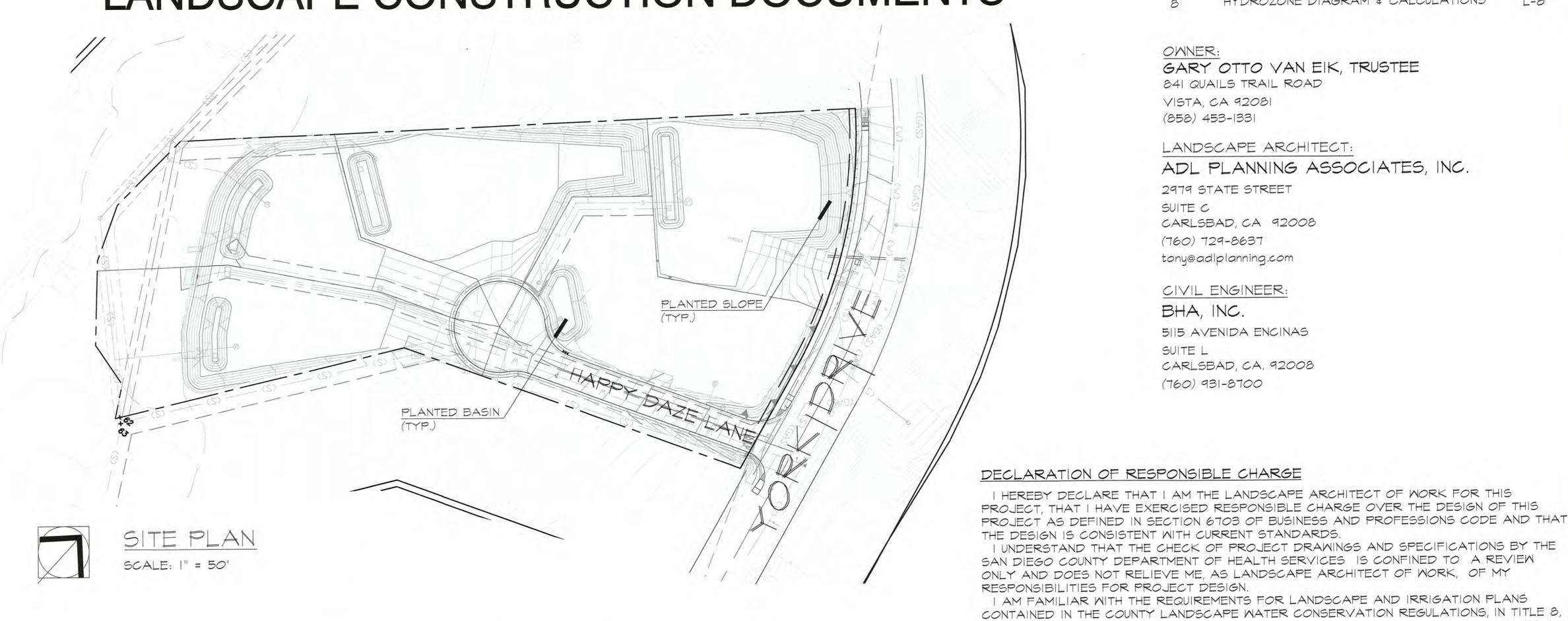


SAN DIEGO COUNTY 1505 YORK DRIVE LANDSCAPE CONSTRUCTION DOCUMENTS



LANDSCAPE ARCHITECT CERTIFICATION

1) I, ANTHONY D. LAWSON, CERTIFY THAT THE LANDSCAPE & IRRIGATION PLANS AS SHOWN HEREON PER THIS GRADING PLAN PDS2004-2700-14724 SATISFY THE GRADING ORDINANCE REQUIREMENTS AS STATED PER SECTION 87.417 (PLANTING) AND SECTION 87.418 (IRRIGATION)

" I AM FAMILIAR WITH THE REQUIREMENTS FOR GRADING DESIGN PLANS CONTAINED IN THE COUNTY LANDSCAPE WATER CONSERVATION REGULATIONS, IN TITLE 8, DIVISION 6, CHAPER 7 OF THE SAN DIEGO COUNTY CODE OF REGULATORY ORDINANCES. I HAVE PREPARED THIS PLAN IN COMPLIENCE WITH THOSE REGULATIONS. I CERTIFY THAT THE PLAN IMPLEMENTS THOSE REGULATIONS TO PROVIDE EFFICIENT USE OF

12-5-18



L CONTRACTOR SHALL VERIFY THAT PLANS ARE CURRENT AND APPROVED

2. WORK SHALL BE IN ACCORDANCE WITH THE REQUIREMENTS OF THE GOVERNING AGENCY.

3. THESE PLANS ARE BASED ON GRADING AND IMPROVEMENT PLANS BY BHA, INC. 4. THE OWNER SHALL PROVIDE A COPY OF AN APPROVED SOILS REPORT TO THE CONTRACTOR, WHO SHALL BECOME FAMILIAR WITH THE REPORTS RECOMMENDATIONS PRIOR TO BEGINNING ANY WORK. THE CONTRACTOR SHALL COMPLY WITH THE REPORTS RECOMMENDATIONS AS THEY RELATE TO HIS

5. THE CONTRACTOR SHALL OBTAIN ALL NECESSARY AND/OR REQUIRED PERMITS AND PAY ALL RELATED FEES AND/OR TAXES REQUIRED TO INSTALL THE WORK ON THESE PLANS.

6. THE CONTRACTOR SHALL BE APPROPRIATELY LICENSED AS REQUIRED BY THE STATE OF CALIFORNIA 10. PRIOR TO INITIATING ANY PHASE OF THE IRRIGATION INSTALLATION, THE CONTRACTOR SHALL VERIFY EXISTENCE, SIZE, AND LOCATION OF ALL RELATED UTILITY SERVICES AND METERS AND NOTIFY OWNER AND LANDSCAPE ARCHITECT OF ANY DISCREPANCIES OR POTENTIAL CONFLICTS. 7. THE CONTRACTOR SHALL SUBMIT A SCHEDULE OF WORK, TO BE APPROVED BY OWNER AND/ OR LANDSCAPE ARCHITECT, PRIOR TO BEGINNING THE PROJECT. ALL WORK SHALL BE IN ACCORDANCE WITH SAID SCHEDULE.

8. THE CONTRACTOR SHALL NOTIFY THE OWNER PRIOR TO BEGINNING THE WORK AND SHALL BE RESPONSIBLE FOR COORDINATING WITH LANDSCAPE ARCHITECT, GOVERNING AGENCIES AND OTHER

9. CONTRACTOR SHALL NOTIFY LANDSCAPE ARCHITECT OF ANY ERRORS, OMISSIONS OR DISCREPANCIES IN EXISTING CONDITIONS OR WITHIN THE PLANS PRIOR TO BEGINNING THE WORK IMMEDIATE NOTIFICATION WILL BE GIVEN TO THE LANDSCAPE ARCHITECT SHOULD SUCH A CONDITION BE DISCOVERED.

10. ALL MATERIAL SHALL BE NEW UNLESS OTHERWISE SPECIFIED.

THE CONTRACTOR SHALL, IMMEDIATELY UPON BEING AWARDED THE CONTRACT, MAKE ANY ARRANGEMENTS NECESSARY TO INSURE THAT ALL MATERIALS, CONNECTIONS, AND SUPPLIES WILL BE AVAILABLE WHEN NEEDED FOR THIS PROJECT.

12. ADDITIONS AND/OR DELETIONS OF MATERIAL AND/OR LABOR SHALL BE MADE AT UNIT PRICES ESTABLISHED WITH THE OWNER PRIOR TO BEGINNING THE WORK.

HOLD HARMLESS AND INDEMNIFICATION CLAUSE CONTRACTOR AGREES THAT HE SHALL ASSUME SOLE RESPONSIBILITY FOR JOB SITE CONDITIONS DURING THE COURSE OF CONSTRUCTION OF THIS PROJECT, INCLUDING SAFETY OF ALL PERSONS AND PROPERTY; THAT THIS REQUIREMENT SHALL APPLY CONTINUOUSLY AND NOT BE LIMITED TO NORMAL WORKING HOURS AND THAT THE CONTRACTOR SHALL DEFEND, INDEMNIFY, AND HOLD THE OWNER, THE CITY/COUNTY OF LOCAL JURISDICTION, AND THE LANDSCAPE ARCHITECT HARMLESS FROM ANY AND ALL LIABILITY REAL OR ALLEGED, IN CONNECTION WITH THE PERFORMANCE OF WORK ON THIS PROJECT.

13. NO ALTERATIONS WILL BE CONSIDERED FOR ITEMS SPECIFICALLY CALLED FOR ON THESE PLANS. 14. DETERMINATION OF "EQUAL" SUBSTITUTIONS SHALL BE MADE ONLY BY THE LANDSCAPE ARCHITECT

OBSERVATIONS OR MEETINGS.

16. SITE OBSERVATIONS AND MEETINGS MAY INCLUDE

A. PRE-CONSTRUCTION

B. IRRIGATION PRESSURE AND COVERAGE TEST

C. PLANTING AND/OR HYDROSEEDING

D. PRE-MAINTENANCE

17. SITE OBSERVATIONS BY THE LANDSCAPE ARCHITECT DURING ANY PHASE OF THIS PROJECT DOES NOT RELIEVE THE CONTRACTOR OF HIS PRIMARY RESPONSIBILITY TO PERFORM ALL WORK IN ACCORDANCE WITH THE PLANS, SPECIFICATIONS AND GOVERNING CODES.

18. CONTRACTOR SHALL BE BACK CHARGED FOR LANDSCAPE ARCHITECTS TIME WHEN OBSERVATIONS ARE CALLED FOR AND IT IS FOUND THAT THE WORK IS NOT SIGNIFICANTLY READY UPON OBSERVATION OR APPOINTMENT IS NOT KEPT. TIME WILL BE CHARGED ON AN HOURLY BASIS, PLUS TRANSPORTATION COSTS, IF ANY, AT THE THEN EXISTING HOURLY RATE FOR PERSONNEL PROVIDING THE OBSERVATIONS.

19. THIS FIRM DOES NOT PRACTICE OR CONSULT IN THE FIELD OF SAFETY ENGINEERING. THIS FIRM DOES NOT DIRECT THE CONTRACTORS OPERATIONS, AND IS NOT RESPONSIBLE FOR THE SAFETY OF PERSONNEL OTHER THAN OUR OWN ON THE SITE: THE SAFETY OF OTHERS IS THE RESPONSIBILITY OF THE CONTRACTOR. THE CONTRACTOR SHOULD NOTIFY THE OWNER IF HE CONSIDERS ANY OF THE RECOMMENDED ACTIONS PRESENTED HEREIN TO BE UNSAFE.

20. SPECIFIC NOTES RELATING TO IRRIGATION AND PLANTING LOCATED ON SHEETS L-6 \$ L-13. 21. "LANDSCAPE" SHALL REFER TO ALL IMPROVEMENTS WITHIN THIS SET OF DOCUMENTS THAT HAVE BEEN DESIGNED BY THIS OFFICE.

15. LANDSCAPE ARCHITECT SHALL BE NOTIFIED NO LESS THAN 48 HOURS IN ADVANCE OF ANY SITE

ADL PLANNING ASSOCIATES

2979 STATE STREET, SUITE C CARLSBAD, CA 92008

SHEET INDEX:

LANDSCAPE TITLE SHEET & GENERAL NOTES L-I

LANDSCAPE IRRIGATION LEGEND & NOTES

LANDSCAPE PLANTING LEGEND AND NOTES

HYDROZONE DIAGRAM & CALCULATIONS

LANDSCAPE IRRIGATION PLAN

LANDSCAPE PLANTING PLAN

GARY OTTO VAN EIK, TRUSTEE

ADL PLANNING ASSOCIATES, INC.

LANDSCAPE IRRIGATION DETAILS

LANDSCAPE PLANTING DETAILS

ALIAS #:

SHEET #: DESCRIPTION

841 QUAILS TRAIL ROAD

LANDSCAPE ARCHITECT:

VISTA, CA 92081

2979 STATE STREET

tony@adlplanning.com

CIVIL ENGINEER:

5115 AVENIDA ENCINAS

CARLSBAD, CA. 92008

(760) 729-8637

BHA, INC.

(760) 931-8700

SUITE L

CARLSBAD, CA 92008

(858) 453-1331

OWNER:

SUITE C

REVISIONS MUST BE APPROVED BY PUBLIC HEALTH ENGINEER, PLANNING DIRECTOR \$ DISTRICT ENGINEER PRIOR TO IMPLEMENTATION IN FIELD

DIVISION 6, CHAPTER 7, OF THE SAN DIEGO COUNTY CODE REGULATORY ORDINANCES. I HAVE PREPARED THIS PLAN IN COMPLIENCE WITH THOSE REGULATIONS. I CERTIFY THAT

ANTHONY D. LAWSON

LANDSCAPE ARCHITECT

THE PLAN IMPLEMENTS THOSE REGULATIONS TO PROVIDE EFFICIENT USE OF WATER.



PLANNING **ASSOCIATES** LANDSCAPE ARCHITECTURE 2979 STATE STREET SUITE "C" CARLSBAD, CA. 92008 (7 6 0) 7 2 9 - 8 6 3 7 FAX: (7 6 0) 7 2 9 - 8 3 2 4 DATE: 12/6/2018 JOB NO .: 21817 SCALE: NO SCALE DRAWN BY: EC

BENCH MARK

NORTHEAST OF THE INTERSECTION OF SOUTH

__ DATUM: NGVD 29

SANTA FE AVE. AND BUENA CREEK ROAD

A BRASS DISK IN CONCRETE MONUMENT

ALL DRAWINGS AND MATERIALS APPEARING HEREIN CONSTITUTE THE ORIGINAL AND UNPUBLISHED WORK OF THE ANDSCAPE ARCHITECT AND THE SAME MAY NOT BE DUPLICATED, USED OR DISCLOSED WITHOUT THE WRITTEN CONSENT OF ADL PLANNING ASSOCIATES, INC. ALL RIGHTS RESERVED BY ADL PLANNING ASSOCIATES, INC.

12-5-18

LANDSCAPE TITLE SHEET & NOTES FOR: TM 5443 RPL3

PRIVATE CONTRACT

COUNTY OF SAN DIEGO

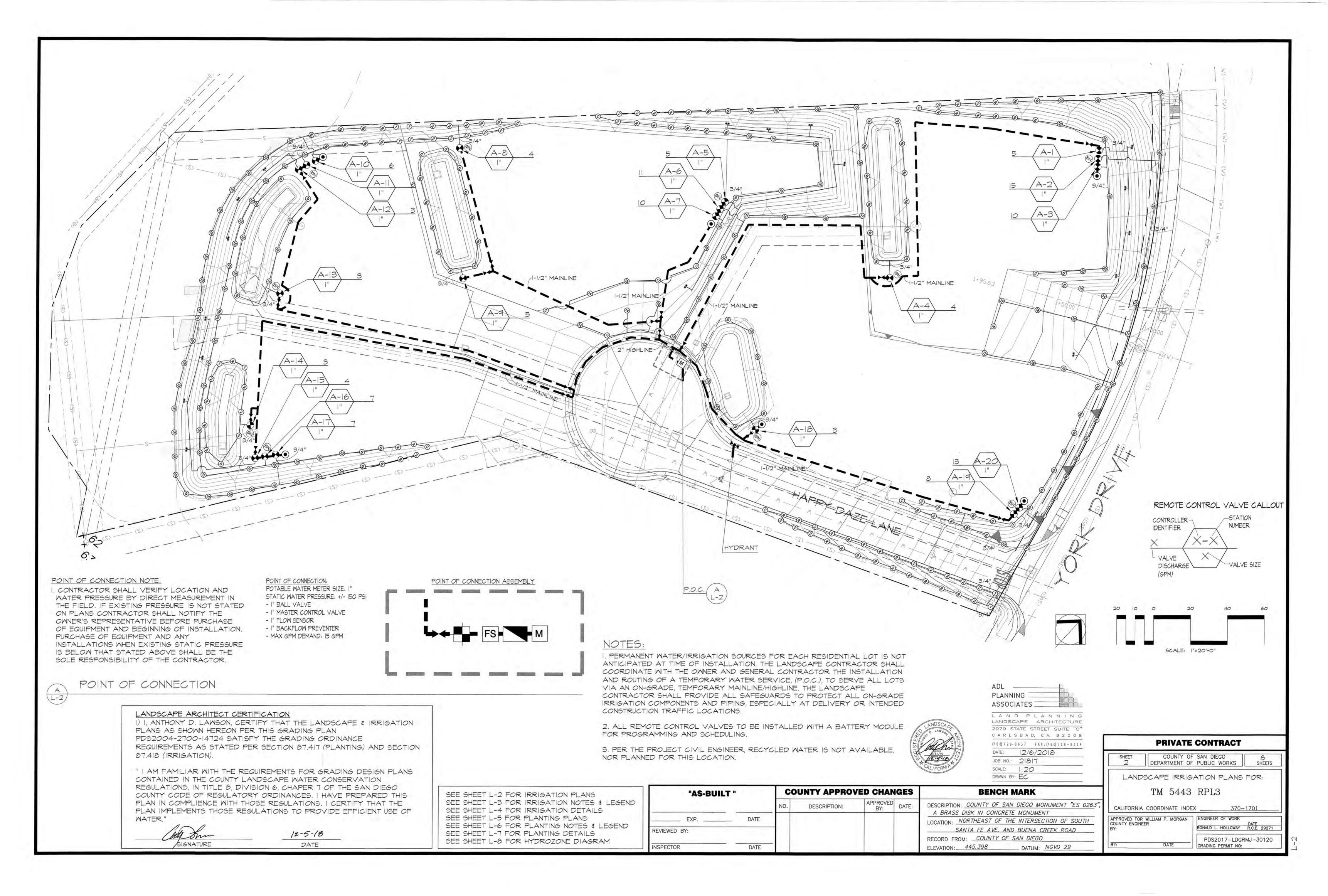
DEPARTMENT OF PUBLIC WORKS

CALIFORNIA COORDINATE INDEX

RONALD L. HOLLOWAY R.C.E. 29271 PDS2017-LDGRMJ-30120

Underground Service Alert Call: TOLL FREE 1 - 800422-4133 TWO WORKING DAYS BEFORE YOU DIG

COUNTY APPROVED CHANGES "AS-BUILT" DESCRIPTION: COUNTY OF SAN DIEGO MONUMENT "ES 0263 BY: REVIEWED BY: RECORD FROM: COUNTY OF SAN DIEGO ELEVATION: 445.398 DATE **INSPECTOR**



IRRIGATION EQUIPMENT LEGEND

SYMBOL	DESCRIPTION	MANUFACTURER	MODEL NUMBER/ NOTES	NOTES
M	TEMPORARY WATER METER (BY OTHERS)			
	BACKFLOW PREVENTER ASSEMBLY W/ MODEL 'YBP' WYE STRAINER	WILKINS	975XLSEU SIZE PER PLAN	DETAIL F, SHEET L-
н	BALL VALVE, LINE SIZE	SPEARS MFG.	8722	DETAIL H, SHEET L-
•	QUICK COUPLER VALVE, INSTALLED IN 6" ROUND VALVE BOX	HUNTER	HQ44-LRC	DETAIL I, SHEET L-
•	REMOTE CONTROL VALVE - SIZE PER PLANS W BATTERY OPERATED NODE	HUNTER	ICV-XXXG-FS NODE-400	DETAIL G, SHEET L-
BN	BATTERY OPERATED NODE, INSTALLED IN VALVE BOX.	HUNTER	NODE-400	DETAIL K, SHEET L-
FS	PVC FLOW SENSOR. INSTALL PER MANUFACTURER'S RECOMMENDATIONS.	GRISWOLD	2030 SIZE PER PLAN	DETAIL B, SHEET L-
•	BRASS MASTER CONTROL VALVE	HUNTER	IBV-IOIG-FS-R	DETAIL A, SHEET L-
	PVC LATERAL PIPE	PACIFIC PLASTICS	PVC CLASS 315 (2" & GREATER) SCH. 40 (1-1/2" & SMALLER)	Α.
	PVC WATER MAINLINES.	PACIFIC PLASTICS	PVC CLASS 315 (2" & GREATER) SCH. 40 (1-1/2" & SMALLER)	
NO SYMBOL	VALVE BOXES.	RAINBIRD	7" ROUND VB - VB7RND STD VB - VBSTDDH JUMBO VB - VBJMBH	- An

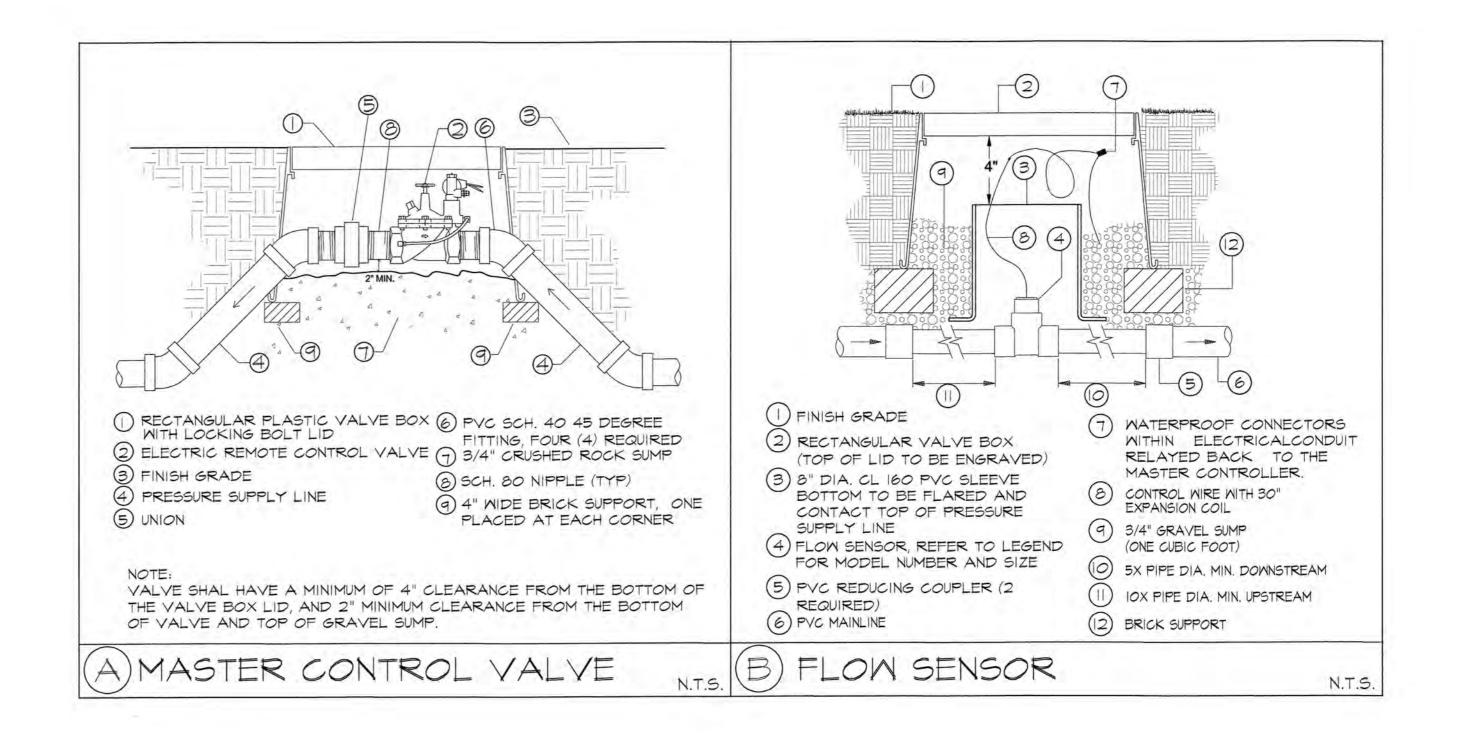
IRRIGATION HEAD LEGEND

SYM	DESCRIPTION	MAKE / MODEL	ARC	PSI	RAD.	DISCHARGE (GPM)	SPACING	DETAIL
1 2 3 4	MP ROTATOR	HUNTER / PROS-12-PRS30-CV-MP800-(90, 180, 270, 360)	VARIES	30	6'-8'	.17, .33, .5, .66	8'	DETAIL C, D, E SHEET L-4
(5) (6) (7) (8) MP ROTATOR HUNTER / PROS-12-PRS40-CV-MP800-(90, 180, 270, 360)				40	8'-12'	.23, .42, .57, .78	10'	DETAIL C, D, E SHEET L-4
(9) (11) (12) MP ROTATOR HUNTER / PROS-12-PRS40-CV-MP1000-(90, 180, 270, 360)				40	10'-15'	.19, .37, .57, .75	12'	DETAIL G, D, E SHEET L-4
13 (4) (15 (6)	MP ROTATOR	HUNTER / PROS-12-PRS30-CV-MP2000-(90, 180, 270, 360)	VARIES	30	15'-21'	.31, .58, .87, 1.16	15'	DETAIL C, D, E SHEET L-4
7 18 19 20	MP ROTATOR	HUNTER / PROS-12-PRS40-CV-MP2000-(90, 180, 270, 360)	VARIES	40	15'-21'	.4, .74, 1.10, 1.47	20'	DETAIL C, D, E SHEET L-4
Ø Ø Ø	3 3 4 MP ROTATOR HUNTER / PROS-12-PRS30-CV-MP3000-(90, 180, 270, 360)				22'-30'	.69, 1.44, 2.19, 2.88	25'	DETAIL C, D, E SHEET L-4
39 39 39 39	(8) (27) (8) MP ROTATOR HUNTER / PROS-12-PRS40-CV-MP3000-(90, 180, 210, 360)			40	22'-30'	.86, 1.82, 2.73, 3.64	30'	DETAIL C, D, E SHEET L-4
29 30 31	MP ROTATOR	HUNTER / PROS-12-PRS40-CV-MP3500-(90, 180, 270, 360)	VARIES	40	31'-35'	1.28, 2.86, 3.29	35'	DETAIL C, D, E SHEET L-4
©	MP ROTATOR CORNER	HUNTER / PROS-12-PRS40-CV-MPCORNER	VARIES	40	8'-15'	0.45	12'	DETAIL C, D, E SHEET L-4
••	TREE BUBBLER	HUNTER / SCH.80 NIPPLE WITH PCB-50 PRESSURE COMPENSATING TRICKLE PATTERN BUBBLER	TRICKLE	40	2'-4'	0.5 (1.0)	2'-4'	DETAIL J SHEET L-4

PRESSURE CALCULATIONS Remote Control Valve A-2 Max. Demand (GPM): POC/Water Meter 1" Pressure Available: 15 150 MAINLINE/VALVES: LOSS 15 = 1.20 1" Water Meter 1" Backflow Device 15 = 12.00 1" Filter 1" Master Valve 15 = 2.00 15 = 3.00 1" Flow Meter Pressure Reducer 1" Gate/Ball Valve L.F. of 2 1/2" Mainline 15 L.F, of = 0.61 15 = 1.29 ____2" __Mainline 380 L.F. of 1-1/2" Mainline ____3 ___ Control Valve = 0.00 _____Drip Valve Subtotal Mainline/Valve PSI Loss: LATERAL LINES: 2" Lateral @ 1 1/2" Lateral @ L.F. of 1 1/4" Lateral @ 60 L.F. of 1" Lateral @ 15 = 3.8 170 L.F. of 3/4" Lateral @ 7 = 35.5 L.F. of 1/2" Lateral @ Loss Thru Fittings (10%) = 3.93 Subtotal Lateral Line PSI Loss: 43.23 Loss or Gain Thru 9 Total Elev. Change 47.13 Subtotal System PSI loss: TOTAL PRESSURE AVAILABLE: SUBTOTAL SYSTEM LOSS: 30.00 PRESSURE REQUIRED AT HEAD: TOTAL PRESSURE LOSSES: 72.87 RESIDUAL WATER PRESSURE

GENERAL IRRIGATION NOTES

- I. ALL IRRIGATION SYSTEM COMPONENTS SHALL BE INSTALLED AS PER LOCAL CODE. CONTRACTORS SHALL SECURE ALL NECESSARY PERMITS.
- 2. CHECK AND VERIFY ALL SITE CONDITIONS, UTILITIES AND SERVICES PRIOR TO TRENCHING. IF DURING CONSTRUCTION IT IS FOUND THAT THE SITE VARIES FROM THE DRAWINGS, NOTIFY THE LANDSCAPE ARCHITECT BEFORE PROCEEDING WITH THE WORK.
- 3. WHERE TREES, LIGHT STANDARDS, ETC. ARE AN OBSTRUCTION TO SPRAYS, THEN PIPING AND SPRINKLER HEADS SHALL BE ADJUSTED AND/OR RELOCATED AS NECESSARY TO OBTAIN FULL COVERAGE WITHOUT EXCESSIVE OVERTHROW. DO NOT EXCEED SPACING AS PER MANUFACTURER RECOMMENDATIONS.
- 4 PLANS ARE DIAGRAMMATIC AND APPROXIMATE. ALL PIPING SHALL BE INSTALLED IN PLANTING AREAS EXCEPT WHERE IT IS INFEASIBLE.
- 5. CONTRACTOR SHALL FLUSH ALL MAINLINES PRIOR TO INSTALLATION OF VALVES AND ALL LATERAL LINES PRIOR TO INSTALLATION OF HEADS.
- 6. SPRINKLER HEADS ARE AVAILABLE IN VARYING DEGREES OF ARCS. CONTRACTOR SHALL PROVIDE, AT EACH HEAD, THE ARC MOST SUITED TO PROVIDE ADEQUATE COVERAGE AND PREVENT OVER SPRAY ON WALKS, ROADS, BUILDINGS, ETC.
- 7. WHERE POSSIBLE, ALL PIPING, PVC ELECTRICAL SLEEVES, ETC., UNDER PAVING SHALL BE INSTALLED PRIOR TO PAVING WORK. NO TEES, ELLS, OR OTHER TURNS IN PIPING SHALL BE LOCATED UNDER PAVING. ALL SLEEVES SHALL BE TWO TIMES THE DIAMETER OF THE PIPE.
- 8. COORDINATE IRRIGATION WORK WITH PLANTING PLANS TO AVOID CONFLICTING LOCATIONS BETWEEN PIPING AND PLANT PITS.
- 9. IRRIGATION SHALL BE APPLIED AT A RATE NOT EXCEEDING THE INFILTRATION RATE OF THE SOIL (MINIMIZING EROSION AND WATER WASTE) BUT SUFFICIENTLY TO ALLOW FOR HEALTHY PLANT GROWTH.
- 10. POP-UPS SHALL BE USED IN THE RIGHT-OF-WAY AND WHEREVER WITHIN 10' OF ANY HARDSCAPE, TURF OR OTHER AREA WHERE PEDESTRIAN TRAFFIC MAY OCCUR.
- II. INSTALL CHECK VALVES AS NEEDED TO PREVENT LOW HEAD DRAINAGE
- 12. WATER COMPANY: VISTA IRRIGATION DISTRICT (760) 597-3100



LANDSCAPE ARCHITECT CERTIFICATION

(Who from

SEE SHEET L-2 FOR IRRIGATION PLANS

SEE SHEET L-5 FOR PLANTING PLANS

SEE SHEET L-7 FOR PLANTING DETAILS

SEE SHEET L-8 FOR HYDROZONE DIAGRAM

SEE SHEET L-4 FOR IRRIGATION DETAILS

SEE SHEET L-3 FOR IRRIGATION NOTES & LEGEND

SEE SHEET L-6 FOR PLANTING NOTES & LEGEND

SIGNATURE

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ADL PLANNING ASSOCIATES: LAND PLANNING LANDSCAPE ARCHITECTURE 2979 STATE STREET SUITE "C" CARLSBAD, CA. 92008 (7 6 0) 7 2 9 - 8 6 3 7 FAX: (7 6 0) 7 2 9 - 8 3 2 4 DATE: 12/6/2018 JOB NO .: 21817 SCALE: NO SCALE DRAWN BY: EC

LANDSCAPE IRRIGATION NOTES & LEGEND FOR: TM 5443 RPL3 CALIFORNIA COORDINATE INDEX

APPROVED FOR WILLIAM P. MORGAN

COUNTY ENGINEER

PRIVATE CONTRACT

COUNTY OF SAN DIEGO

DEPARTMENT OF PUBLIC WORKS

BENCH MARK APPROVED DATE: DESCRIPTION: BY: A BRASS DISK IN CONCRETE MONUMENT

COUNTY APPROVED CHANGES "AS-BUILT " EXP. _____ REVIEWED BY: ELEVATION: ___ 445.398 DATE INSPECTOR

12-5-18

DATE

DESCRIPTION: COUNTY OF SAN DIEGO MONUMENT "ES 0263 LOCATION: NORTHEAST OF THE INTERSECTION OF SOUTH SANTA FE AVE. AND BUENA CREEK ROAD RECORD FROM: COUNTY OF SAN DIEGO

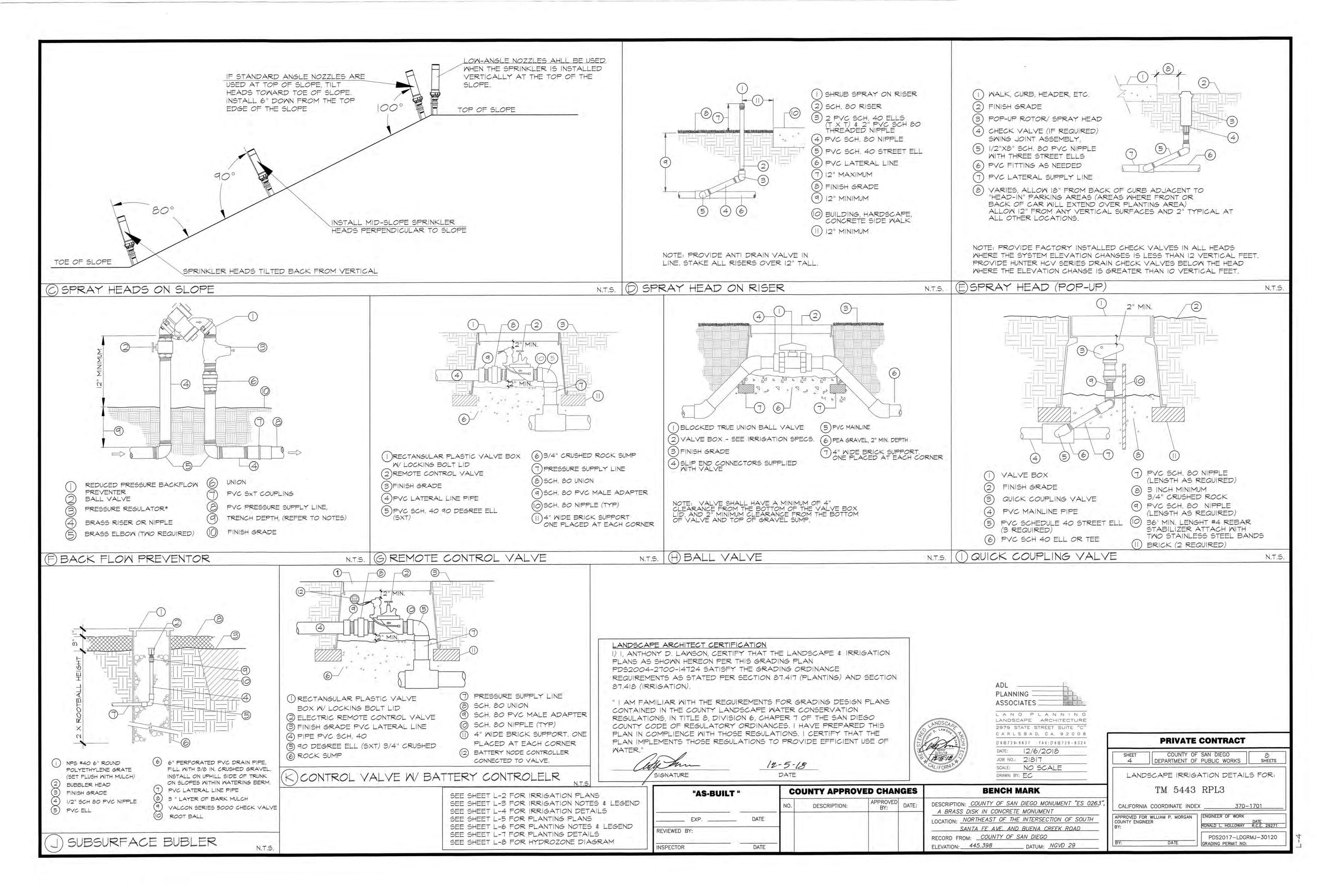
DATUM: NGVD 29

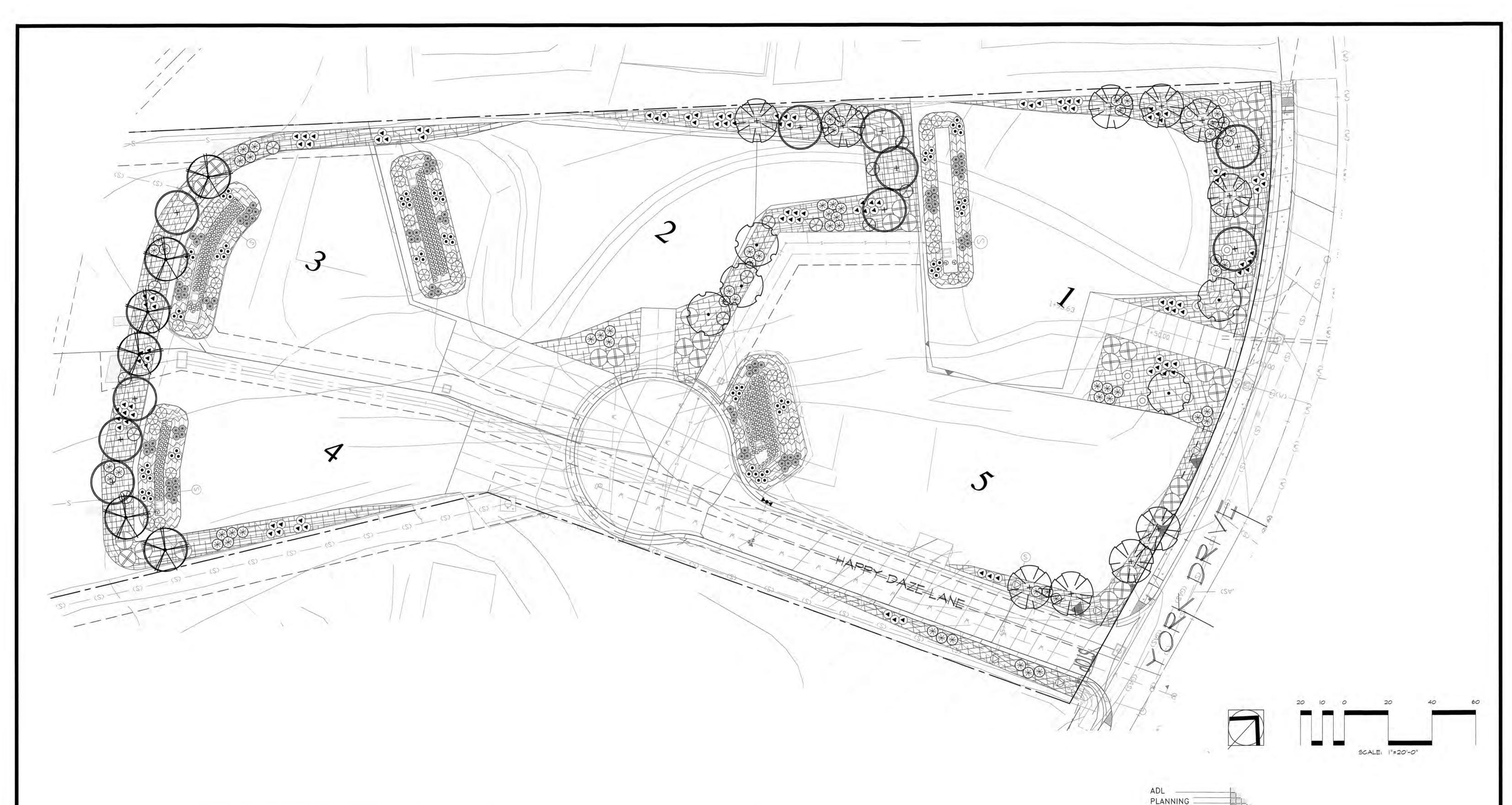
370-1701

RONALD L. HOLLOWAY R.C.E. 29271

PDS2017-LDGRMJ-30120

GRADING PERMIT NO:





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SIGNATURE

12-5-18 DATE

SEE SHEET L-2 FOR IRRIGATION PLANS SEE SHEET L-3 FOR IRRIGATION NOTES & LEGEND SEE SHEET L-4 FOR IRRIGATION DETAILS SEE SHEET L-5 FOR PLANTING PLANS SEE SHEET L-6 FOR PLANTING NOTES \$ LEGEND

SEE SHEET L-7 FOR PLANTING DETAILS SEE SHEET L-8 FOR HYDROZONE DIAGRAM

	"AS-BUILT "		CO	UNTY APPRO	VED CHAN	IGES	DESCRIPTION: COUNTY OF SAN DIEGO MONUMENT "ES 026 A BRASS DISK IN CONCRETE MONUMENT	
			NO.	DESCRIPTION:	APPROVED BY:	DATE:		
	EXP	DATE	TITLE				LOCATION: NORTHEAST OF THE INTERSECTION OF SOUTH	
	EWED BY:	DATE					SANTA FE AVE. AND BUENA CREEK ROAD RECORD FROM: COUNTY OF SAN DIEGO ELEVATION: 445.398 DATUM: NGVD 29	

LAND PLANNING LANDSCAPE ARCHITECTURE 2979 STATE STREET SUITE "C" CARLSBAD, CA. 92008 (7 6 0) 7 2 9- 8 6 3 7 F A X : (7 6 0) 7 2 9 - 8 3 2 4 DATE: 12/6/2018 JOB NO .: 21817

ASSOCIATES

COUNTY OF SAN DIEGO DEPARTMENT OF PUBLIC WORKS DRAWN BY: EC

LANDSCAPE PLANTING PLANS FOR:

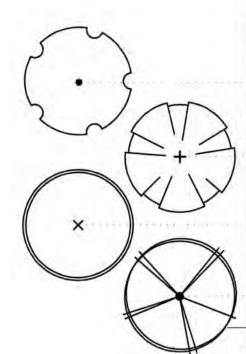
PRIVATE CONTRACT

TM 5443 RPL3

CALIFORNIA COORDINATE INDEX _

APPROVED FOR WILLIAM P. MORGAN COUNTY ENGINEER

RONALD L. HOLLOWAY R.C.E. 29271 PDS2017-LDGRMJ-30120 DATE GRADING PERMIT NO:



PLA	NTING LEGENI	- TREES				
SYM #:	BOTANICAL NAME:	COMMON NAME:	SIZE:	QTY:	$H \times M$	MUCOLS
	PLATANUS RACEMOSA	CALIFORNIA SYCAMORE	15 GAL.	5	80' × 40'	MODERATE
	JACARANDA MIMOSIFOLIA	JACARANDA	15 GAL	10	40' × 25'	MODERATE
1	LYONOTHAMNUS FLORIBUNDUS	CATALINA IRONWOOD	15 GAL.	10	50' × 40'	LOW
	QUERCUS AGRIFOLIA	COAST LIVE OAK	15 GAL.	6	60' × 30'	VERY LOW

SYMBOL	BOTANICAL NAME	COMMON NAME	SIZE	QTY.	$H \times M$	MUCOLS
	FESTUCA CALIFORNICA	CALIFORNIA FESCUE	I GAL.	84	3' × 3'	LOW
	JUNCAS PATENS 'ELK BLUE'	CALIFORNIA GRAY RUSH	I GAL.	332	2' × 2'	LOW
•	MAHONIA NEVINII	NEVIN'S BARBERRY	I GAL.	78	6' x 3'	VERY LOW
	RIBES SPECIOSUM	FUSHIA FLOWERING GOOSE	I GAL.	44	5' × 5'	VERY LOW
	SISYRINCHIUM BELLUM	BLUE-EYED GRASS	I GAL.	61,096 SF	' × '	LOW

BOL	BOTANICAL NAME	COMMON NAME	SIZE	QTY.	$H \times M$	MUCOLS
	ISOMERIS ARBOREA	CALIFORNIA CLEOME	I GAL	107	3' x 3'	VERY LOW
3	ROMNEYA COULTERI	MATILIJA POPPY	I GAL	66	4' × 7'	VERY LOW
	CEANOTHUS 'JOYCE COULTER'	DWARF WESTERN LILAC	5 GAL	38	3' x 10'	LOW
3	HETEROMELES ARBUTIFOLIA	TOYON	5 GAL	16	10' × 10'	VERY LOW
	RHUS INTEGRIFOLIA	LEMONADE BERRY	I GAL.	9	8' × 8'	VERY LOW
)	ECHIUM CANDICANS	PRIDE OF MADEIRA	I GAL.	7	6' × 8'	LOW
×,	MYOPORUM 'PACIFICUM'	MYOPORUM	FLATS	156,814 SF	2' x 12'	LOW
	HYDROSEED MIX	HYDROSEED MIX	-		PER HYDROSEED NOTE BELOW	

6 GAL./ACRE

PLANTING NOTES:

- I. THE PLANTING PLAN IS DIAGRAMMATIC AND SHALL BE USED AS A GUIDE FOR SETTING OUT PLANTS. PRIOR TO PLANTING, THE LANDSCAPE ARCHITECT SHALLL BE CONTACTED TO APPROVE ALL PLANT LOCATIONS AND DIRECT ADJUSTMENTS.
- 2. PLANT MATERIALS SHALL CONFORM TO NURSERYMAN'S STANDARDS FOR SIZE AND HEALTH. ALL PLANTS ARE SUBJECT TO REJECTION BY THE LANDSCAPE ARCHITECT IN SUBSTANDARD IN SIZE, QUALITY, OR HEALTH.
- 3. PROVIDE WATERPROOF SPECIES IDENTIFICATION TAGS ON ONE PLANT PER SPECIES PER GROUPING.
- 4. PLANT COUNTS ARE FOR THE CONVENIENCE OF THE LANDSCAPE CONTRATOR ONLY. CONTRACTOR IS RESPONSIBLE FOR ALL PLANTS SHOWN ON THE PLAN.
- 5. IRRIGATION SYSTEM SHALL BE FULLY OPERATIONAL AND ALL PLANTING AREAS THOUROUGHLY SOAKED PRIOR TO PLANTING.
- 6. LANDSCAPE CONTRACTOR SHALL REMOVE EXISTING VEGETATION, TRASH, CLIPPINGS, ROCK AND OTHER DEBRIS IN PLANTING AREAS. RAKE AND FINE GRADE ALL PLANTING AREAS PRIOR TO COMMENCHMENT OF PLANTING OPERATIONS.
- 7. PLANTING PITS SHALL BE TWICE THE CONTAINER WIDTH AND OF EQUAL DEPTH.
- 8. PLANTING PITS AND PLANTERS SHALL BE BACKFILLED WITH EXISTING SITE SOIL AND 1/4 (BY VOLUME) NITRIFIED TOP SOIL MIX. FERNS, AZALEAS AND ACID PLANTS SHALL RECEIVE AN ADDITIONAL 1/3 (BY VOLUME) PEAT IN BACKFILL MIX.
- 9. TREES AND SHRUBS SHALL BE FERTILIZED AT THE TIME OF PLANTING WITH 21-GRAM AGRIFORM TABLETS AT THE FOLLOWING RATES: GROUNDCOVER-(5 GRAM 20-10-5 TABLET) | GAL.SIZE- | TABLET, 15 GAL.-5 TABLETS, 36" BOX-10 TABLETS, 5 GAL. SIZE-3 TABLETS, 24" BOX-8 TABLETS, 48" BOX-12 TABLETS
- 10. STAKE 5 GALLON AND DOUBLE STAKE 15 GALLON AND 24" BOX TREES. GUYING OF LARGER TREES SHALL BE DONE AT THE LANDSCAPE ARCHITECTS DISCRETION. CONTRACTOR SHALL BE RESPONSIBLE FOR TREE STABILITY DURING LENGTH OF THE GUARANTEE PERIOD.
- II. VERIFY TREE PIT DRAINAGE WITH 24 HOUR WATER FILL TEST PRIOR TO PLANTING. ALL BOXED TREES NOT DRAINING ARE TO HAVE A 4" DIAMETER AUGER HOLE DRILLED THROUGH ANY HARDPAN OR COMPACTED EARTH AS REQUIRED TO PROVIDE DRAINAGE IN A 24 HOUR PERIOD.
- 12. ALL PLANTING AREAS EXCEPT SLOPES SHALL BE PREPARED BY APPLYING THE FOLLOWING AMENDMENTS TO THE SOIL AND TILLING INTO THE TOP 6" OF SOIL:
- 4 CU. YD./1000 S.F. NITRIFIED WOOD SHAVINGS 100LBS./1000 S.F. AGRICULTURAL GYPSUM 25 LBS/1000 S.F. 12-12-12 FERTILIZER NOTE: SUBJECT TO CHANGE PER SOIL TEST RECOMMENDATIONS.

- 13. LANDSCAPE IMPROVEMENTS, INCLUDING, BUT NOT LIMITED TO PLANTS, BERMS, WALLS (DECORATIVE OR RETAINING), SIGNS, AND STRUCTURES HAVE BEEN SELECTED AND POSITIONED SO AS TO AVOID OBSTRUCTING VIEWS OF MOTORIST NEAR INTERSECTIONS AISLES, DRIVES, AND PEDESTRIAN WALKWAYS. TREES HAVE BEEN SELECTED (AND SHALL BE MAINTAINED) SUCH THAT, AT MATURE SIZE, SCAFFOLD BRANCHES WILL BE A MINIMUM OF 60 INCHES ABOVE THE FINISHED GRADE.
- 14. AFTER ROUGH GRADING, CONTRACTOR SHALL TAKE SOIL SAMPLES FROM ENOUGH LOCATIONS ON THE SITE TO REPRESENT AN ADEQUATE CROSS SECTION OF CONDITIONS. SOIL TEST SHALL BE PERFORMED BY A SOIL TESTING LABORATORY AS PART OF A SOIL MANAGEMENT REPORT. THE TEST SHALL INDICATE BUT NOT BE LIMITED TO THE FOLLOWING: A. ORGANIC MATTER CONTENT
- B. N.P.K. C. PH
- D. SOIL TEXTURE (SILT, CLAY, SAND)
- E. RECOMMENDATIONS FOR AMENDMENTS. LEACHING, AND MAINTENANCE.
- 15. THE RESULTS AND RECOMMENDATIONS OF THE SOIL TESTING LABORATORY SHALL BE SUBMITTED TO AND APPROVED BY THE OWNER OR LANDSCAPE ARCHITECT. THE APPROVED RECOMMENDATIONS FOR AMENDMENTS AND BACKFILL SHALL BE INCORPORATED INTO THE LANDSCAPE PLANS BY THE LANDSCAPE ARCHITECT PRIOR TO THE START OF CONSTRUCTION AND SHALL BECOME PART OF THE APPROVED PLANS.
- 16. POST PLANTING FERTILIZATION SHALL BE PERFORMED BY CONTRACTOR AT 30, 60, AND 90 DAYS AFTER PLANTING.
- 17. PLANTS SHALL NOT BE PLACED WITHIN 12" OF SPRINKLER HEADS.
- 18. SHRUBS AND TREES SHALL BE UNDERPLANTED WITH GROUNDCOVER AS SHOWN BY ADJACENT SYMBOL.
- 19. GROUNDCOVER SHALL BE PLANTED USING TRIANGULAR SPACING AS NOTED IN LEGEND.
- 20. LANDSCAPE CONTRACTOR SHALL MAINTAIN ALL PLANTINGS FOR A PERIOD OF NINETY (90) DAYS AFTER COMPLETION. ALL AREAS SHALL BE KEPT CLEAN, WATERED, AND WEED-FREE. ALL DEAD OR DYING PLANTS SHALL BE REPLACED DURING THE MAINTENANCE PERIOD.
- 21. CONTRACTOR SHALL GUARANTEE PLANT LONGEVITY AS FOLLOWS: TREES-ONE YEAR SHRUBS & GROUNDCOVER-SIX MONTHS.
- 22. DETERMINE THE LOCATION OF ALL UNDERGROUND UTILITIES PRIOR TO THE INITIATION OF ANY WORK. ALL WORK SHALL BE PERFORMANCE IN A MANNER WHICH WILL AVOID POSSIBLE DAMAGE TO UTILITIES. HAND EXCAVATE AS REQUIRED
- 23. TREES SHALL BE LOCATED A MINIMUM OF FIVE FEET FROM ANY DRAINAGE FLOW LINE, SEWER LINE, WATER LINE, GAS LINE, DRIVE WAYS OR ELECTRICAL CONDUIT.
- 24. ROOT BARRIERS SHALL BE INSTALLED ADJACENT TO ALL PAVING SURFACES, WHERE A PAVING SURFACE IS LOCATED WITHIN 5' OF A TREE'S TRUNK. ROOT BARRIERS SHALL EXTEND FIVE FEET IN EACH DIRECTION, FROM THE CENTER LINE OF THE TRUNK, FOR A TOTAL DISTANCE OF 10 FEET.

HYDROSEED MIX NOTE

ALL IRRIGATED SLOPES SHALL RECEIVE HYDROSEED APPLICATION UNLESS OTHERWISE NOTED ON THE PLANS

SARVON SOIL PENETRANT

IRRIGATED HYDROSEED MIX PER S&S SEEDS INC

BOTANICAL NAME AGROSTIS PALLENS ESCHSCHOLZIA CALIFORNICA ERIOPHYLLUM CONFERTIFLORUM LASTHENIA CALIFORNICA LAYIA PLATYGLOSSA LOTUS SCOPARIUS LUPINUS TRUNCATUS MIMULUS AURANTIACUS PUNICEUS NASELLA PULCHRA NEMOPHILA MENZIESII SISYRINCHIUM BELLUM VERBENA LASIOSTACHYS VULPIA MICROSTACHYS

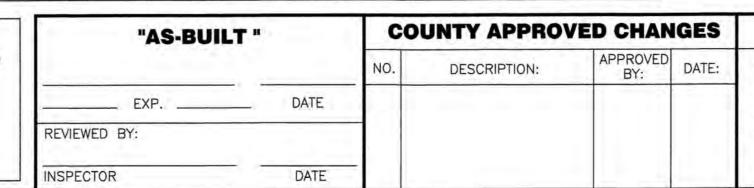
COMMON NAME KGS/HEC ACRE BENT GRASS 4.00 3.60 CALIFORNIA POPPY 0.20 0.20 GOLDEN-YARROW 1.00 0.90 GOLDFIELDS 0.50 0.50 TIDY TIPS 0.50 0.50 DEERWEED 3.00 2.70 MOOD LUPINE 1.50 1.30 RED MONKEY FLOWER 0.20 0.20 BARKWORTH 6.00 5.40 BABY-BLUE-EYES 2.00 1.80 CALIFORNIA BLUE-EYED-GRASS 2.00 1.80 VERBENA 0.50 0.50 VULPIA 4.00 3.60 TOTAL LBS/ACRE 23.00 WOOD FIBER MULCH 2500 LBS/ ACRE IO-IO-IO FERTILIZER 300 LBS/ ACRE ORGANIC SOIL BINDER (BIO BINDER) I30 LBS/ ACRE		PURE LIVE SE	ED LBS./
CALIFORNIA POPPY 0.20 0.20 GOLDEN-YARROW 1.00 0.90 GOLDFIELDS 0.50 0.50 TIDY TIPS 0.50 0.50 DEERWEED 3.00 2.70 WOOD LUPINE 1.50 1.30 RED MONKEY FLOWER 0.20 0.20 BARKWORTH 6.00 5.40 BABY-BLUE-EYES 2.00 1.80 CALIFORNIA BLUE-EYED-GRASS 2.00 1.80 VERBENA 0.50 0.50 VULPIA 4.00 3.60 TOTAL LBS/ACRE 23.00 WOOD FIBER MULCH 2500 LBS/ ACRE IO-IO-IO FERTILIZER 300 LBS/ ACRE	COMMON NAME	KGS/HEC	ACRE
GOLDEN-YARROW I.00 0.90 GOLDFIELDS 0.50 0.50 TIDY TIPS 0.50 0.50 DEERWEED 3.00 2.70 MOOD LUPINE I.50 I.30 RED MONKEY FLOWER 0.20 0.20 BARKWORTH 6.00 5.40 BABY-BLUE-EYES 2.00 I.80 CALIFORNIA BLUE-EYED-GRASS 2.00 I.80 VERBENA 0.50 0.50 VULPIA 4.00 3.60 TOTAL LBS/ACRE 23.00 WOOD FIBER MULCH 2500 LBS/ ACRE IO-IO-IO FERTILIZER 300 LBS/ ACRE	BENT GRASS	4.00	3.60
GOLDFIELDS 0.50 0.50 TIDY TIPS 0.50 0.50 DEERWEED 3.00 2.70 MOOD LUPINE 1.50 1.30 RED MONKEY FLOWER 0.20 0.20 BARKWORTH 6.00 5.40 BABY-BLUE-EYES 2.00 1.80 CALIFORNIA BLUE-EYED-GRASS 2.00 1.80 VERBENA 0.50 0.50 VULPIA 4.00 3.60 TOTAL LBS/ACRE 23.00 WOOD FIBER MULCH 2500 LBS/ ACRE IO-IO-IO FERTILIZER 300 LBS/ ACRE	CALIFORNIA POPPY	0.20	0.20
TIDY TIPS 0.50 0.50 DEERWEED 3.00 2.70 WOOD LUPINE 1.50 1.30 RED MONKEY FLOWER 0.20 0.20 BARKWORTH 6.00 5.40 BABY-BLUE-EYES 2.00 1.80 CALIFORNIA BLUE-EYED-GRASS 2.00 1.80 VERBENA 0.50 0.50 VULPIA 4.00 3.60 TOTAL LBS/ACRE 23.00 WOOD FIBER MULCH 2500 LBS/ ACRE IO-IO-IO FERTILIZER 300 LBS/ ACRE	GOLDEN-YARROW	1.00	0.90
DEERWEED 3.00 2.70 MOOD LUPINE 1.50 1.30 RED MONKEY FLOWER 0.20 0.20 BARKWORTH 6.00 5.40 BABY-BLUE-EYES 2.00 1.80 CALIFORNIA BLUE-EYED-GRASS 2.00 1.80 VERBENA 0.50 0.50 VULPIA 4.00 3.60 TOTAL LBS/ACRE 23.00 WOOD FIBER MULCH 2500 LBS/ ACRE IO-IO-IO FERTILIZER 300 LBS/ ACRE	GOLDFIELDS	0.50	0.50
MOOD LUPINE 1.50 1.30 RED MONKEY FLOWER 0.20 0.20 BARKWORTH 6.00 5.40 BABY-BLUE-EYES 2.00 1.80 CALIFORNIA BLUE-EYED-GRASS 2.00 1.80 VERBENA 0.50 0.50 VULPIA 4.00 3.60 TOTAL LBS/ACRE 23.00 WOOD FIBER MULCH 2500 LBS/ ACRE 10-10-10 FERTILIZER 300 LBS/ ACRE	TIDY TIPS	0.50	0.50
RED MONKEY FLOWER 0.20 0.20 BARKWORTH 6.00 5.40 BABY-BLUE-EYES 2.00 1.80 CALIFORNIA BLUE-EYED-GRASS 2.00 1.80 VERBENA 0.50 0.50 VULPIA 4.00 3.60 TOTAL LBS/ACRE 23.00 WOOD FIBER MULCH 2500 LBS/ ACRE 10-10-10 FERTILIZER 300 LBS/ ACRE	DEERWEED	3.00	2.70
BARKWORTH 6.00 5.40 BABY-BLUE-EYES 2.00 1.80 CALIFORNIA BLUE-EYED-GRASS 2.00 1.80 VERBENA 0.50 0.50 VULPIA 4.00 3.60 TOTAL LBS/ACRE 23.00 WOOD FIBER MULCH 2500 LBS/ ACRE IO-IO-IO FERTILIZER 300 LBS/ ACRE	WOOD LUPINE	1.50	1.30
BABY-BLUE-EYES 2.00 1.80 CALIFORNIA BLUE-EYED-GRASS 2.00 1.80 VERBENA 0.50 0.50 VULPIA 4.00 3.60 TOTAL LBS/ACRE 23.00 WOOD FIBER MULCH 2500 LBS/ ACRE IO-IO-IO FERTILIZER 300 LBS/ ACRE	RED MONKEY FLOWER	0.20	0.20
CALIFORNIA BLUE-EYED-GRASS 2.00 1.80 VERBENA 0.50 0.50 VULPIA 4.00 3.60 TOTAL LBS/ACRE 23.00 WOOD FIBER MULCH 2500 LBS/ ACRE IO-IO-IO FERTILIZER 300 LBS/ ACRE	BARKWORTH	6.00	5.40
VERBENA 0.50 0.50 VULPIA 4.00 3.60 TOTAL LBS/ACRE 23.00 WOOD FIBER MULCH 2500 LBS/ ACRE IO-IO-IO FERTILIZER 300 LBS/ ACRE	BABY-BLUE-EYES	2.00	1.80
VULPIA 4.00 3.60 TOTAL LBS/ACRE 23.00 WOOD FIBER MULCH 2500 LBS/ ACRE IO-IO-IO FERTILIZER 300 LBS/ ACRE	CALIFORNIA BLUE-EYED-GRASS	2.00	1.80
TOTAL LBS/ACRE 23.00 WOOD FIBER MULCH 2500 LBS/ ACRE 10-10-10 FERTILIZER 300 LBS/ ACRE	VERBENA	0.50	0.50
WOOD FIBER MULCH 2500 LBS/ ACRE 300 LBS/ ACRE	VULPIA	4.00	3.60
10-10-10 FERTILIZER 300 LBS/ ACRE	TOTAL LBS/ACRE		23.00
- ''주시구의 (T. 11 - T. 17 - T. 18 - 18 - 18 - 18 - 18 - 18 - 18 - 18	WOOD FIBER MULCH		2500 LBS/ ACRE
ORGANIC SOIL BINDER (BIO BINDER) 130 LBS/ ACRE	10-10-10 FERTILIZER		300 LBS/ ACRE
	ORGANIC SOIL BINDER (BIO BIND	ER)	130 LBS/ ACRE

LANDSCAPE ARCHITECT CERTIFICATION 1) I ANTHONY D. LAWSON, CERTIFY THAT THE LANDSCAPE & IRRIGATION PLANS AS SHOWN HEREON PER THIS GRADING PLAN PDS2004-2700-14724 SATISFY THE GRADING ORDINANCE REQUIREMENTS AS STATED PER SECTION 87.417 (PLANTING) AND SECTION 87.418 (IRRIGATION).

" I AM FAMILIAR WITH THE REQUIREMENTS FOR GRADING DESIGN PLANS CONTAINED IN THE COUNTY LANDSCAPE WATER CONSERVATION REGULATIONS. IN TITLE 8, DIVISION 6, CHAPER 7 OF THE SAN DIEGO COUNTY CODE OF REGULATORY ORDINANCES. I HAVE PREPARED THIS PLAN IN COMPLIENCE WITH THOSE REGULATIONS. I CERTIFY THAT THE PLAN IMPLEMENTS THOSE REGULATIONS TO PROVIDE EFFICIENT USE OF WATER."

12-5-18 DATE SIGNATURE

SEE SHEET L-2 FOR IRRIGATION PLANS SEE SHEET L-3 FOR IRRIGATION NOTES & LEGEND SEE SHEET L-4 FOR IRRIGATION DETAILS SEE SHEET L-5 FOR PLANTING PLANS SEE SHEET L-6 FOR PLANTING NOTES & LEGEND SEE SHEET L-7 FOR PLANTING DETAILS SEE SHEET L-8 FOR HYDROZONE DIAGRAM





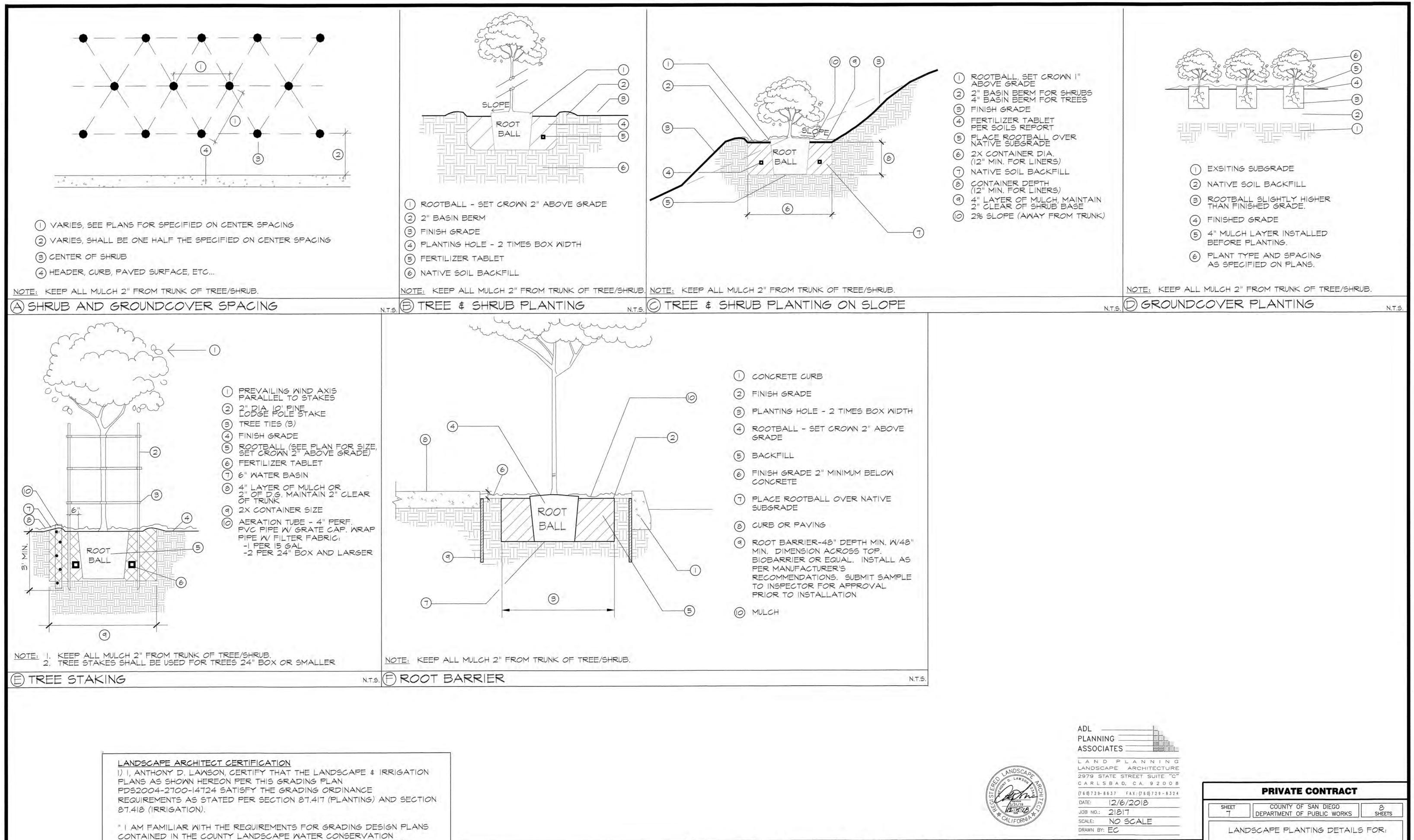
SCALE: NO SCALE DRAWN BY: EC

DESCRIPTION: COUNTY OF SAN DIEGO MONUMENT "ES 0263" A BRASS DISK IN CONCRETE MONUMENT LOCATION: NORTHEAST OF THE INTERSECTION OF SOUTH SANTA FE AVE. AND BUENA CREEK ROAD RECORD FROM: COUNTY OF SAN DIEGO ELEVATION: 445.398 DATUM: NGVD 29

BENCH MARK

Underground Service Alert Call: TOLL FREE 1-800 422-4133 TWO WORKING DAYS BEFORE YOU DIG

PRIVATE CONTRACT COUNTY OF SAN DIEGO DEPARTMENT OF PUBLIC WORKS SHEETS LANDSCAPE PLANTING NOTES & LEGEND FOR TM 5443 RPL3 CALIFORNIA COORDINATE INDEX 370-1701 ENGINEER OF WORK APPROVED FOR WILLIAM P. MORGAN COUNTY ENGINEER RONALD L. HOLLOWAY R.C.E. 29271 PDS2017-LDGRMJ-30120 GRADING PERMIT NO:



SEE SHEET L-2 FOR IRRIGATION PLANS
SEE SHEET L-3 FOR IRRIGATION NOTES & LEGEND
SEE SHEET L-4 FOR IRRIGATION DETAILS
SEE SHEET L-5 FOR PLANTING PLANS
SEE SHEET L-6 FOR PLANTING NOTES & LEGEND
SEE SHEET L-7 FOR PLANTING DETAILS
SEE SHEET L-8 FOR HYDROZONE DIAGRAM

REGULATIONS, IN TITLE 8, DIVISION 6, CHAPER 7 OF THE SAN DIEGO

COUNTY CODE OF REGULATORY ORDINANCES. I HAVE PREPARED THIS

PLAN IMPLEMENTS THOSE REGULATIONS TO PROVIDE EFFICIENT USE OF

12-5-18

DATE

PLAN IN COMPLIENCE WITH THOSE REGULATIONS. I CERTIFY THAT THE

WATER."

SIGNATURE

REVIEWED BY:

Ounty approved changes

No. Description:

Approved BY:

DATE

REVIEWED BY:

INSPECTOR

COUNTY Approved Changes

Approved BY:

DATE

REVIEWED CHANGES

Approved BY:

DATE

NO. DESCRIPTION:

Approved BY:

REVIEWED B

BENCH MARK

DESCRIPTION: COUNTY OF SAN DIEGO MONUMENT "ES 0263",

A BRASS DISK IN CONCRETE MONUMENT

LOCATION: NORTHEAST OF THE INTERSECTION OF SOUTH

SANTA FE AVE. AND BUENA CREEK ROAD

RECORD FROM: COUNTY OF SAN DIEGO

ELEVATION: 445.398 DATUM: NGVD 29

LANDSCAPE I

LANDSCAPE II

CALIFORNIA COORDINATE

APPROVED FOR WILLIAM P. MO
COUNTY ENGINEER
BY:

BY: DATE

SHEET COUNTY OF SAN DIEGO SHEETS

LANDSCAPE PLANTING DETAILS FOR:

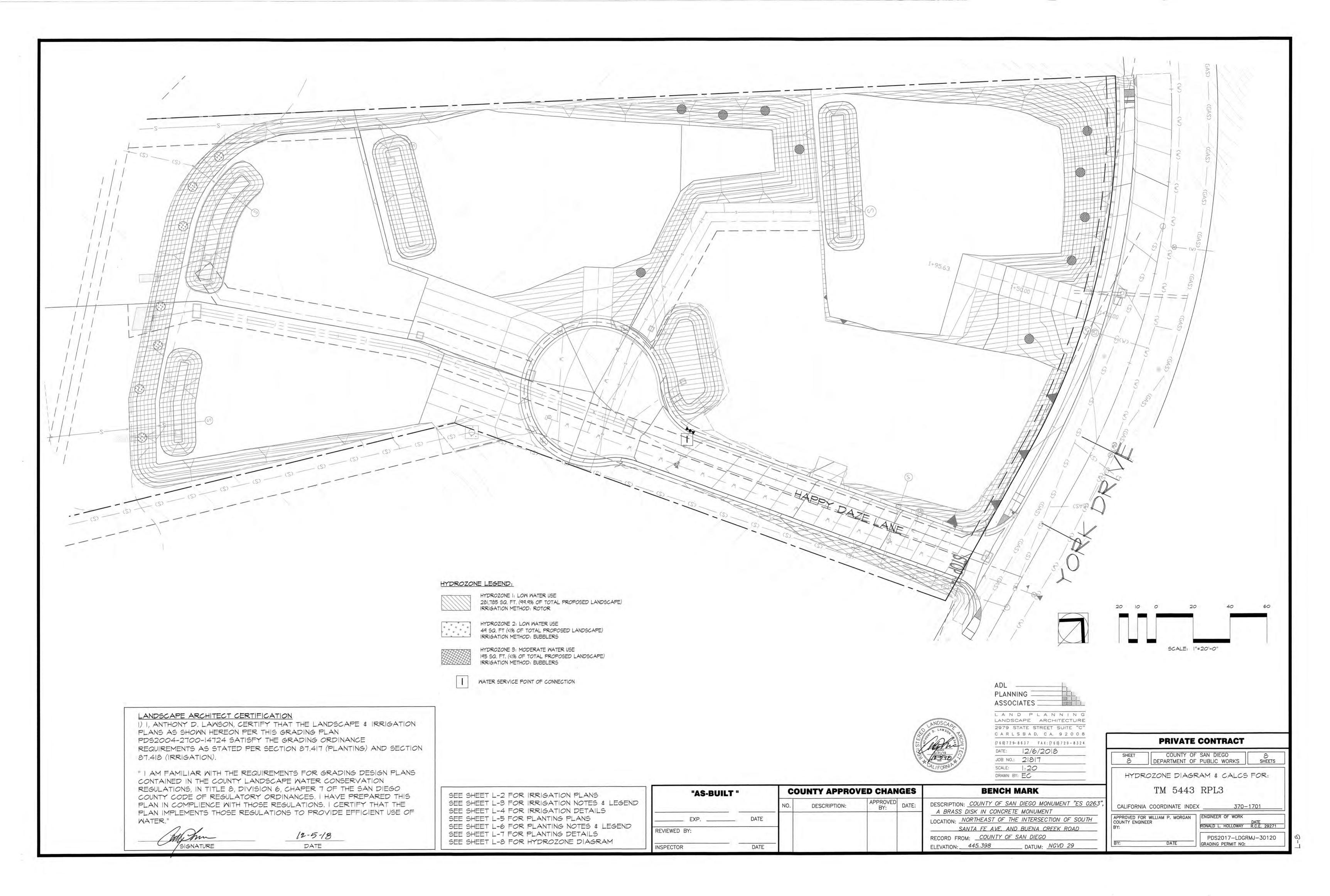
TM 5443 RPL3

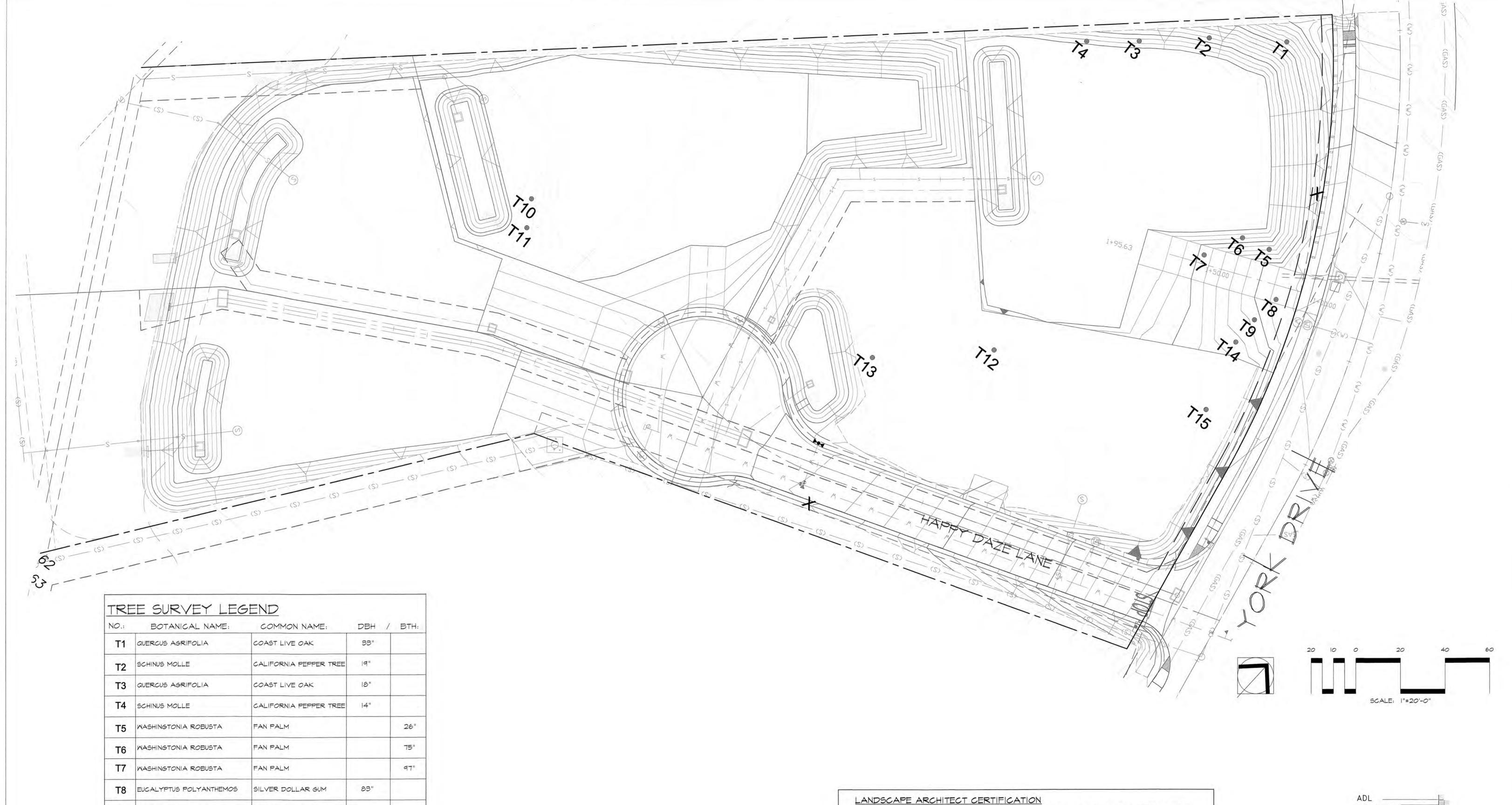
CALIFORNIA COORDINATE INDEX 370-1701

APPROVED FOR WILLIAM P. MORGAN COUNTY ENGINEER BY:

PDS2017-LDGRMJ-30120
GRADING PERMIT NO:

7





NOTES:
I. CRITERIA FOR TOTAL EXISTING DBH / BTH INCLUDE: ONLY TREES IN FAIR CONDITION AND TREES WITH DBH IO" OR GREATER ARE COUNTED TOWARD DBH TOTAL.

2. DUE TO THE LAYOUT OF PROPOSED BUILDINGS AND HARDSCAPE SURFACES, AND THE GENERAL HEALTH OF EXISTING TREES, ALL EXISTING

DBH: DIAMETER AT BREAST HEIGHT BTH: BROWN TRUNK HEIGHT (PALMS)

TREES ARE TO BE REMOVED.

T9 JUNIPERUS CHINENSIS 'TORULOSA' HOLLYWOOD JUNIPER

FAN PALM

FAN PALM

FAN PALM

FAN PALM

GOLDEN RAINTREE

12'

17

85"

TOTAL EXISTING DBH / BTH: 395" 83'-6"

T10 MASHINGTONIA ROBUSTA

T11 WASHINGTONIA ROBUSTA

T12 WASHINGTONIA ROBUSTA

T13 WASHINGTONIA ROBUSTA

T14 KOELREUTERIA PANICULATA

T15 FRAXINUS VELUTINA 'MODESTO' MODESTO ASH

T1 EXISTING TREE TO BE REMOVED (TYPICAL)

X NOT APPLICABLE (NO TREE EXISTS, OR TREE IS DEAD/UPROOTED)

I) I, ANTHONY D. LAWSON, CERTIFY THAT THE LANDSCAPE & IRRIGATION PLANS AS SHOWN HEREON PER THIS GRADING PLAN PDS2004-2700-14724 SATISFY THE GRADING ORDINANCE REQUIREMENTS AS STATED PER SECTION 87.417 (PLANTING) AND SECTION 87.418 (IRRIGATION).

"I AM FAMILIAR WITH THE REQUIREMENTS FOR GRADING DESIGN PLANS CONTAINED IN THE COUNTY LANDSCAPE WATER CONSERVATION REGULATIONS, IN TITLE 8, DIVISION 6, CHAPER 7 OF THE SAN DIEGO COUNTY CODE OF REGULATORY ORDINANCES. I HAVE PREPARED THIS PLAN IN COMPLIENCE WITH THOSE REGULATIONS. I CERTIFY THAT THE PLAN IMPLEMENTS THOSE REGULATIONS TO PROVIDE EFFICIENT USE OF WATER."

SIGNATURE

12-5-18

DATE



ADL
PLANNING
ASSOCIATES

LAND PLANNING
LANDSCAPE ARCHITECTURE
2979 STATE STREET SUITE "C"
CARLSBAD, CA. 9 2 0 0 8
(760) 729-8637 FAX: (760) 729-8324

DATE: 12/6/2018

DATE: |2/6/20|8

JOB NO.: 2|8|7

SCALE: |:20

DRAWN BY: EC

EXISTING PLANTS TO BE RETAINED/REMOVED FOR:

TM 5443 RPL3

THIS GRADING PLAN HAS BEEN REVIEWED BY THE UNDERSIGNED AND FOUND TO BE IN

GRADING WORK SHALL BE DONE IN ACCORDANCE WITH THE SPECIFICATIONS AND

(1) DEFEND, INDEMNIFY AND HOLD HARMLESS THE COUNTY, ITS AGENTS, OFFICERS

AGENTS. OFFICERS AND EMPLOYEES TO ATTACK, SET ASIDE, VOID OR ANNUL THIS

AND EMPLOYEES FROM ANY CLAIM, ACTION OR PROCEEDING AGAINST THE COUNTY, ITS

APPROVAL OR ANY OF THE PROCEEDINGS ACTS OR DETERMINATIONS TAKEN, DONE OR

(2) REIMBURSE THE COUNTY, ITS AGENTS, OFFICERS OR EMPLOYEES FOR ANY COURT

COSTS AND ATTORNEY'S FEES WHICH THE COUNTY, ITS AGENTS OFFICERS OR

APPROVAL. AT ITS SOLE DISCRETION, THE COUNTY MAY PARTICIPATE AT ITS OWN

COUNTY SHALL NOTIFY THE APPLICANT PROMPTLY OF ANY CLAIM OR ACTION AND

EXPENSE IN THE DEFENSE OF ANY SUCH ACTION, BUT SUCH PARTICIPATION SHALL

NOT RELIEVE THE APPLICANT OF ANY OBLIGATION IMPOSED BY THIS CONDITION. THE

EMPLOYEES MAY BE REQUIRED BY A COURT TO PAY AS A RESULT OF SUCH

CONFORMANCE WITH THE RECOMMENDATIONS AS OUTLINED IN OUR SOILS REPORT FOR THIS

PROJECT. THE SOILS REPORT SHALL BE CONSIDERED AS A PART OF THIS PLAN, AND ALL

RECOMMENDATIONS OF SAID REPORTS DATED: JANUARY 11, 2017, PREPARED BY VINJE &

A.P.N. 184-012-31

A.P.N. 184-012-41

STANDARD SPECIFICATIONS SOILS ENGINEER STATEMENT:

STANDARD SPECIFICATIONS FOR PUBLIC WORKS CONSTRUCTION (2003) INCLUDING THE REGIONAL AND SAN DIEGO SUPPLEMENT AMENDMENTS.

CALIFORNIA MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES FOR STREET AND HIGHWAYS(FHAWA'S MUTCD 2003 EDITION, AS AMENDED FOR USE IN CALIFORNIA).

STANDARD DRAWINGS

- COUNTY OF SAN DIEGO STANDARD DRAWINGS, SEPTEMBER 2012 EDITION
- CALIFORNIA DEPARTMENT OF TRANSPORTATION STANDARD PLANS. 3. REGIONAL STANDARD DRAWINGS.

IMPORTANT NOTICE

SECTION 4216 14217 OF THE GOVERNMENT CODE REQUIRES A DIGALERT IDENTIFICATION NUMBER BE ISSUED BEFORE A "PERMIT TO EXCAVATE WILL BE VALID. FOR YOUR DIGALERT I. D. NUMBER CALL UNDERGROUND SERVICE ALERT.

TOLL FREE: 1-800-422-4133 TWO WORKING DAYS BEFORE YOU DIG.

SHEET 1 TITLE SHEET SHEET 2 NOTES & SECTIONS SHEET 3 GRADING PLAN

SHEET 4 GRADING PLAN

SHEET 7 BMP NOTES PLAN & DETAILS

SHEET 8

A.P.N. 184-012-19

SHEET INDEX

SHEET 5 -6 DRAINAGE MANAGEMENT AREA EXHIBIT, DETAILS & CALCS

EROSION CONTROL & CONSTRUCTION BMPs

SOLAR ACCESS CERTIFICATE

I DECLARE THAT THIS GRADING PLAN HAS PRESERVED A MINIMUM OF ONE HUNDRED SQ. FT. OF SOLAR ACCESS FOR EACH LOT CREATED BY THIS SUBDIVISION PURSUANT TO SECTION 81.401 (m) OF THE SUBDIVISION ORDINANCE.

DEFENSE OF LAWSUITS AND INDEMNITY

RONALD L. HOLLOWAY R.C.E. 29271 EXP. 3/31/17

MIDDLETON ENGINEERING, INC.

2450 AUTO PARK WAY

ESCONDIDO, CA 92029

THE APPLICANT SHALL:

760-743-1214

VINJE & MIDDLETON ENGINEERING, INC.

MADE PRIOR TO THIS APPROVAL; AND

COOPERATE FULLY IN THE DEFENSE.

OWNER'S/PERMITTEE'S UDT DATED NOVEMBER 15, 1974

GARY OTTO VAN EIK AND KAREN VAN EIK, TRUSTORS AS OWNERS NAME: GARY OTTO VAN EIK, TRUSTEE

ADDRESS: 841 QUAILS TRAIL VISTA, CA 92081

(858) 453-1331 TELEPHONE NO:

SHORT LEGAL DESCRIPTION: PORTIONS OF LOTS 18 AND 19 OF NEW GARDENS, ACCORDING TO MAP NO. 2046, TOGETHER WITH A PORTION OF THE

WESTERLY HALF OF CLARENCE DRIVE AS SHOWN ON SAID MAP NO. 2046 BEING IN THE COUNTY OF SAN DIEGO, STATE OF CALIFORNIA 184-012-12

SITE ADDRESS: 1505 YORK DRIVE, VISTA, CA

UNDERGROUND SERVICE ALERT CALL TOLL FREE 1-800-422-4133

WITH CURRENT STANDARDS.

RCE NO: 29271

RESPONSIBILITIES FOR PROJECT DESIGN.

RONALD L. HOLLOWAY

TWO WORKING DAYS BEFORE YOU DIG

DECLARATION OF RESPONSIBLE CHARGE

BUSINESS AND PROFESSIONS CODE, AND THAT THE DESIGN IS CONSISTEN

IFICATIONS BY THE COUNTY OF SAN DIEGO IS CONFINED TO REVIEW ONLY

EXPIRES: _3-31-17

UNDERSTAND THAT THE CHECK OF PROJECT DRAWINGS AND SPEC-

HEREBY DECLARE THAT I AM THE ENGINEER OF WORK FOR THIS

DESIGN OF THE PROJECT AS DEFINED IN SECTION 6703 OF THE

AND DOES NOT RELIEVE ME, AS ENGINEER OF WORK, OF MY

PROJECT, THAT I HAVE EXERCISED RESPONSIBLE CHARGE OVER THE

CITY ENGINEER LD16-018, DWG-4544 **BSD AS-BUILTS**

CITY OF VISTA

SEASON AVOIDANCE SHALL BE IMPLEMENTED ON ALL PLANS. THERE SHALL BE NO BRUSHING, CLEARING AND/OR GRADING SUCH THAT NONE WILL BE ALLOWED DURING THE BREEDING SEASON OF MIGRATORY BIRDS OR RAPTORS. BETWEEN JANUARY 15 AND AUGUST 31. THE DIRECTOR OF PDS MAY WAIVE THIS CONDITION, THROUGH WRITTEN CONCURRENCE FROM THE US FISH AND WILDLIFE SERVICE AND THE CALIFORNIA DEPARTMENT OF FISH AND WILDLIFE, PROVIDED THAT NO NESTING OR BREEDING BIRDS ARE PRESENT WITHIN 300 FEET OF THE BRUSHING, CLEARING OR GRADING (500 FEET FOR RAPTORS) BASED ON A SURVEY CONDUCTED BY A COUNTY-APPRVOED BIOLOGICAL CONSULTANT WITHIN SEVEN DAYS PRIOR TO THE PROPOSED START OF CLEARING/GRADING. IF NESTING BIRDS ARE PRESENT IN THE VICINITY, PRIOR TO GRANTING PERMISSION PDS AND THE WILDLIFE AGENCIES MAY REQUIRE AVOIDANCE MEASURES SUCH AS. BUT NOT LIMITED TO, STAKING AND POSTING AN AREA 300 FEET FROM THE NEST TO PROHIBIT ALL CLEARING GRUBBING AND CONSTRUCTION WORK WITHIN THE PERIMETER UNTIL THE QUALIFIED BIOLOGIST DETERMINES THAT THE NESTS ARE NO LONGER OCCUPIED WITH WRITTEN NOTIFICATION TO THE APPROVAL OF THE DIRECTOR OF PDS.

NOTICE: IN ORDER TO AVOID IMPACTS

TO NESTING MIGRATORY BIRDS AND RAPTORS.

RESOURCE PURSUANT TO CEQA, THE MBTA

AND FISH AND WILDLIFE CODE, BREEDING

WHICH ARE A SENSITIVE BIOLOGICAL

GRADING & EROSION CONTROL PLANS FOR:

1505 YORK DRIVE

COUNTY OF SAN DIEGO TRACT NO. 5443 RPL3

DISTURBED AREA CALCULATIONS PADSI 47,316 SLOPES 21,537 SF DRIVEWAYS 525 15,254 STREETS 84,632 TOTAL

RONALD L. HOLLOWAY

COUNTY OF SAN DIEGO

VISTA FIRE

PROTECTION DISTRICT

PDS ENVIRONMENTAL

APPROVED FOR COMPLIANCE WITH THE

ENVIRONMENTAL REVIEW.

DATE: _____

APPROVED:

APPROVED:

DATE:

TERRACE BROW DITCH..... DRIVEWAY ... BIOFILTRATION RIP RAP (3'x5'x1.1' NO. 2 BACKING) RIP RAP ENERGY DISSIPATOR. AND HEADWALL PER PLAN

* PER SEPT. 2012 SAN DIEGO REGIONAL STANDARD DRAWINGS DHA, Inc.

WATER SERVICE WILL BE PROVIDED.

APPROVED

DISTRICT ENGINEER RCE

APPROVAL VALID FOR (2) YEARS FROM DATE.

5115 AVENIDA ENCINAS SUITE "L" CARLSBAD, CA. 92008-4387 (760) 931-8700

VISTA IRRIGATION DISTRICT.

THAT MAY BE SHOWN HEREON NOR DOES IT IMPLY THAT

BUENA SANITATION DEPARTMENT

SEWER BASIN NO. OV1(69-70) (FOR SEWER IMPROVEMENTS SEE DWG-4501)

DATE

land planning, civil engineering, surveying NOTE:
CONTRACTOR TO VERIFY THE LOCATION OF ALL EXISTING FACILITIES PRIOR TO CONSTRUCTION AND PROTECT ALL FACILITIES DURING CONSTRUCTION.

SOURCE OF TOPOGRAPHY:

HYDROLOGY AND HYDRAULIC REPORT,

WITH THIS PROJECT OR UNDER MY CONTROL.

ADDRESS 841 QUAILS TRAIL

WORK TO BE DONE

LEGEND

PROJECT BOUNDARY ..

EXISTING CONTOURS

FLOW LINE ELEVATION ...

FINISH GRADE ELEVATION...

CUT SLOPE (1.5:1 MAXIMUM)..

FILL SLOPE (2:1 MAXIMUM)...

CUT/FILL LINE.....

TYPE F CATCH BASIN..

TYPE A CLEANOUT ...

36"X36" CATCH BASIN...

TYPE B CURB INLET

DAYLIGHT LINE (LIMITS OF GRADING).....

STORM DRAIN PIPES (SIZE & TYPE NOTED) SEE TM 5443

FINISH CONTOURS

EARTHEN SWALE

FLOW DIRECTION ...

AC PAVEMENT.

EXISTING EDGE OF PAVEMENT ..

GARY OTTO VAN EIK, AS TRUSTEE

VISTA, CA 92081

OWNER'S CERTIFICATION:

BY: BHA, INC.

OF THE IMPROVEMENTS.

PREPARED BY TOWILL, INC. 5933 SEA LION PLACE, STE. 100 CARLSBAD, CA 92008 DATED 11/5/2004

HYDROLOGY/HYDRAULIC REPORT:

IT IS AGREED THAT FIELD CONDITIONS MAY REQUIRE CHANGES TO THESE PLANS.

IT IS FURTHER AGREED THAT THE OWNER SHALL HAVE A REGISTERED CIVIL ENGINEER MAKE

PUBLIC WORKS DETERMINES ARE NECESSARY AND DESIRABLE FOR THE PROPER COMPLETION

SUCH CHANGES, ALTERATIONS OR ADDITIONS TO THESE PLANS WHICH THE DIRECTOR OF

I FURTHER AGREE TO COMMENCE WORK ON ANY IMPROVEMENTS SHOWN ON THESE PLANS

CONSTRUCTION PERMIT AND TO PURSUE SUCH WORK ACTIVELY ON EVERY NORMAL WORKING

DAY UNTIL COMPLETED, IRRESPECTIVE AND INDEPENDENT OF ANY OTHER WORK ASSOCIATED

GARY OTTO VAN EIK AND KAREN VAN EIK, TRUSTORS AS OWNERS

DATE

SYMBOL

FL

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ELEVATION: 445.398

RECORD FROM: COUNTY OF SAN DIEGO

DATUM: NGVD 29

WITHIN EXISTING COUNTY RIGHT-OF-WAY WITHIN 60 DAYS AFTER ISSUANCE OF THE

UDT DATED NOVEMBER 15, 1974

GRADING AND DRAINAGE WORK CONSIST OF THE FOLLOWING WORK TO BE DONE ACCORDING TO THESE PLANS, THE CURRENT

SPECIFICATIONS FOR PUBLIC WORKS CONSTRUCTION, 2003

SAN DIEGO AREA REGIONAL STANDARD DRAWINGS, THE STANDARD

EDITION AND PER THE SAN DIEGO COUNTY GRADING ORDINANCE.

DWG.NO.

SEE TM 5443

SEE TM 5443

D-30

D-36

COUNTY APPROVED CHANGES THE REVIEW GIVEN HERE IS FOR THE GRADING LAYOUT AND IS NOT FOR THE CONSTRUCTION OF ANY WATER FACILITIES

DESCRIPTION: BY:

GENERAL NOTES

- 1. APPROVAL OF THIS GRADING PLAN DOES NOT CONSTITUTE APPROVAL OF VERTICAL OR HORIZONTAL ALIGNMENT OF ANY PRIVATE ROAD SHOWN HEREON FOR COUNTY ROAD PURPOSES.
- 2. FINAL APPROVAL OF THESE GRADING PLANS SUBJECT TO FINAL APPROVAL OF THE ASSOCIATED IMPROVEMENT PLANS WHERE APPLICABLE. FINAL CURB ELEVATIONS MAY REQUIRE CHANGES IN THESE PLANS.
- 3. IMPORT MATERIAL SHALL BE OBTAINED FROM A LEGAL SITE.
- 4. A CONSTRUCTION, EXCAVATION OR ENCROACHMENT PERMIT FROM THE DEPARTMENT OF PUBLIC WORKS WILL BE REQUIRED FOR ANY WORK IN THE COUNTY RIGHT-OF-WAY.
- 5. ALL SLOPES OVER THREE FEET IN HEIGHT WILL BE PLANTED IN ACCORDANCE WITH SAN DIEGO COUNTY SPECIFICATIONS.
- 6. THE CONTRACTOR SHALL VERIFY THE EXISTENCE AND LOCATION OF ALL UTILITIES BEFORE COMMENCING WORK. NOTICE OF PROPOSED WORK SHALL BE GIVEN TO THE FOLLOWING AGENCIES:

SAN DIEGO GAS & ELECTRIC: TELEPHONE NO. 1-800-422-4133 PACIFIC TELEPHONE: TELEPHONE NO: 1-800-422-4133 TELEPHONE NO: 1-800-422-4133 TELEPHONE NO: 1-760-726-1340 SEWER: TELEPHONE NO: 1-800-422-4133 WATER:

7. A SOILS REPORT MAY BE REQUIRED PRIOR TO THE ISSUANCE OF A BUILDING

8. APPROVAL OF THESE PLANS BY THE DIRECTOR OF PUBLIC WORKS DOES NOT AUTHORIZE ANY WORK OR GRADING TO BE PERFORMED UNTIL THE PROPERTY OWNER'S PERMISSION HAS BEEN OBTAINED AND VALID GRADING PERMIT HAS BEEN

9. THE DIRECTOR OF PUBLIC WORKS' APPROVAL OF THESE PLANS DOES NOT CONSTITUTE COUNTY BUILDING OFFICIAL APPROVAL OF ANY FOUNDATION FOR STRUC-TURES TO BE PLACED ON THE ITEMS COVERED BY THESE PLANS. NO WAIVER OF THE GRADING ORDINANCE REQUIREMENTS CONCERNING MINIMUM COVER EXPANSIVE SOIL IS MADE OR IMPLIED (SECTIONS 87.403 & 87.410). ANY SUCH WAIVER MUST BE OBTAINED FROM THE DIRECTOR OF PLANNING AND LAND USE.

10.ALL OPERATIONS CONDUCTED ON THE PREMISES, INCLUDING THE WARMING UP, REPAIR, ARRIVAL, DEPARTURE OR RUNNING OF TRUCKS. EARTHMOVING EQUIPMENT AND ANY OTHER ASSOCIATED GRADING EQUIPMENT SHALL BE LIMITED TO THE PERIOD BETWEEN 7:00 AM AND 6:00 PM EACH DAY. MONDAY THRU SATURDAY, AND NO EARTHMOVING OR GRADING OPERATIONS SHALL BE CONDUCTED ON THE PREMISES ON SUNDAYS OR HOLIDAYS.

11.ALL MAJOR SLOPES SHALL BE ROUNDED INTO EXISTING TERRAIN TO PRODUCE A CON-TOURED TRANSITION FROM CUT OR FILL FACES TO NATURAL GROUND AND ABUTTING CUT OR FILL SURFACES.

12.NOTWITHSTANDING THE MINIMUM STANDARDS SET FORTH IN THE GRADING ORDIANCE AND NOTWITHSTANDING THE APPROVAL OF THESE GRADING PLANS, THE PERMITTEE IS RESPON-IBLE FOR THE PREVENTION OF DAMAGE TO ADJACENT PROPERTY. NO PERSON SHALL EXCAVATE ON LAND SO CLOSE TO THE PROPERTY LINE AS TO ENDANGER ANY ADJOINING PUBLIC STREET, SIDEWALK ALLEY, FUNCTION OF ANY SEWAGE DISPOSAL SYSTEM, OR ANY OTHER PUBLIC OR PRIVATE PROPERTY WITHOUT SUPPORTING AND PROTECTING SUCH PROPERTY FROM SETTLING, CRACKING, EROSION SILTING, SCOUR OR OTHER DAMAGE WHICH MIGHT RESULT FROM THE GRADING DESCRIBED ON THIS PLAN. THE COUNTY WILL HOLD THE PERMITTEE RESPONSIBLE FOR CORRECTION OF NON-DEDICTED IMPROVEMENTS WHICH DAMAGE ADJACENT PROPERTY.

13.SLOPE RATIOS:

CUT-1.5:1 FOR MINOR SLOPES UNDER 15' HIGH OR IN ROCK 2:1 FOR MAJOR FILL-2:1

EXCAVATION: 4,200 CY 4,200 CY

WASTE/IMPORT: O CY WASTE

(NOTE: A SEPARATE VALID PERMIT MUST EXIST FOR EITHER WASTE OR IMPORT AREAS)

14.SPECIAL CONDITION: IF ANY ARCHEOLOGICAL RESOURCES ARE DISCOVERED ON THE SITE OF THIS GRADING DURING GRADING OPERATIONS. SUCH OPERATIONS WILL CEASE IMMEDIATELY, AND THE PERMITTEE WILL NOTIFY THE DIRECTOR OF PUBLIC WORKS OF THE DISCOVERY PERMITTEE WILL NOTIFY THE DIRECTOR OF PUBLIC WORKS OF THE DISCOVERY, GRADING OPERATIONS WILL NOT RECOMMENCE UNTIL THE PERMITTEE HAS RECIEVED WRITTEN AUTHORITY FROM THE DIRECTOR OF PUBLIC WORKS

15.PERMANENT POST-CONSTRUCTION BMP DEVICES SHOWN ON PLAN SHALL NOT BE REMOVED OR MODIFIED WITHOUT THE APPROVAL FROM THE DEPARTMENT OF PUBLIC

16.ALL GRADING DETAILS WILL BE IN ACCORDANCE WITH SAN DIEGO COUNTY STANDARD DRAWINGS DS-8, DS-10, DS-11, AND D-75.

17.THE CONSTRUCTION OF ONE PCC STANDARD RESIDENTIAL DRIVEWAY PER LOT, LOCATION TO BE DETERMINED IN THE FIELD BY ENGINEER OF WORK. PCC SURFACING OF DRIVE-WAY TO EXTEND FROM CURB TO PROPORTY LINE. USE STANDARD DRAWINGS G-14A G-14B, G-14C, G-15 AND G-16

18.FINISHED GRADING SHALL BE CERTIFIED BY A REGISTERED CIVIL ENGINEER AND INSPECTED BY THE COUNTY ENGINEER FOR DRAINAGE CLEARANCE. (APPROVAL OF ROUGH GRADING DOES NOT CERTIFY FINISH BECAUSE OF POTENTIAL SURFACE DRAIN-AGE PROBLEMS THAT MAY BE CREATED BY LANDSCAPING ACCOMPLISHED AFTER ROUGH GRADING CERTIFICATION.

DESCRIPTION/TYPE	SHEET	S-BMP ID#	MAINTENANCE CATEGORY	MAINTENANCE AGREEMENT REC DOC. #	REVISIONS
BIOFILTRATION BASIN	3,4	BMP 1 - 5	SECOND		

* BMP'S APPROVED AS PART OF STORMWATER QUALITY MANAGEMENT PLAN (SWQMP) REVISED __ __ON FILE DPW AND CHANGES TO THE ABOVE RMP'S WILL REQUIRE SWOMP REVISION AND PLAN CHANGE APPROVALS

	DI W. AND CHANGES TO THE ADOVE DIM	S WILL REGULE SWOWN REVISION AND TEAM STATES.
PE	RMITS	
	PDS RISK NO	PRIVATE CONTRACT
TENTATIVE MAP NO.	PDS2016-TM-5443TE PDS2017-TM-5443	SHEET COUNTY OF SAN DIEGO DEPARTMENT OF PUBLIC WORKS 8 SHEETS
IMPROVEMENT PERMIT NO.	PDS2017-LDMJIP-50036	GRADING PLAN TITLE SHEET FOR: SDC PDS RCVD 12-14-18
BENC	CH MARK	TM 5443 RPL3LP-18-103
DESCRIPTION: COUNTY OF	SAN DIEGO MONUMENT "ES 0263", CRETE MONUMENT	CALIFORNIA COORDINATE INDEX
	AND BUENA CREEK ROAD	APPROVED FOR WILLIAM P. MORGAN COUNTY ENGINEER OF WORK BY: ENGINEER OF WORK DATE RONALD L. HOLLOWAY R.C.E. 29271

VID LN 2017-021 MAP I17

PDS2017-LDGRMJ-30120

GRADING PERMIT NO: