


# LANDSCAPE ARCHITECTURAL CONSTRUCTION DOCUMENTS FOR: LINCOLN BLVD. EXERCISE & PLAY PARK

## LANDSCAPING ABBREVIATIONS

ABBREV.	DESCRIPTION	ABBREV.	DESCRIPTION	ABBREV.	DESCRIPTION	ABBREV.	DESCRIPTION
AC	ASPHALTIC CONCRETE	EC	END OF CURVE	LA	LANDSCAPE ARCHITECTURE	TW	TOP OF WALL
AC	ACRES	EFF	EFFLUENT WATER	LC	LANDSCAPE CONTRACTOR	TS	TOP OF STEP
AD	AREA DRAIN	EL	ELEVATION	LF	LINEAR FEET	TYP	TYPICAL
AMPS	AMPERES	ELECT	ELECTRICAL	LP	LOW POINT	VC	VERTICAL CURVE
BC	BEGINNING OF CURVE	ENCL	ENCLOSURE	M	METER	VAR	VARIABLE
BC	BOTTOM OF CURB	EQ	EQUAL	MAX	MAXIMUM	VCP	VITRIFIED CLAY PIPE
BLDG	BUILDING	EXP JT	EXPANSION JOINT	MH	MANHOLE	W	WEST
BM	BENCH MARK	EXIST	EXISTING	MIN	MINIMUM	W/	WITH
BOW	BACK OF WALL	FD	FLOOR DRAIN	MISC	MISCELLANEOUS	W/O	WITHOUT
BOC	BACK OF CURB	FFE	FINISHED FLOOR ELEVATION	N	NORTH	WWW	WOVEN WIRE MESH
BS	BOTTOM OF SLOPE	FG	FINISHED GRADE	NIC	NOT IN CONTRACT	WM	WATER METER
BW	BOTTOM OF WALL	FH	FIRE HYDRANT	NTS	NOT TO SCALE		
CB	CATCH BASIN	FIN	FINISHED	NO	NUMBER		
CF	CUBIC FEET	FL	FLOW LINE	NOM	NOMINAL DIMENSION		
CI	CAST IRON	FOC	FACE OF CURB	OC	ON CENTER		
CL	CENTER LINE	FOW	FACE OF WALL	OD	OUTSIDE DIAMETER		
CO	CLEAN OUT	FS	FINISHED SURFACE	PC	POINT OF CURVATURE		
CONC	CONCRETE	FT	FOOT	PL	PROPERTY LINE		
CONST	CONSTRUCTION	GA	GAUGE	PT	POINT OF TANGENCY		
CONT	CONTINUOUS	GALV	GALVANIZED	R	RADIUS		
CY	CUBIC YARDS	GAL	GALLON	RCP	REINFORCED CONCRETE		
DBL	DOUBLE	GB	GRADE BREAK	RP	PIPE		
DD	DECK DRAIN	GC	GROUND COVER	ROW	RIGHT OF WAY		
DEMO	DEMOLITION	GC	GENERAL CONTRACTOR	RT	RIGHT		
DET	DETAIL	GPM	GALLONS PER MINUTE	S	SOUTH		
DF	DRINKING FOUNTAIN	HB	HOSE BIB	SQ	SQUARE		
DIA	DIAMETER	HP	HIGH POINT	SF	SQUARE FEET		
DN	DOWN	ID	INSIDE DIAMETER	SY	SQUARE YARDS		
DWG	DRAWING	IN	INCH	STA	STATION		
E	EAST	INV	INVERT	SS	STAINLESS STEEL		
EA	EACH	L	LENGTH OF CURVE	T	TANGENT		
				TC	TOP OF CURB		
				T&G	TONGUE AND GROOVE		

**RIVKAH SPOLIN LANDSCAPE**



RIVKAH SPOLIN  
1466 S. SHERBOURNE #6, LA, CA 90035  
PHONE: 310-968-4660

NO.	DATE	DESCRIPTION

REVISIONS

SHEET TITLE  
**TITLE SHEET**

OWNER  
2457 S. LINCOLN BLVD.  
2461 S. LINCOLN BLVD.  
VENICE, CA 90291

LINCOLN BLVD.  
EXERCISE & PLAY PARK

PREPARED BY: RS  
REVIEWED BY: RS

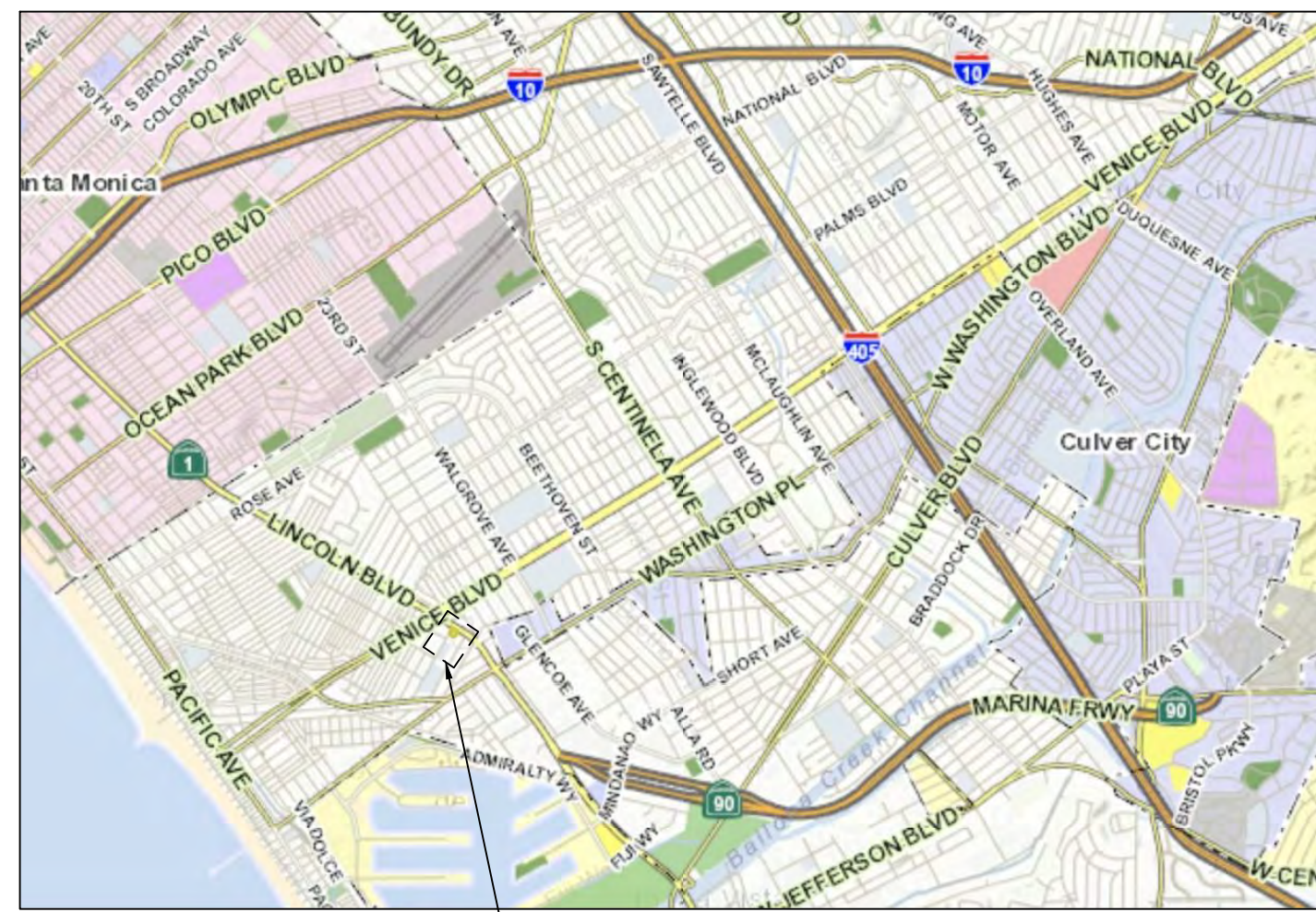
DATE: 01-13-2021

SHEET NO.

**LT-1.0**

1 OF 14

### VICINITY MAP



2457 S LINCOLN BLVD  
2461 S LINCOLN BLVD  
VENICE, CA 90291

PROJECT SITE

NOT TO SCALE

### GENERAL NOTES

A. ALL WORK SHALL CONFORM TO THE LATEST EDITION AND SUPPLEMENTS OF THE STANDARD SPECIFICATIONS FOR PUBLIC WORKS CONSTRUCTION ADOPTED BY THE DEPARTMENT OF PUBLIC WORKS OF THE CITY OF XXXXXXXXXXXX CALIFORNIA.

- SUBMITTALS.** THE CONTRACTOR SHALL SUBMIT FIVE (5) COPIES OF COMPLETE SUBMITTAL LITERATURE AND/OR INFORMATION REGARDING ALL MATERIALS AND EQUIPMENT REQUIRED FOR THE PROJECT WITHIN 30 CALENDAR DAYS OF THE AWARD OF THIS CONTRACT. SUBMITTALS SHALL INCLUDE MANUFACTURER'S NAME, ADDRESS, PHONE NUMBER AND SPECIFIC TRADE NAMES AND/OR NECESSARY DESCRIPTIVE LITERATURE. CLEARLY MARK OR UNDERLINE PROPOSED ITEMS. DELIVER SUBMITTALS FOR APPROVAL TO THE PROJECT ENGINEER.
  - PERMITS AND INSPECTIONS.** THE CONTRACTOR SHALL ARRANGE SHALL ARRANGE AND PAY FOR ALL REQUIRED PERMITS AND INSPECTIONS. DELIVER ALL PERMITS AND CERTIFICATES OF INSPECTION TO THE CITY OF LOS ANGELES RECREATION AND PARKS .
  - PROTECTION OF EXISTING FEATURES.** STREETS, SIDEWALK, AND ADJACENT PROPERTY SHALL BE PROTECTED THROUGHOUT THE WORK AS REQUIRED BY LOCAL CODES AND REGULATIONS AND APPROVED BY THE PROJECT MANAGER. THE CONTRACTOR IS RESPONSIBLE FOR THE REPLACEMENT OF ANY EXISTING MATERIALS THAT ARE DAMAGED DURING CONSTRUCTION.
  - ACCEPTANCE OF COMPLETED PROJECT.** THE PROJECT SHALL BE ACCEPTED AS COMPLETE WHEN THE FOLLOWING CONDITIONS HAVE BEEN MET:
    - ALL WORK REQUIRED BY CONTRACT ADMINISTRATION THROUGH ITS FINAL INSPECTION HAS SATISFACTORILY BEEN ACCOMPLISHED.
    - ALL AGENCIES INCLUDING THE DEPARTMENT OF BUILDING AND SAFETY HAS SIGNED OFF THE FINAL INSPECTION APPROVAL AT THE BOTTOM OF THE JOB INSPECTION CARD.
    - THE CONTRACTOR HAS MADE ALL PAYMENTS TO SUBCONTRACTORS AND MATERIAL SUPPLIERS AND NO LIENS EXIST.
- B. ANY DISCREPANCY IN THE DRAWINGS OR SPECIFICATIONS SHALL BE CALLED TO THE IMMEDIATE ATTENTION OF THE LANDSCAPE ARCHITECT. FAILURE TO DO SO WILL PLACE RESPONSIBILITY ON THE CONTRACTOR FOR CORRECTION.
- C. THE CONTRACTOR SHALL VERIFY ON SITE, ALL DIMENSIONS AND LOCATION OF ANY UNDERGROUND UTILITY.
- D. CALL BEFORE YOU DIG - 811 DIG ALERT UNDERGROUND SERVICE ALERT.

- DELINEATE THE SITE. IT IS MANDATORY THAT YOU OUTLINE THE PROPOSED EXCAVATION SITE WITH WHITE PAINT OR STAKES.
- CALL AT LEAST TWO WORKING DAYS BEFORE YOU DIG. YOU MAY CALL 14 DAYS PRIOR TO THE EXCAVATION.
- YOU ARE RESPONSIBLE FOR DAMAGE IF DAMAGE TO UNDERGROUND UTILITIES RESULTS FROM YOUR DIGGING.

### PROJECT CONTACT LIST

LANDSCAPE ARCHITECT  
NAME RIVKAH SPOLIN  
ADDRESS 1466 S. SHERBOURNE #6, LA CA 90035  
PHONE 310-968-4660

SURVEYOR CIVIL ENGINEERS / PLANNERS / LAND SURVEYORS  
NAME  
ADDRESS  
PHONE FAX

UTILITIES  
UNDERGROUND SERVICE ALERT OF SOUTHERN CALIFORNIA  
PHONE 800.422.4133

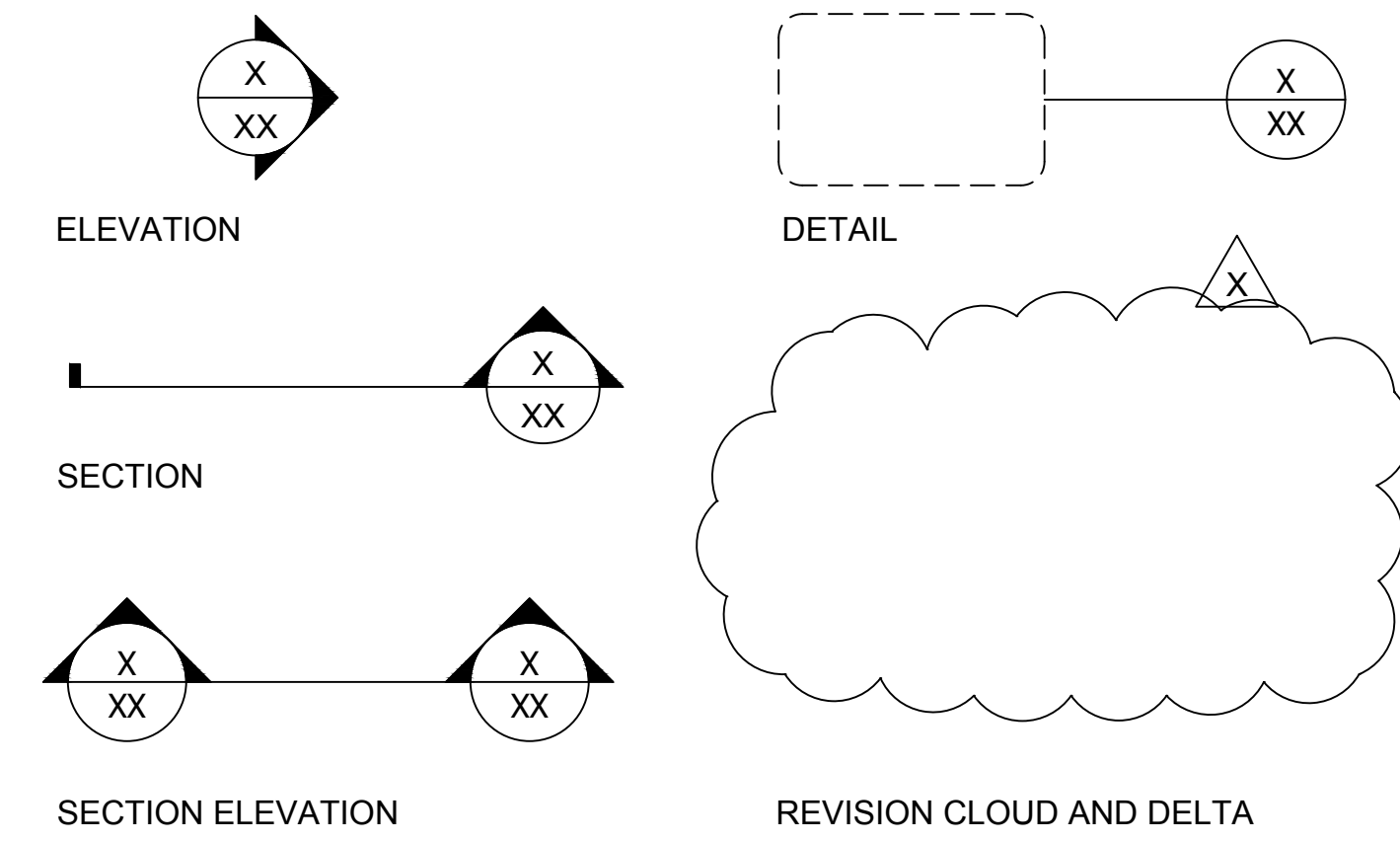
### SHEET INDEX

- LT-1.0 TITLE SHEET
- LD-1.0 DEMOLITION PLAN
- LG-1.0 GRADING AND DRAINAGE PLAN
- LC-1.0 LANDSCAPE CONSTRUCTION PLAN
- LC-1.1 LAYOUT PLAN
- LC-2.0 LANDSCAPE CONSTRUCTION DETAIL SHEET
- LP-1.0 PLANTING PLAN
- LP-2.0 PLANTING DETAIL SHEET
- LI-1.0 IRRIGATION PLAN
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- LL-1.0 LIGHTING PLAN
- LL-2.0 LIGHTING DETAILS SHEET

### APPLICATION AND PERMIT

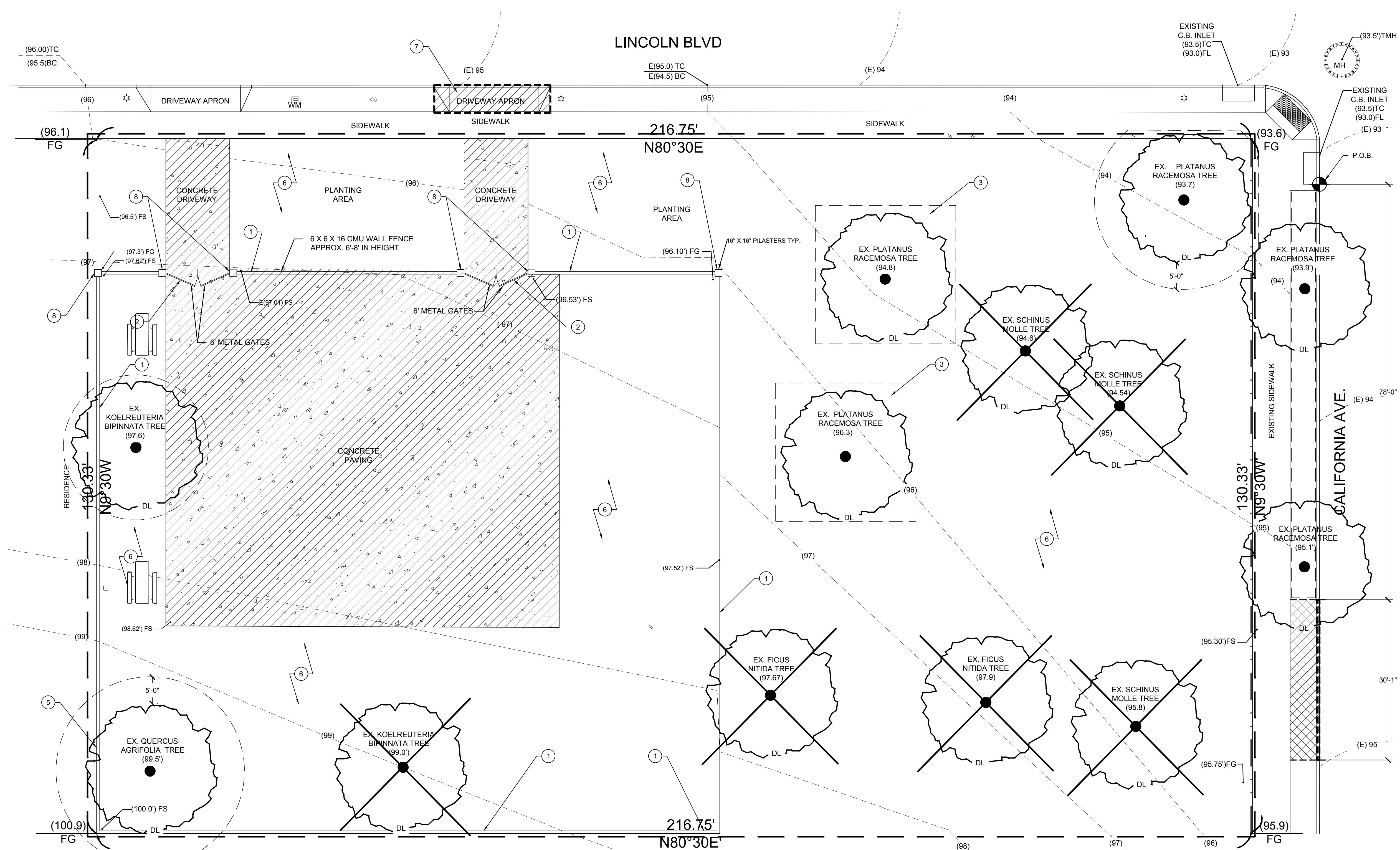
- A SEPARATE APPLICATION AND PERMIT(S) IS/ARE REQUIRED FOR
  - DEMOLITION WORK
  - RETAINING WALLS GREATER THAN 4 FEET IN HEIGHT MEASURED FROM THE BOTTOM OF THE FOOTING TO THE TOP OF THE WALL OR SUPPORTING A SURCHARGE.
  - EACH SEPARATE STRUCTURE
  - FENCES GREATER THAN SIX (6) FEET HIGH

### SYMBOLS



### PARCEL, APN, DESCRIPTION

ADDRESS/LEGAL SITE ADDRESS 2457 S LINCOLN BLVD  
 2461 S LINCOLN BLVD  
 ZIP CODE 90291  
 PIN NUMBER 1088149 694  
 LOT/PARCEL AREA 28,231.3410 (SQ FT)  
 THOMAS BROTHERS GRID PAGE 672 - GRID A5  
 ASSESSOR PARCEL NO. (APN) 4237023017  
 TRACT TR 15903  
 MAP REFERENCE S C C 14797 C F 245 L S 1-74  
 ACRES 0.6481024104683196  
 ARB (LOT CUT REFERENCE) 222  
 MAP SHEET 1088149  
 USE CODE 8800 - MISCELLANEOUS - GOVERNMENT OWNED PROPERTY



**DEMOLITION LEGEND**

- ① REMOVE FENCE
- ② REMOVE GATES
- ③ TREE TO BE BOXED, PRESERVED, AND RELOCATED BY ARBORWELL PROFESSIONAL TREE MANAGEMENT. CONTACT ARBORWELL 2 WEEKS PRIOR TO THE START OF DEMOLITION TO ARRANGE FOR TREE BOXING AND PRESERVATION. CONTACT PHONE NUMBER 888.897.1987 ORANGE COUNTY OFFICE 2031 WEST COMMONWEALTH AVE. FULLERTON, CA 92833 PRESERVE OFF SITE UNTIL LANDSCAPE CONTRACTOR REQUESTS DELIVERY SAW CUT AND REMOVE PUBLIC ROAD CURB AS SHOWN (PER SEPARATE PERMIT)
- ④ CAREFULLY REMOVE WALL AND FOOTING BY HAND, WITHIN THE TREE'S DRIP LINE. USE AIR SPADE TO REMOVE ALL SOIL WITHIN THE TREE'S TPZ.
- ⑤ ALL PLANT MATERIAL, GRASS AND WEEDS TO BE REMOVED; CLEAR AND GRUB WITHIN LIMIT OF WORK LINE TYP.
- ⑥ APRON CUT TO BE REMOVED. INSTALL NEW PARKWAY AND CURB/GUTTER (PER SEPARATE PERMIT).
- ⑧ COMPLETELY REMOVE ALL PLASTERS AND ALL FOOTINGS.

**DEMOLITION SYMBOLS LEGEND**

- DL = DRIP LINE
- TPZ = TREE PROTECTION ZONE
- = SAW CUT
- 5'-0" TPZ = TREE PROTECTION ZONE ( TYP. 5' OUTSIDE OF DL)
- TPZ = TREE TO REMAIN SHOWN WITH TREE PROTECTION ZONE
- = PARKWAY TREE TO REMAIN (FENCE ALONG PARKWAY LIMITS)
- ⊗ = EXISTING TREE TO BE REMOVED
- = EXISTING TREE TO BE BOXED, PRESERVED, AND RELOCATED. REFER TO DEMOLITION NOTES FOR ALL DETAILS AND CONTACT INFORMATION
- ▨ = EXISTING HARDSCAPE TO BE REMOVED
- ▩ = EXISTING PARKWAY TO BE REMOVED
- ⊙ = POINT OF BEGINNING

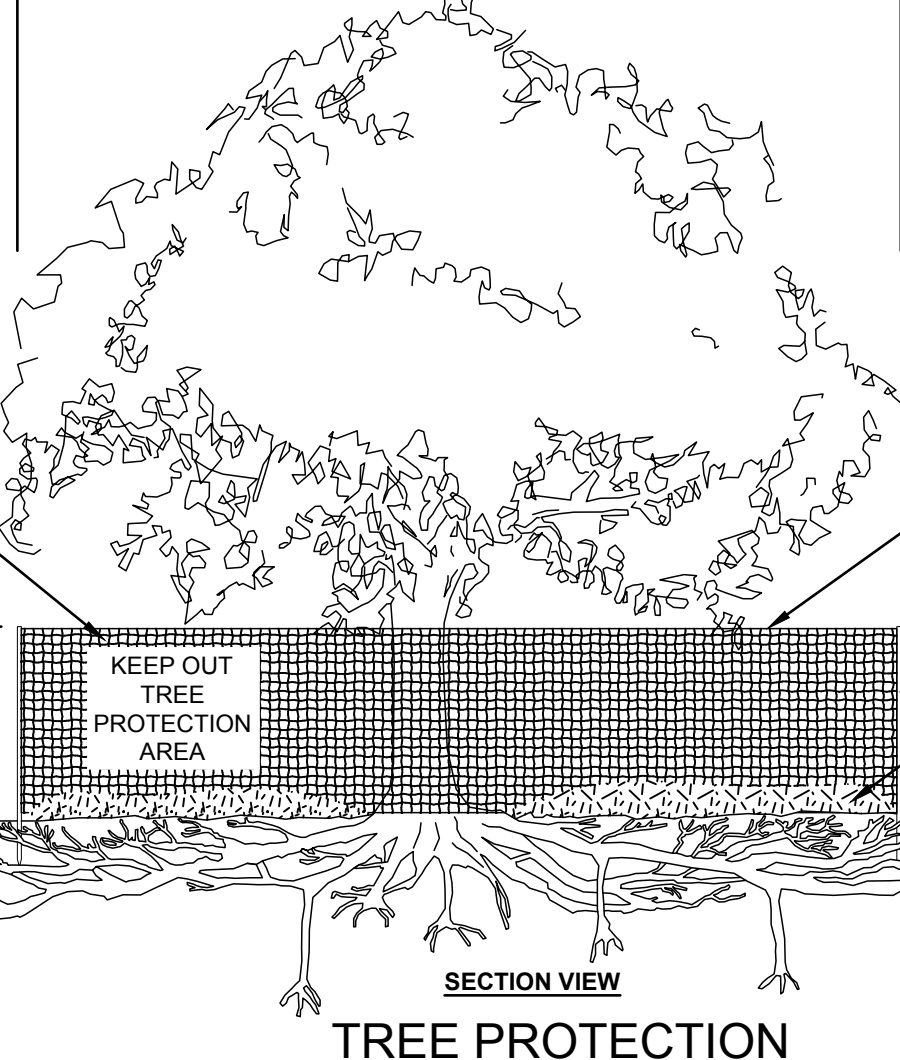
**DEMOLITION NOTES**

- A. ALL DEMOLITION AND REMOVAL WORK SHALL BE CAREFULLY PERFORMED TO AVOID DAMAGE TO EXISTING TREES NOTED ON THE PLANS AS REMAINING.
- B. ALL REMOVAL WORK (EXCEPT AS NOTED) SHALL BE DISPOSED OF OFF-SITE, IN A LEGAL MANNER, AT THE CONTRACTOR'S EXPENSE.
- C. CLEAR THE SITE OF GRASS, WEED GROWTH, RUBBISH, DEBRIS, PAVEMENT, CONCRETE, INACTIVE OR ABANDONED FACILITIES (VERIFIED BY THE AGENCY'S AUTHORIZED REPRESENTATIVE), ETC., THAT ARE TO BE REMOVED FOR CONSTRUCTION OF THE SITE IMPROVEMENTS TO THE LIMITS AND DEPTHS SHOWN ON THE PLANS.
- D. ABANDONED UNDERGROUND FACILITIES (VERIFIED BY THE AGENCY'S AUTHORIZED REPRESENTATIVE), ROOTS 3" IN DIAMETER AND LARGER, ROCKS AND BROKEN MASONRY LARGER THAN 4" IN ANY DIMENSION SHALL BE REMOVED TO A MINIMUM DEPTH OF 12" BELOW FINISH GRADE.
- E. MISCELLANEOUS, INACTIVE, OR ABANDONED UNDERGROUND FACILITIES LOCATED 12" OR MORE BELOW FINISH GRADE MAY BE REMOVED WITH THE AGENCY'S AUTHORIZED REPRESENTATIVE APPROVAL.
- F. MISCELLANEOUS ACTIVE LINES WITHIN 12" OF FINISH GRADE THAT ARE UNCOVERED DURING THE GRADING OPERATIONS SHALL BE PROTECTED.
- G. ALL DELETERIOUS MATERIALS WITHIN THE LIMITS OF THE WORK SHALL BE DISPOSED OF OFF-SITE BY THE CONTRACTOR, WHO SHALL MAKE ALL NECESSARY ARRANGEMENTS AND PAY ALL COSTS RELATED TO THE DISPOSAL.
- H. ACTIVE UTILITIES SHALL BE PROTECTED BY AND AT THE EXPENSE OF THE CONTRACTOR. KEEP ALL REQUIRED UTILITIES IN OPERATING CONDITION DURING THE ENTIRE PERIOD OF WORK, INCLUDING EXISTING IRRIGATION SYSTEMS FOR LANDSCAPE MAINTENANCE.
- I. INACTIVE OR ABANDONED UTILITIES SHALL BE DISCONNECTED, REMOVED, AND PLUGGED OR CAPPED SUBJECT TO THE LOCAL GOVERNING ORDINANCES.
- J. IF THE CONTRACTOR ENCOUNTERS ANY EXISTING UNDERGROUND UTILITIES NOT SHOWN ON THE DRAWINGS, HE SHALL IMMEDIATELY NOTIFY THE OWNER WHO WILL DETERMINE FURTHER PROCEDURE
- K. BURNING OF DEBRIS WILL NOT BE PERMITTED EXCEPT BY WRITTEN PERMISSION FROM THE AIR POLLUTION CONTROL AUTHORITIES AND GOVERNING FIRE AUTHORITIES.

**DIGALERT**  
 T.M.  
 DIAL TOLL FREE  
 1-800-422-4133  
 AT LEAST TWO DAYS  
 BEFORE YOU DIG

UNDERGROUND SERVICE ALERT OF SOUTHERN CALIFORNIA

TREE PROTECTION ZONE (TPZ) = CROWN DRIP LINE OR 5' OUTSIDE DRIP LINE FOR PROTECTED TREES. SEE TREE PRESERVATION NOTE FOR FENCE ALIGNMENT.



- NOTES:**
- 1- SEE SPECIFICATIONS FOR ADDITIONAL TREE PROTECTION REQUIREMENTS.
  - 2- IF THERE IS NO EXISTING IRRIGATION, SEE SPECIFICATIONS FOR WATERING REQUIREMENTS.
  - 3- NO PRUNING SHALL BE PERFORMED EXCEPT BY APPROVED ARBORIST.
  - 4- NO EQUIPMENT SHALL OPERATE INSIDE THE PROTECTIVE FENCING INCLUDING DURING FENCE INSTALLATION AND REMOVAL.
  - 5- SEE SITE PREPARATION PLAN FOR ANY MODIFICATIONS WITH THE TREE PROTECTION AREA.

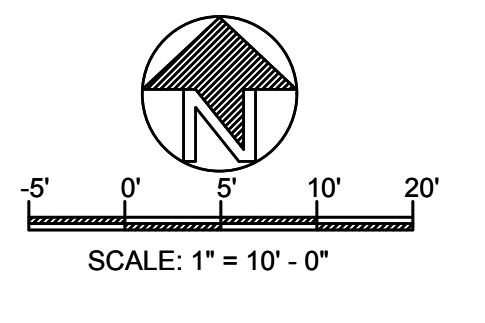
**TREE PROTECTION NOTES**

- "TREE PROTECTION ZONE" (TPZ) FOR EXISTING TREES:
- A. BEFORE BEGINNING ANY DEMOLITION OR CONSTRUCTION OPERATIONS, THE CONTRACTOR SHALL INSTALL A TEMPORARY PLASTIC ORANGE WEB FENCE AROUND ALL EXISTING TREES TO BE SAVED.
  - B. COORDINATE ALL OFF-SITE IMPROVEMENTS WITHIN THE TPZ WITH THE COMMUNITY FORESTER OFFICE.
  - C. NO CONSTRUCTION MATERIALS OR ACTIVITIES ALLOWED IN THIS AREA
  - D. PRUNING OF CITY TREES TO PROVIDE CLEARANCE FOR CONSTRUCTION ACTIVITIES SHALL ONLY BE DONE BY CITY OF SANTA MONICA.
  - E. TPZ FOR ALL TREE SPECIES (EXCEPT PROTECTED TREES ) THE FENCE SHALL BE INSTALLED NO CLOSER THAN THE DRIP-LINE (OR AS FAR AWAY FROM THE TRUNK AS PRACTICABLE).
  - F. TPZ FOR ALL PROTECTED TREES THE FENCE SHALL BE INSTALLED NO CLOSER TO THE TREE THAN 5' FROM THE EDGE OF THE TREE'S DRIPLINE OR 15' FEET FROM THE TRUNK, WHICHEVER IS GREATER.
  - G. FENCING SHALL CONSIST OF HIGH DENSITY POLYETHYLENE FENCING WITH 3.5" X 1.5" OPENINGS; COLOR- ORANGE.
  - H. STEEL POSTS INSTALLED AT 8' O.C.
  - I. ALL CONTRACTORS AND THEIR CREWS SHALL NOT BE ALLOWED INSIDE THIS "SAFE ZONE", NOR SHALL THEY BE ALLOWED TO STORE

OR DUMP FOREIGN MATERIALS WITHIN THIS AREA. NO WORK OF ANY KIND, INCLUDING TRENCHING, SHALL BE ALLOWED WITHIN THE SAFE ZONE EXCEPT AS DESCRIBED BELOW. THE FENCING SHALL REMAIN AROUND EACH TREE TO BE SAVED UNTIL THE COMPLETION OF CONSTRUCTION OPERATIONS.

J. CONTRACTOR SHALL PROTECT FROM DAMAGE ALL ELEMENTS TO REMAIN AND SHALL REPLACE IN KIND, TO THE SATISFACTION OF THE CITY, ANY ITEMS DAMAGED AS A RESULT OF THE CONTRACTORS OPERATIONS.

- PROTECTED TREES** - ANY OF THE FOLLOWING SOUTHERN CALIFORNIA NATIVE TREE SPECIES, WHICH MEASURES FOUR INCHES OR MORE IN CUMULATIVE DIAMETER, FOUR AND ONE-HALF FEET ABOVE THE GROUND LEVEL AT THE BASE OF THE TREE:
- 1. OAK TREE INCLUDING VALLEY OAK (QUERCUS LOBATA) AND CALIFORNIA LIVE OAK (QUERCUS AGRIFOLIA), OR ANY OTHER TREE OF THE OAK GENUS INDIGENOUS TO CALIFORNIA BUT EXCLUDING THE SCRUB OAK (QUERCUS DUMOSA).
  - 2. SOUTHERN CALIFORNIA BLACK WALNUT (JUGLANS CALIFORNICA VAR. CALIFORNICA)
  - 3. WESTERN SYCAMORE (PLATANUS RACEMOSA)
  - 4. CALIFORNIA BAY (UMBELLULARIA CALIFORNICA)



**SPOLIN LANDSCAPE**

RIVKAH SPOLIN  
 1466 S. SHERBOURNE #6, LA, CA 90035  
 PHONE: 310-968-4660

REVISIONS


SHEET TITLE  
**DEMOLITION PLAN**

OWNER  
 2457 S. LINCOLN BLVD.  
 2461 S. LINCOLN BLVD.  
 VENICE, CA 90291

LINCOLN BLVD.  
 EXERCISE & PLAY PARK

PREPARED BY: RS	REVIEWED BY: RS
DATE: 01-13-2021	
SHEET NO. <b>LD-1.0</b>	
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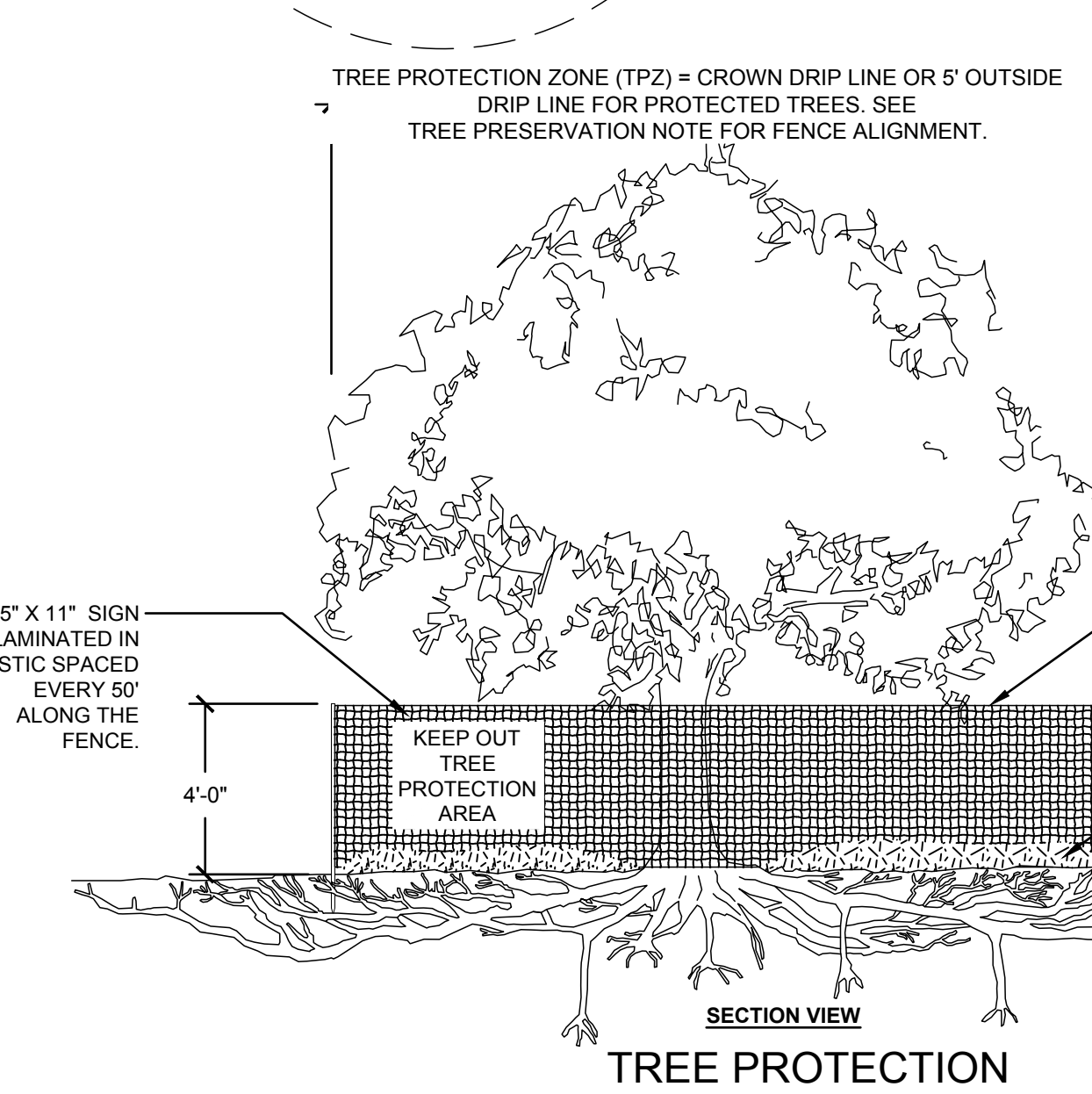
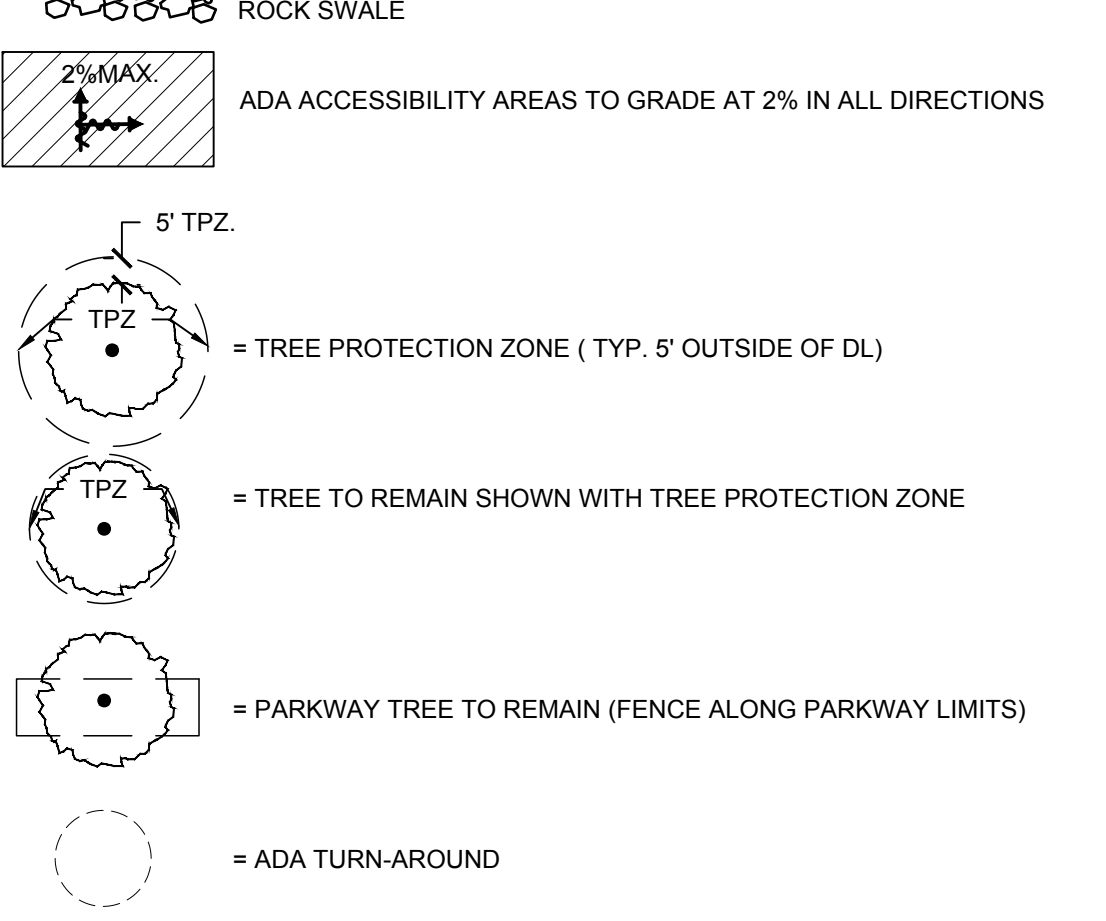
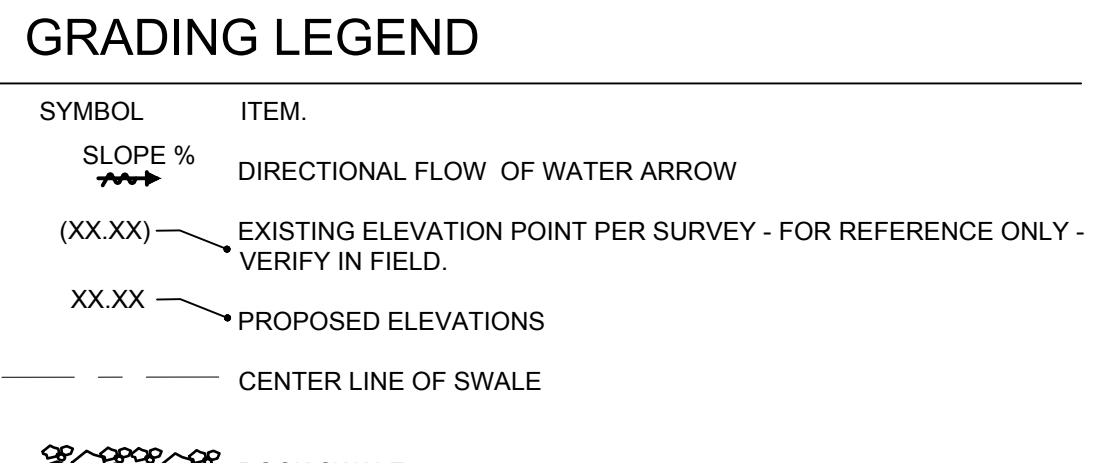
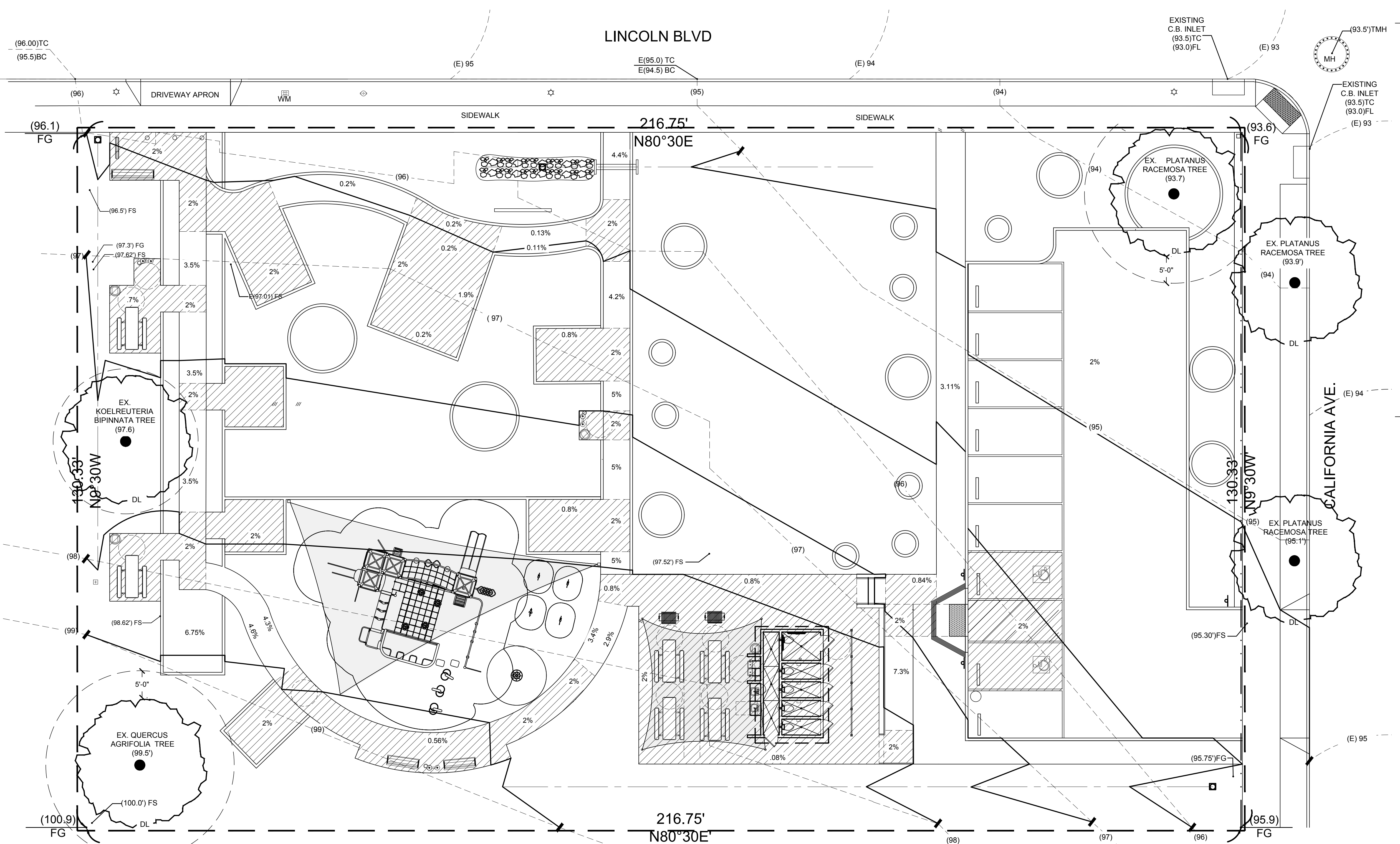
REVISIONS

**GRADING AND DRAINAGE PLAN**  
 SHEET TITLE

**OWNER**  
 2457 S. LINCOLN BLVD.  
 2461 S. LINCOLN BLVD.  
 VENICE, CA 90291

**LINCOLN BLVD. EXERCISE & PLAY PARK**

PREPARED BY: RS	REVIEWED BY: RS
DATE: 01-13-2021	
SHEET NO. <b>LG-1.0</b>	
3 OF 14	



**NOTES:**

- SEE SPECIFICATIONS FOR ADDITIONAL TREE PROTECTION REQUIREMENTS.
- IF THERE IS NO EXISTING IRRIGATION, SEE SPECIFICATIONS FOR WATERING REQUIREMENTS.
- NO PRUNING SHALL BE PERFORMED EXCEPT BY APPROVED ARBORIST.
- NO EQUIPMENT SHALL OPERATE INSIDE THE PROTECTIVE FENCING INCLUDING DURING FENCE INSTALLATION AND REMOVAL.
- SEE SITE PREPARATION PLAN FOR ANY MODIFICATIONS WITH THE TREE PROTECTION AREA.

**TREE PROTECTION FENCE:** HIGH DENSITY POLYETHYLENE FENCING WITH 3.5" X 1.5" OPENINGS; COLOR-ORANGE. STEEL POSTS INSTALLED AT 8' O.C.

2" X 6" STEEL POSTS OR APPROVED EQUAL.

5" THICK LAYER OF MULCH.

MAINTAIN EXISTING GRADE WITH THE TREE PROTECTION FENCE UNLESS OTHERWISE INDICATED ON THE PLANS.

### TREE PROTECTION NOTES

\*"TREE PROTECTION ZONE" (TPZ) FOR EXISTING TREES:

- BEFORE BEGINNING ANY DEMOLITION OR CONSTRUCTION OPERATIONS, THE CONTRACTOR SHALL INSTALL A TEMPORARY PLASTIC ORANGE WEB FENCE AROUND ALL EXISTING TREES TO BE SAVED.
- COORDINATE ALL OFF-SITE IMPROVEMENTS WITHIN THE TPZ WITH THE COMMUNITY FORESTER OFFICE.
- NO CONSTRUCTION MATERIALS OR ACTIVITIES ALLOWED IN THIS AREA
- PRUNING OF CITY TREES TO PROVIDE CLEARANCE FOR CONSTRUCTION ACTIVITIES SHALL ONLY BE DONE BY CITY OF SANTA MONICA.
- TPZ FOR ALL TREE SPECIES (EXCEPT PROTECTED TREES) THE FENCE SHALL BE INSTALLED NO CLOSER THAN THE DRIP-LINE (OR AS FAR AWAY FROM THE TRUNK AS PRACTICABLE).
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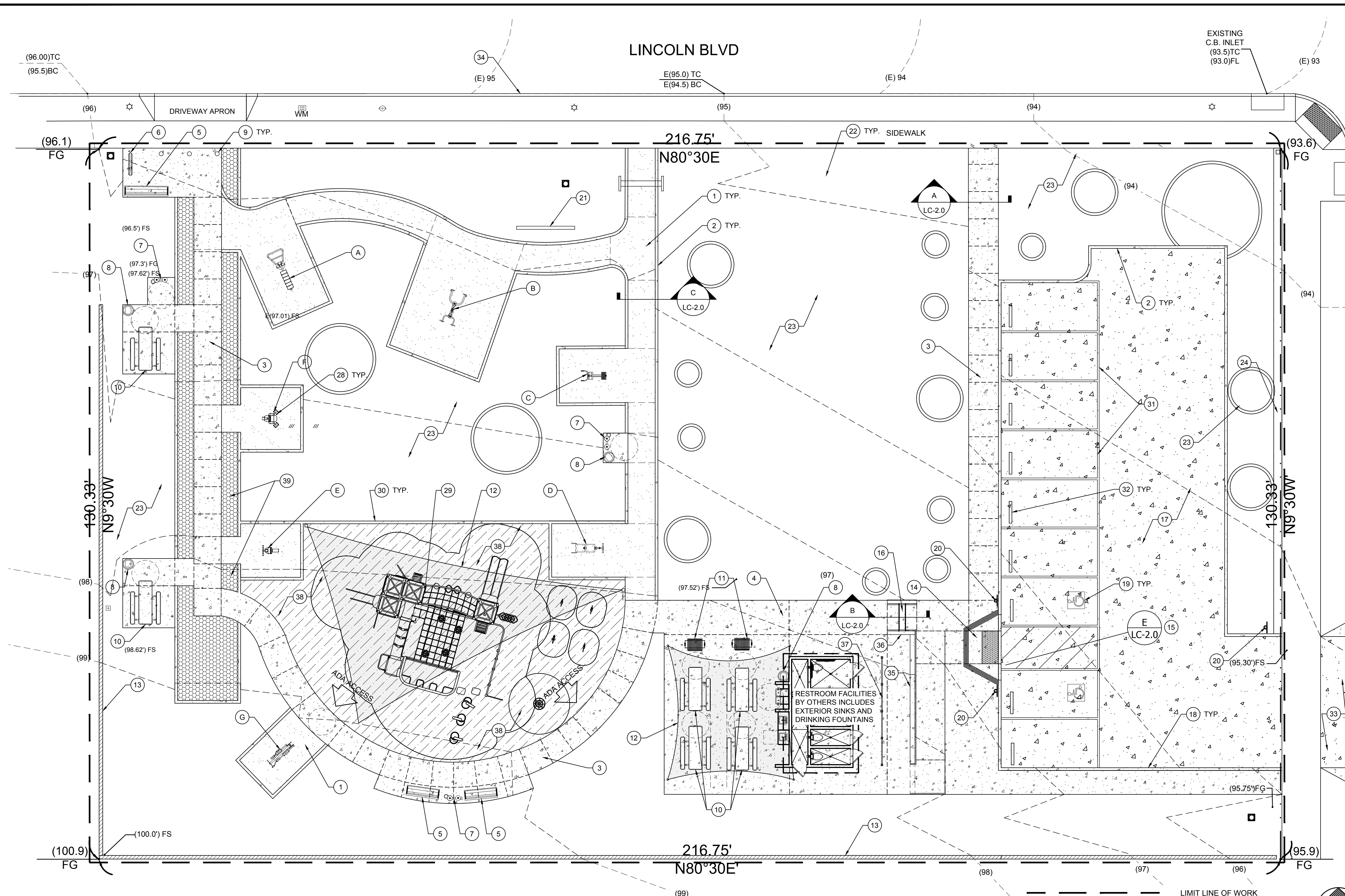
**PROTECTED TREES** - ANY OF THE FOLLOWING SOUTHERN CALIFORNIA NATIVE TREE SPECIES, WHICH MEASURES FOUR INCHES OR MORE IN CUMULATIVE DIAMETER, FOUR AND ONE-HALF FEET ABOVE THE GROUND LEVEL AT THE BASE OF THE TREE:

- OAK TREE INCLUDING VALLEY OAK (QUERCUS LOBATA) AND CALIFORNIA LIVE OAK (QUERCUS AGRIFOLIA), OR ANY OTHER TREE OF THE OAK GENUS INDIGENOUS TO CALIFORNIA BUT EXCLUDING THE SCRUB OAK (QUERCUS DUMOSA).
- SOUTHERN CALIFORNIA BLACK WALNUT (JUGLANS CALIFORNICA VAR. CALIFORNICA)

### GRADING AND DRAINAGE ABBREVIATIONS

INI = INVERT ELEVATION IN	PP = POWER POLE
INO = INVERT ELEVATION OUT	TC = TOP OF CURB
INV = INVERT ELEVATION	TG = TOP OF GRADE
FG = FINISHED GRADE	TL = TOP OF LANDING
FH = FIRE HYDRANT	TP = TOP OF PLASTER
FL = FLOW LINE	TR = TOP OF RAIL
FS = FINISHED SURFACE	TW = TOP OF WALL





- ### CONSTRUCTION LEGEND
- 1) DECOMPOSED GRANITE PATH - PATH TO BE ADA COMPLIANT. ORGANIC-LOCK FROM GAIL MATERIALS. DG TO BE STABILIZED. DEPTH TO BE 6" MIN. IN VEHICULAR PATH, AND 4" MIN. IN PEDESTRIAN PATH WITH A MIN. OF 6" AGGREGATE SUB-BASE. CROSS SLOPE PATH A MAX. OF 2% TO DRAIN AS SHOWN ON PLAN. LC-2.0 DETAIL X FOR ALL SPECIFICATIONS AND DETAILS.
  - 2) CONCRETE CURB - TO BE 6" IN WIDTH, SIDE OF CURB ADJACENT TO PLANTING AREAS AND TURF AREAS TO BE 6" IN HEIGHT. SIDE OF CURB ADJACENT TO DG PATH/PAVING TO BE FLUSH WITH DG. IN PARKING LOT CURB TO BE FLUSH WITH FS OF PERMEABLE CONCRETE. LC-2.0 DETAIL X FOR SPECIFICATIONS AND DETAILS.
  - 3) LITHOCRETE CONCRETE PATH WITH SMALL AGGREGATES - TO BE INSTALLED BY SHAW & SONS. TO BE 6" IN DEPTH WITH MIN. 2" LEVELING SAND BASE. LC-2.0 DETAIL X FOR SPECIFICATIONS AND DETAILS.
  - 4) LITHOCRETE CONCRETE PAVING WITH SMALL AGGREGATES - TO BE INSTALLED BY SHAW & SONS. TO BE 6" IN DEPTH WITH MIN. 2" LEVELING SAND BASE. LC-2.0 DETAIL X FOR SPECIFICATIONS AND DETAILS.
  - 5) 6" BENCHES (ADD COMPANION SEATING 5" DIA. TURN AROUND) - TIMBERFORM MODEL NUMBER RENAISSANCE BENCH 2807-6 WITH INTERMEDIATE FRAME WITH CENTER ARMREST / POWDER COATED REGAL BLUE. INSTALL PER MANUFACTURERS SPECIFICATION EMBEDDED OPTION.
  - 6) BICYCLE RACK - CUSTOM CASCADE NUMBER 2175-08 / SUPER CYCLOOPS / POWDER COATED REGAL BLUE. INSTALL PER MANUFACTURERS SPECIFICATION EMBEDDED OPTION.
  - 7) DRINKING WATER FOUNTAIN - TIMBERFORM MODEL NUMBER NO. 2010-08 ADA ACCESSIBLE AND PET DRINKING FOUNTAIN WITH PET BOWL / POWDER COATED REGAL BLUE. INSTALL PER MANUFACTURERS SPECIFICATION EMBEDDED OPTION.
  - 8) TRASH BIN - TIMBERFORM MODEL NUMBER RENAISSANCE LITTER CONTAINER 2816-DT LARGE CAPACITY / POWDER COATED REGAL BLUE. INSTALL PER MANUFACTURERS SPECIFICATION EMBEDDED OPTION.
  - 9) REMOVABLE BOLLARD - TIMBERFORM MODEL NUMBER 2190 R / REGAL BLUE. INSTALL PER MANUFACTURERS SPECIFICATIONS.
  - 10) PICNIC TABLE AND BENCHES - TIMBERFORM MODEL NUMBER 2619-6 / REGAL BLUE ACCESSIBLE PICNIC TABLE AND SEATS. INSTALL PER MANUFACTURERS SPECIFICATION EMBEDDED OPTION.
  - 11) DU MOR FURNISHINGS GRILL - MODEL NUMBER GRILL 21, EMBEDDED FOOTING OPTION. LC-2.0 DETAIL X FOR ALL SPECIFICATIONS AND DETAILS.
  - 12) SHADE SAIL BY SOCAL SHADE SAILS - 23' X 25' CUSTOM SHADE SAIL FOR GROUP PICNIC AREA. COLOR TO BE SELECTED BY LANDSCAPE ARCHITECT - SHADE MATERIAL, STEEL COLUMNS ENGINEERING, DESIGN DETAILS, AND INSTALLATION BY SOCAL SHADE SAILS.
  - 13) 8 X 8 X 16 - CMU PROPERTY LINE WALL. MAX 6' IN HEIGHT AND 2' IN THICKNESS. INSTALL PER MANUFACTURERS SPECIFICATIONS.
  - 14) LITHOCRETE CONCRETE ADA RAMP WITH SMALL AGGREGATES - TO BE INSTALLED BY SHAW & SONS TO MEET ALL CURRENT AMERICAN WITH DISABILITIES ACT REQUIREMENTS AND TITLE 24 OF THE CALIFORNIA CODE OF REGULATIONS. LC-2.0 DETAIL X FOR ALL SPECIFICATIONS AND DETAILS.
  - 15) LITHOCRETE CONCRETE ADA CURB RAMP WITH SMALL AGGREGATES - WITH TRUNCATED DOMES - TO BE INSTALLED BY SHAW & SONS. TO MEET ALL CURRENT AMERICAN WITH DISABILITIES ACT REQUIREMENTS AND TITLE 24 OF THE CALIFORNIA CODE OF REGULATIONS. LC-2.0 DETAIL X FOR ALL SPECIFICATIONS AND DETAILS.
  - 16) LITHOCRETE CONCRETE WITH SMALL AGGREGATES STEPS - TO BE INSTALLED BY SHAW & SONS. 6" RISERS AND 12" TREADS. TO MEET ALL CURRENT AMERICAN WITH DISABILITIES ACT REQUIREMENTS AND TITLE 24 OF THE CALIFORNIA CODE OF REGULATIONS. LC-2.0 DETAIL X FOR ALL SPECIFICATIONS AND DETAILS.
  - 17) PARKING LOT - TO BE PERMEABLE CONCRETE PAVING. LC-2.0 DETAIL X FOR SPECIFICATIONS AND DETAILS.
  - 18) CONCRETE CURB - TO BE 6" IN WIDTH AND HEIGHT, SIDE OF CURB ADJACENT TO PARKING LOT. TO BE 6" IN HEIGHT, SIDE OF CURB ADJACENT TO LITHOCRETE CONCRETE WITH SMALL AGGREGATES PATH/PAVING TO BE FLUSH WITH PATH. LC-2.0 DETAIL X FOR ALL SPECIFICATIONS AND DETAILS.
  - 19) ADA PARKING LOT STRIPING. TO MEET ALL CURRENT AMERICAN WITH DISABILITIES ACT REQUIREMENTS AND TITLE 24 OF THE CALIFORNIA CODE OF REGULATIONS. LC-2.0 DETAIL X FOR ALL SPECIFICATIONS AND DETAILS.
  - 20) ADA SIGNAGE. TO MEET ALL CURRENT AMERICAN WITH DISABILITIES ACT REQUIREMENTS AND TITLE 24 OF THE CALIFORNIA CODE OF REGULATIONS. ADD SIGNAGE AT: PARKING LOT ENTRY AND ADA PARKING STALLS. LC-2.0 DETAIL X FOR ALL SPECIFICATIONS AND DETAILS.
  - 21) PARK ENTRY SIGN - BY FOSSIL INDUSTRIES. ARTWORK TO BE PROVIDED BY LANDSCAPE ARCHITECT
  - 22) BIOSWALE AND BOULDERS - SEE SHEET LP-1.0 DETAIL X FOR ALL SPECIFICATIONS AND DETAILS.
  - 23) PLANTING AREAS - LP-1.0 FOR ALL SPECIFICATIONS OF TREES SHRUBS AND GROUNDCOVERS.
  - 24) CONCRETE V-SWALE - REFER TO SHEET LG-1.0 FOR DETAILS AND SPECIFICATIONS.
  - 25) SOLAR BOLLARD PATHWAY LIGHTING.
  - 26) SOLAR SIGN LIGHTING.
  - 27) SOLAR PARKING LOT LIGHTING.
  - 28) EXERCISE EQUIPMENT BY GREENFIELD - EQUIPMENT TO BE INSTALLED PER MANUFACTURERS SPECIFICATIONS. SEE EQUIPMENT LIST (BELOW) FOR EQUIPMENT TYPE.
    - 1) CHIN UP AND ABS UBX-225
    - 2) ACCESSIBLE LAT PULL DOWN & VERTICAL PRESS GR20051-48C-W
    - 3) BACK EXTENSION HP2009-7-25
    - 4) SINGLE LEG CURL GR2005-1-100S
    - 5) ARM CURL UBX-255
    - 6) INNER THIGH ADDUCTOR UBX-218
    - 7) ELLIPTICAL HP2009-5-03
  - 29) ALL INCLUSIVE PLAYGROUND EQUIPMENT FOR 5-12 YEAR OLD CHILDREN - PLAY EQUIPMENT VENTI AND EVOS DESIGN NO. 5189 PLAN. 205800 1-TOPSY TURNY SPINNER 42", 4-DIGRIDER ROCKET SHIP AND SHADE SAILS AND SPRING RIDERS BY LANDSCAPE SCULPTURES, INC. LC-2.0 DETAIL X FOR ALL SPECIFICATIONS AND DETAILS.
  - 30) CONCRETE CURB - TO BE 6" IN WIDTH AND HEIGHT ABOVE SILICA SAND SURFACE. CONCRETE CURB ADJACENT TO PLANTING AREA SHALL BE 2" ABOVE PLANTING AREA SURFACE. LC-2.0 DETAIL X FOR SPECIFICATIONS AND DETAILS.
  - 31) PERMEABLE CONCRETE PAVING WITH STALL STRIPING. LC-2.0 DETAIL X FOR SPECIFICATIONS AND DETAILS.
  - 32) WHEEL STOPS BY AMERICAN PRECAST CONCRETE INC. INSTALL PER MANUFACTURERS SPECIFICATIONS.
  - 33) NEW CONCRETE DRIVEWAY APRON PER SEPARATE PERMIT - LC-2.0 DETAIL X FOR SPECIFICATIONS AND DETAILS.
  - 34) NEW CONCRETE CURB PER SEPARATE PERMIT - LC-2.0 DETAIL X FOR SPECIFICATIONS AND DETAILS.
  - 35) POURED IN PLACE CONCRETE WALL - LC-2.0 DETAIL X FOR ALL SPECIFICATIONS AND DETAILS.
  - 36) POURED IN PLACE CONCRETE CHEEK WALLS - LC-2.0 DETAIL X FOR SPECIFICATIONS AND DETAILS.
  - 37) STEEL SCREEN, PART #1698121841 MONICHOOLS PERFORATED METAL, SQUARE HOLE, PLAIN STEEL, COLD ROLLED, MILL FINISH, 18 GAUGE, 5/16" SQUARE ON 1/2" STRAIGHT ROW CENTERS, 39% OPEN AREA 5 PANEL A 54" WIDE, 60" TALL, 12" CLEAR FROM FINISH SURFACE. 4 X 4 STEEL POSTS EMBED MIN 18". POWDER COAT FINISH, COLOR TO BE SELECTED. LC-2.0 DETAIL X FOR SPECIFICATIONS AND DETAILS.
  - 38) NEW RESILIENT RUBBER SURFACING INSTALLATION OF PEBBLEFLEX 2.0, MANUFACTURER: LANDSCAPE STRUCTURES 301 7TH STREET, SOUTH DELANO, MN 55328 888-438-6574. THE INSTALLATION OF THE NEW SURFACE SHALL BE INSTALLED BY A PEBBLEFLEX 2.0 CERTIFIED INSTALLER. REFER TO LC-2.0 DETAIL X FOR ALL SPECIFICATIONS AND DETAILS.
  - 39) INVISIBLE STRUCTURES GRASSPAVE2 POROUS GRASS PAVER. SUPPORTS AND PROTECTS GRASS ROOTS TO WITHSTAND HEAVY-WEIGHT VEHICULAR TRAFFIC. BEND, MANUFACTURER: BELGARD PRODUCTS TRIM WITH PRUNING SHEARS, OR USE OUR CURVE CHART TO EASILY CREATE CURVES. REFER TO LC-2.0 DETAIL X FOR ALL SPECIFICATIONS AND DETAILS.

### CONSTRUCTION NOTES

- A. ALL FORMS AND ALIGNMENTS OF PAVING, LAYOUT, AND SPECIAL PAVING AREAS SHALL BE REVIEWED AND APPROVED BY THE AGENCY'S AUTHORIZED REPRESENTATIVE PRIOR TO PLACING (GIVE A MINIMUM OF 48 HOURS NOTICE).
- B. THE CONTRACTOR SHALL VERIFY THE LOCATION OF ALL UTILITIES PRIOR TO CONSTRUCTION AND SHALL BE HELD LIABLE FOR ALL DAMAGES INCURRED.
- C. THE CONTRACTOR SHALL NOTE AND INSTALL ALL SLEEVE LOCATIONS SHOWN ON THE IRRIGATION PLANS AND ELECTRICAL PLANS IN EXCESS OF EXISTING SLEEVES PER THE AGENCY'S APPROVAL.
- D. ALL CONSTRUCTION AND WORKMANSHIP SHALL CONFORM TO THE LATEST EDITION OF THE STANDARD SPECIFICATIONS FOR PUBLIC WORKS AND THE LATEST EDITION OF THE UNIFORM BUILDING CODE.
- E. THESE NOTES SHALL BE USED IN CONJUNCTION WITH THE PLANS. ANY DISCREPANCIES SHALL BE BROUGHT TO THE ATTENTION OF THE AGENCY'S AUTHORIZED REPRESENTATIVE PRIOR TO ANY INSTALLATION PROCESSES.
- F. THE CONTRACTOR MUST CHECK ALL DIMENSIONS, FRAMING CONDITIONS AND SITE CONDITIONS BEFORE STARTING WORK. THE AGENCY'S AUTHORIZED REPRESENTATIVE SHALL BE NOTIFIED IMMEDIATELY OF ANY DISCREPANCIES OR POSSIBLE DEFICIENCIES.
- G. THE DRAWINGS AND SPECIFICATIONS REPRESENT THE FINISHED WORK. ALL BRACING, TEMPORARY SUPPORTS, SHORING, MASONRY, ETC. IS THE SOLE RESPONSIBILITY OF THE CONTRACTOR. OBSERVATION VISITS TO THE JOB SITE BY THE LANDSCAPE ARCHITECT DOES NOT INCLUDE INSPECTION OF CONSTRUCTION METHODS AND SAFETY CONDITIONS AT THE WORKSITE. THESE VISITS SHALL NOT BE CONSTRUED AS CONTINUOUS AND DETAILED INSPECTIONS.

### CONSTRUCTION SYMBOLS LEGEND

PROVIDE 4" SCHEDULE 80 P.V.C. SLEEVING FOR IRRIGATION AND LIGHTING AS INDICATED ON PLAN - MIN 12" COVERAGE. CROSS REFERENCE IRRIGATION PLAN SHEET LI-1.0, AND LIGHTING PLAN SHEET LL-1.0. CROSS REFERENCE PLANTING PLAN SHEET LP-1.0 FOR POSSIBLE CONFLICTS WITH MAJOR TREE ROOT SYSTEMS. AT THE COMPLETION OF FLATWORK AND CLEAN-UP, FLAG EACH END OF SLEEVING WITH BRIGHTLY COLORED CONSTRUCTION FLAGS TYP.

### CONTACT INFORMATION

**GAIL MATERIALS**  
ADDRESS: 10060 DAWSON CANYON RD, CORONA, CA 92883  
PHONE: (951) 667-6106

**BELGARD PRODUCTS/ SIERRA OLDCASTLE BELGARD**  
ADDRESS: 10714 POPLAR AVE, FONTANA, CA 92337  
PHONE: (877) 235-4273

**TIMBERFORM / COLUMBIA CASCADE COMPANY**  
ADDRESS: 1300 SW 6TH AVE #310, PORTLAND, OR 97201  
PHONE: (503) 223-1157

**SHAW & SONS CONCRETE CONTRACTORS**  
ADDRESS: 829 W 17TH ST, COSTA MESA, CA 92627  
PHONE: (949) 642-0660

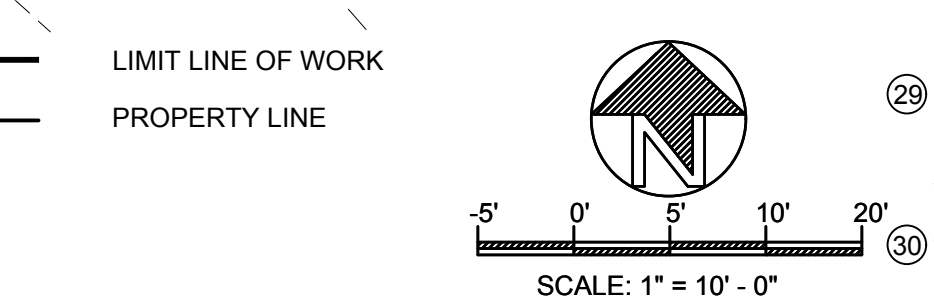
**SOCAL SHADE SAILS**  
ADDRESS: 731 N VULCAN AVE, ENCINITAS, CA 92024  
PHONE: (760) 535-1966

**GREENFIELDS OUTDOOR FITNESS, INC.**  
PHONE: (888) 315-9037

**PACIFIC PLAY SYSTEMS, INC.**  
PHONE: (760) 599-7355

**AMERICAN PRECAST CONCRETE INC.**  
ADDRESS: 2246 DURFEE AVE, EL MONTE, CA 91732  
PHONE: (800) 691-7118

**DUMOR, INC.**  
ADDRESS: P.O. BOX 142, MIFFLINTOWN, PA 17059  
PHONE: (800) 598-4018



RIVKAH SPOLIN  
1466 S. SHERBOURNE #6, LA, CA 90035  
PHONE: 310-968-4660

REVISIONS (Empty table for revisions)	SHEET TITLE <b>LANDSCAPE CONSTRUCTION</b> <b>CALLOUT PLAN</b>
OWNER 2457 S. LINCOLN BLVD. 2461 S. LINCOLN BLVD. VENICE, CA 90291	LINCOLN BLVD. EXERCISE & PLAY PARK
PREPARED BY: RS	REVIEWED BY: RS
DATE: 01-13-2021	
SHEET NO. <b>LC-1.0</b>	
4 OF 14	

DIAL TOLL FREE  
1-800-422-4133

AT LEAST TWO DAYS  
BEFORE YOU DIG

UNDERGROUND SERVICE ALERT OF SOUTHERN CALIFORNIA

REVISIONS

**CONSTRUCTION LAYOUT PLAN**

SHEET TITLE

OWNER  
2457 S. LINCOLN BLVD.  
2461 S. LINCOLN BLVD.  
VENICE, CA 90291

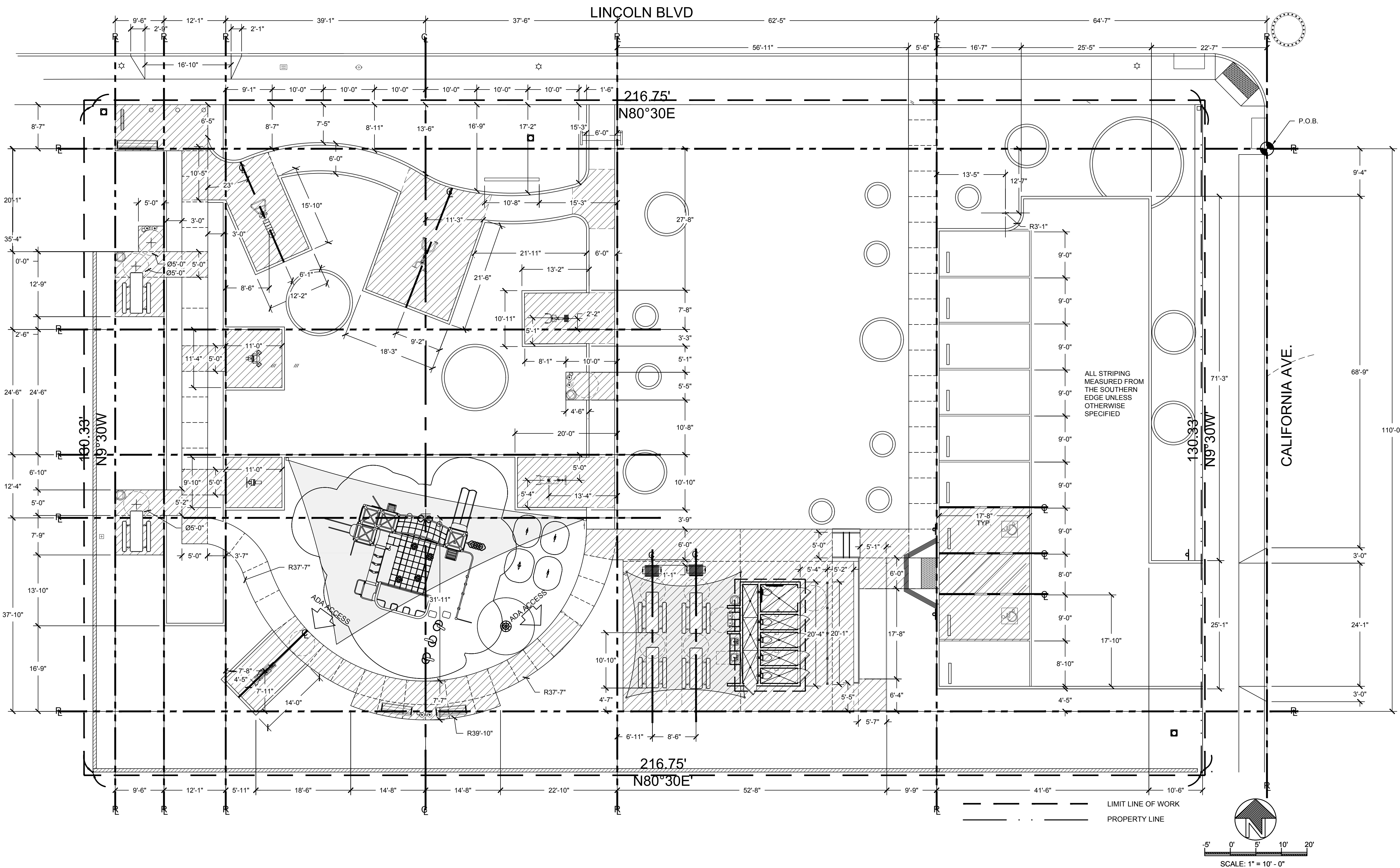
LINCOLN BLVD.  
EXERCISE & PLAY PARK

PREPARED BY: RS  
REVIEWED BY: RS

DATE: 01-13-2021

SHEET NO.

**LC-1.1**



**LAYOUT NOTES**

1. ALL FORMS AND ALIGNMENTS OF PAVING, LAYOUT, AND SPECIAL PAVING AREAS SHALL BE REVIEWED AND APPROVED BY THE AGENCY'S AUTHORIZED REPRESENTATIVE PRIOR TO PLACING (GIVE A MINIMUM OF 48 HOURS NOTICE).
2. THE CONTRACTOR SHALL VERIFY THE LOCATION OF ALL UTILITIES PRIOR TO CONSTRUCTION AND SHALL BE HELD LIABLE FOR ALL DAMAGES INCURRED.
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4. ALL CONSTRUCTION AND WORKMANSHIP SHALL CONFORM TO THE LATEST EDITION OF THE STANDARD SPECIFICATIONS FOR PUBLIC WORKS AND THE LATEST EDITION OF THE UNIFORM BUILDING CODE.
5. THESE NOTES SHALL BE USED IN CONJUNCTION WITH THE PLANS. ANY DISCREPANCIES SHALL BE BROUGHT TO THE ATTENTION OF THE AGENCY'S AUTHORIZED REPRESENTATIVE PRIOR TO ANY INSTALLATION PROCESSES.
6. THE CONTRACTOR MUST CHECK ALL DIMENSIONS, FRAMING CONDITIONS AND SITE CONDITIONS BEFORE STARTING WORK. THE AGENCY'S AUTHORIZED REPRESENTATIVE SHALL BE NOTIFIED IMMEDIATELY OF ANY DISCREPANCIES OR POSSIBLE DEFICIENCIES.
7. THE DRAWINGS AND SPECIFICATIONS REPRESENT THE FINISHED WORK. ALL BRACING, TEMPORARY SUPPORTS, SHORING, MASONRY, ETC. IS THE SOLE RESPONSIBILITY OF THE CONTRACTOR. OBSERVATION VISITS TO THE JOB SITE BY THE LANDSCAPE ARCHITECT DOES NOT INCLUDE INSPECTION OF CONSTRUCTION METHODS AND SAFETY CONDITIONS AT THE WORKSITE. THESE VISITS SHALL NOT BE CONSTRUED AS CONTINUOUS AND DETAILED INSPECTIONS.
8. SITE CLEAN-UP SHALL TAKE PLACE ON A DAILY BASIS.

**LAYOUT ABBREVIATIONS**

- E.J. EXPANSION JOINT
- S.L. SCORE LINE
- P.A. PLANTED AREA
- V.I.F. VERIFY IN FIELD
- P.O.B. POINT OF BEGINNING
- O.C. ON CENTER
- O.D. OUTSIDE DIAMETER
- I.D. INSIDE DIAMETER
- R. RADIUS
- CLR. CLEAR
- EX. EXISTING
- CONT. CONTINUOUS
- BLDG. BUILDING
- D.G. DECOMPOSED GRANITE
- CONC. CONCRETE
- N.I.C. NOT IN CONTRACT
- TYP. TYPICAL
- RM. REMOVABLE BOLLARD

**LAYOUT SYMBOLS**

- CENTER LINE
- REFERENCE LINE
- P.O.B. - HORIZONTAL CONTROL POINT OF BEGINNING
- ALIGN
- SAFETY, FALL AND ADA CLEARANCE



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AT LEAST TWO DAYS  
BEFORE YOU DIG

REVISIONS

SHEET TITLE  
**LANDSCAPE CONSTRUCTION  
 DETAIL SHEET**

OWNER  
 2457 S. LINCOLN BLVD.  
 2461 S. LINCOLN BLVD.  
 VENICE, CA 90291

LINCOLN BLVD.  
 EXERCISE & PLAY PARK

PREPARED BY:	REVIEWED BY:
RS	RS

DATE:  
 01-13-2021

SHEET NO.  
**LC - 2.0**  
 6 OF 14

**C** DECOMPOSED GRANITE PAVING PEDESTRIAN SCALE: 1 1/2" = 1'-0"

LEGEND:  
 ① 6" CONC. BAND @ D.G. PAVE BOTH SIDES.  
 ② 4" DEEP STABILIZED DECOMPOSED GRANITE. INSTALL IN 2 - 2" LIFTS. COMPACT EACH LIFT TO 90%.  
 ③ 6" DEEP AGGREGATE BASE. COMPACT TO 90%.  
 ④ 90% COMPACTED SUB-GRADE  
 ⑤ FILTER FABRIC

NOTES:  
 A. REFER TO CONSTRUCTION LEGEND NOTES FOR DECOMPOSED GRANITE MATERIAL.  
 B. INTEGRAL BATCH MIXED D.G. STABILIZER.  
 C. F.G. = FINISHED GRADE

**D** 6" CONCRETE CURB PEDESTRIAN SCALE: 3" = 1'-0"

LEGEND:  
 ① DECOMPOSED GRANITE PAVING  
 ② #4 REBAR - CONTINUOUS AT CENTER SLAB  
 ③ 90% COMPACTED SUBGRADE

NOTES:  
 A. CONCRETE FINISH: MEDIUM SAND WASH FINISH  
 B. INSTALL EXPANSION JOINTS 15' O.C.

**H** NOT USED SCALE

**K** NOT USED SCALE

**C** DECOMPOSED GRANITE PAVING PEDESTRIAN SCALE: 1 1/2" = 1'-0"

LEGEND:  
 ① 6" CONC. BAND @ D.G. PAVE BOTH SIDES.  
 ② 4" DEEP STABILIZED DECOMPOSED GRANITE. INSTALL IN 2 - 2" LIFTS. COMPACT EACH LIFT TO 90%.  
 ③ 6" DEEP AGGREGATE BASE. COMPACT TO 90%.  
 ④ 90% COMPACTED SUB-GRADE  
 ⑤ FILTER FABRIC

NOTES:  
 A. REFER TO CONSTRUCTION LEGEND NOTES FOR DECOMPOSED GRANITE MATERIAL.  
 B. INTEGRAL BATCH MIXED D.G. STABILIZER.  
 C. F.G. = FINISHED GRADE

**B** CONCRETE STEPS AND HANDRAIL SCALE: 1" = 1'-0"

LEGEND:  
 ① ROUND TUBULAR STEEL HANDRAIL - HANDRAIL 1 1/2" IN DIAMETER. POSTS 1" IN DIAMETER. POWDER COAT FINISH. COLOR TO MATCH ADA RAMP HANDRAIL. SET 1 1/2" AWAY FROM WALL.  
 ② #4 REBAR 16" O.C. B.W.  
 ③ EXPANSION JOINT  
 ④ #4 REBAR DOWEL 12" LONG W/ SLEEVE 24" O.C.  
 ⑤ POURED IN PLACE CONCRETE STEPS AND LANDING. MEDIUM SAND WASH FINISH. SLOPE STEPS 2% TO DRAIN.  
 ⑥ STEPS TO HAVE #3 REBAR @ NOSING. KEEP MINIMUM 3" CLEAR FROM SURFACE.  
 ⑦ STEPS TO HAVE 3/4" RADIUS  
 ⑧ 4" AGGREGATE BASE  
 ⑨ 2" LEVELING SAND BELOW CONCRETE PAVING  
 ⑩ 90% RELATIVE COMPACTED SOIL  
 ⑪ WALL

**G** NOT USED SCALE

**J** NOT USED SCALE

**A** 4" PEDESTRIAN CONCRETE PAVING SCALE: 1" = 1'-0"

LEGEND:  
 ① CONCRETE PAVING  
 ② ADJUST F.G. 3" LOWER THAN F.S. AT PLANTED AREA AND 1" LOWER THAN F.S. AT TURF  
 ③ 1/2" WIDE ASPHALTIC FELT EXPANSION JOINT W/ SANDED SELF LEVELING SEALER. MATCH CONCRETE COLOR.  
 ④ 12" SLIP DOWEL AT E.J. 1/2" DIA. @ 12" O.C. NO REBAR  
 ⑤ #4 REBAR @ 18" O.C. BOTH WAYS AT MID SLAB  
 ⑥ SAWCUT SCORE LINE 1/2" WIDE X 20% DEPTH OF CONCRETE  
 ⑦ 2" OF LEVELING SAND  
 ⑧ 90% COMPACTED SUBGRADE

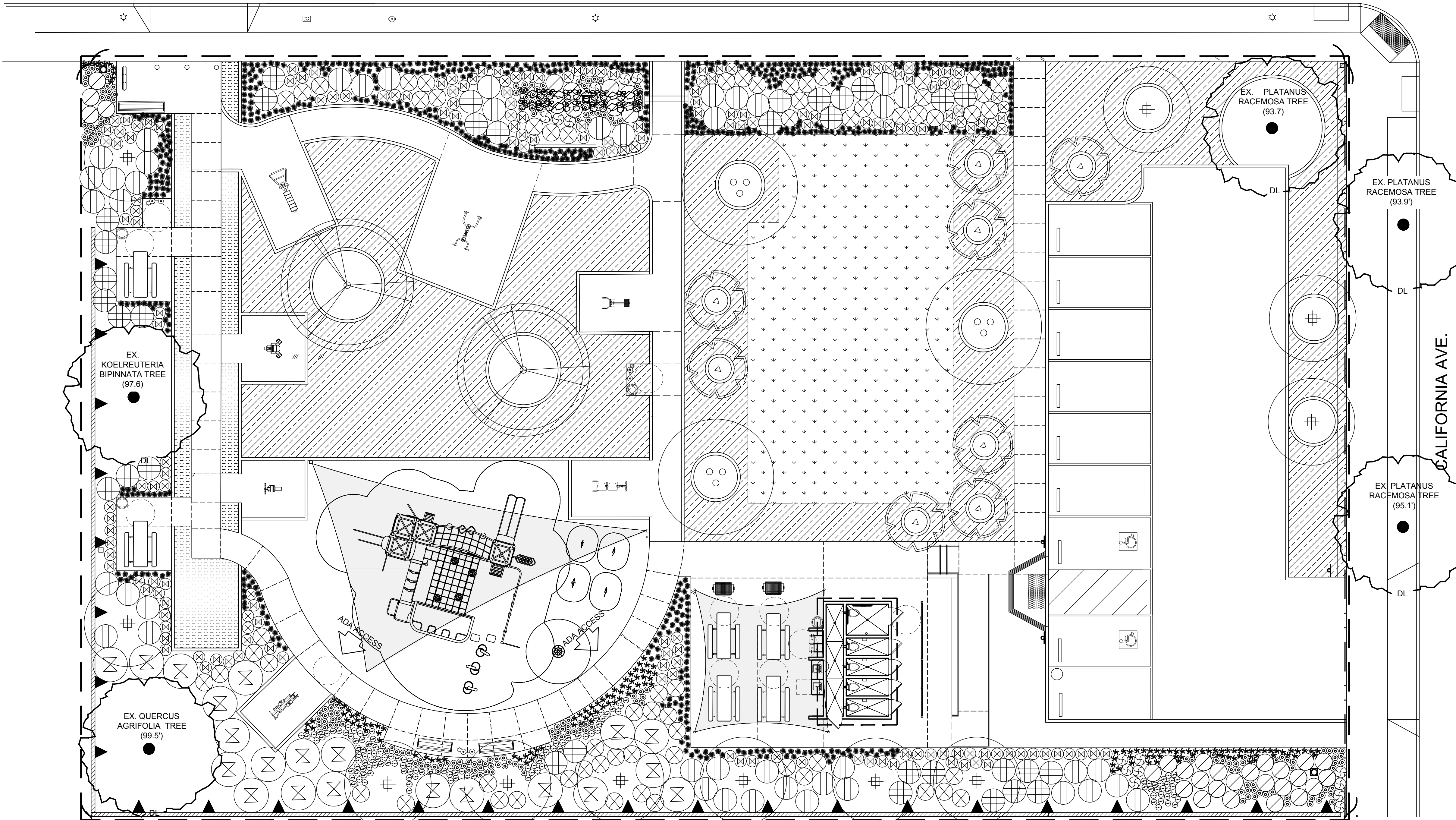
NOTES:  
 A. EXPANSION JOINTS SHALL BE INSTALLED AT 20' MAXIMUM INTERVALS AND SCORE LINES SHALL BE INSTALLED AT 10' MAXIMUM INTERVALS UNLESS OTHERWISE SPECIFIED ON LANDSCAPE PLANS  
 B. FINISH SHALL BE LITHOCRETE CONCRETE WITH SMALL AGGREGATES UNLESS OTHERWISE SPECIFIED ON LANDSCAPE PLANS

**E** NOT USED SCALE

**F** NOT USED SCALE

**I** NOT USED SCALE

LINCOLN BLVD



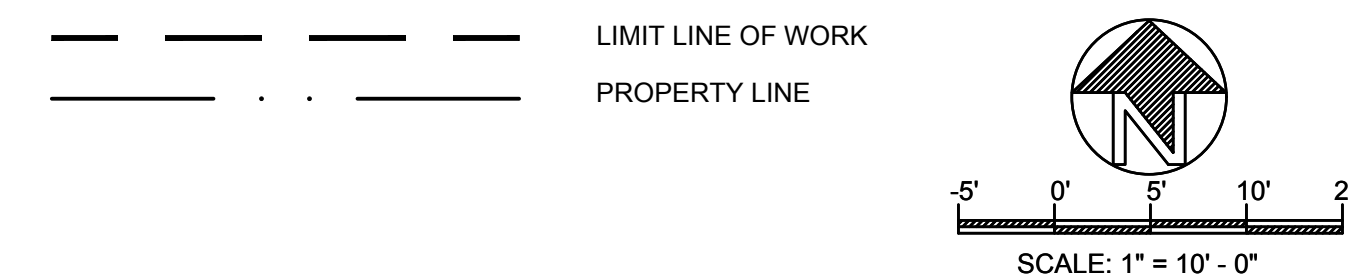
PLANT LEGEND							
PLANT TYPE	SYMBOL	GENUS	COMMON NAME	PLANT FACTOR	SIZE	QTY	REMARKS
TREES	(Symbol)	EXISTING	VARIOUS	NA	NA	NA	AS SHOWN ON PLAN
	(Symbol)	RE-LOCATED PLATANUS 'RACEMOSA'	SYCAMORE	0.5	NA	2	PLANT AS SHOWN ON PLAN
	(Symbol)	ACACIA BAILEYANA 'PURPUREA'	PURPLE FERNLEAF ACACIA	0.3	15 GAL.	3	PLANT AS SHOWN ON PLAN
	(Symbol)	GEIJERA PARVIFLORA	AUSTRALIAN WILLOW	0.3	15 GAL.	11	PLANT AS SHOWN ON PLAN
	(Symbol)	LAURUS NOBILIS	SWEET BAY	0.3	15 GAL.	8	PLANT AS SHOWN ON PLAN
SHRUBS/ PERENNIALS	(Symbol)	ACHILLEA MILLEFOLIUM 'PAPRIKA'	PAPRIKA YARROW	0.5	1 GAL.	15	PLANT AS SHOWN ON PLAN
	(Symbol)	AGAVE ATTENUATA 'NOVA'	BLUE FOX TAIL AGAVE	0.3	15 GAL.	56	PLANT AS SHOWN ON PLAN
	(Symbol)	ALOE ARBORESCENS	TORCH ALOE	0.3	15 GAL.	21	PLANT AS SHOWN ON PLAN
	(Symbol)	CISTUS X SKANBERGII	PINK ROCKROSE	0.3	5 GAL.	180	PLANT AS SHOWN ON PLAN
	(Symbol)	ECHIUM CANDICANS	PRIDE OF MADEIRA	0.3	5 GAL.	44	PLANT AS SHOWN ON PLAN
	(Symbol)	IRIS 'FREQUENT FLYER'	WHITE TALL BEARDED IRIS	0.5	1 GAL.	207	PLANT AS SHOWN ON PLAN
	(Symbol)	JUNCUS 'CARMAN'S JAPAN'	CARMAN'S SACRED JAPANESE RUSH	0.5	1 GAL.	35	PLANT AS SHOWN ON PLAN
	(Symbol)	PHORMIUM 'RUBRUM'	NEW ZEALAND FLAX	0.5	5 GAL.	126	PLANT AS SHOWN ON PLAN
	(Symbol)	SALVIA 'ALLEN CHICKERING'	ALLEN CHICKERING SAGE	0.3	1 GAL.	33	PLANT AS SHOWN ON PLAN
GRASSES	(Symbol)	DIANELLA REVOLUTA 'LITTLE REV'	LITTLE REV FLAX LILY	0.3	1 GAL.	632	PLANT AT 18" O.C. MAX
	(Symbol)	DIANELLA TASMANICA 'VARIEGATA'	WHITE STRIPED TASMAN FLAX LILY	0.5	1 GAL.	147	PLANT AT 12" O.C. MAX
VINES / GROUND COVER	(Symbol)	BOUGAINVILLEA 'BARBARA KARST'	BARBARA KARST BOUGAINVILLEA	0.3	5 GAL.	26	PLANT AS SHOWN ON PLAN
	(Symbol)	BUCHLOE DACTYLOIDES 'BUFFALO BILL'	BUFFALO GRASS	0.3	SEED	556 SQ. FT.	PLANT AS SHOWN ON PLAN
	(Symbol)	DYMONDIA MARGARETAE	SILVER CARPET	0.3	SOD	5240 SQ. FT.	PLANT AS SHOWN ON PLAN
	(Symbol)	GN-1 HYBRID BERMUDA	SOD	0.8	SOD	2184 SQ. FT.	SOUTHERN CALIFORNIA PACIFIC SOD 305 WEST HUENEME RD. CAMARILL O. CA 90312 (800) 942 - LAWN

ALL PLANTING AREAS TO RECEIVE A MIN. OF 1" DEEP LAYER OF KELLOGG'S 'XERIMULCH' (AVAILABLE THROUGH KELLOGG'S SUPPLY, INC. 1(800) 232-2322 AND 2" LAYER OF WOOD MULCH

PLANTING NOTES

- A. CONTRACTOR IS TO REVIEW PLANS, VERIFY SITE CONDITIONS AND PLANT QUANTITIES PRIOR TO INSTALLATION. CONTRACTOR SHALL TAKE SOLE RESPONSIBILITY FOR ANY COST INCURRED DUE TO DAMAGE OF EXISTING UTILITIES. PLANT MATERIAL QUANTITIES ARE LISTED FOR THE CONVENIENCE OF THE CONTRACTOR. ACTUAL NUMBER OF SYMBOLS SHALL HAVE PRIORITY OVER QUANTITY DESIGNATED. CONFLICTS BETWEEN THE SITE AND THESE PLANS OR WITHIN THESE PLANS SHALL BE BROUGHT TO THE ATTENTION OF THE LANDSCAPE ARCHITECT PRIOR TO LANDSCAPE INSTALLATION. ANY DEVIATION(S) FROM THE PLANS OR SPECIFICATIONS WILL REQUIRE WRITTEN APPROVAL FROM THE OWNER AND/OR LANDSCAPE ARCHITECT. THE CONTRACTOR SHALL ASSUME FULL RESPONSIBILITY FOR ALL NECESSARY REVISIONS DUE TO FAILURE TO GIVE SUCH NOTIFICATION.
- B. THE CONTRACTOR SHALL NOTIFY THE LANDSCAPE ARCHITECT OF ALL SITE CONDITIONS WHICH PREVENT INSTALLATION PER PLANS AND SPECIFICATIONS.
- C. THE CONTRACTOR SHALL BE LIABLE FOR REMOVING AND REINSTALLING ALL IRRIGATION EQUIPMENT, AND REPLANTING AREAS WHICH ARE NOT INSTALLED PER PLANS AND SPECIFICATIONS.
- D. THE IRRIGATION SYSTEM SHALL BE INSTALLED AND TESTED PRIOR TO PLANT MATERIALS.
- E. TREES AND SHRUBS SHALL BE PLANTED AFTER CONCRETE PLACEMENT, BUT NOT BEFORE THE IRRIGATION COVERAGE TEST HAS BEEN APPROVED (REFER TO SPECIFICATIONS).
- F. PLACE TREES BETWEEN IRRIGATION HEADS WHEREVER POSSIBLE.
- G. THE CONTRACTOR IS RESPONSIBLE FOR ALL REPAIRS AND/OR REPLACEMENT OF ANY DAMAGED LANDSCAPE AREAS BEYOND THE LIMIT OF WORK, AS A DIRECT RESULT OF THE LANDSCAPE CONSTRUCTION BY THE CONTRACTOR AND/OR BY HIS SUB-CONTRACTOR. REPLACEMENT ITEMS SHALL BE AN EXACT DUPLICATE OF THE ORIGINAL WORK, UNLESS OTHERWISE APPROVED BY THE LANDSCAPE ARCHITECT.
- H. CLEAN-UP SHALL TAKE PLACE ON A DAILY BASIS UNLESS OTHERWISE APPROVED BY THE OWNER.
- I. THE PLANTING PLANS ARE ONLY ACCURATE FOR THE PLANTING LOCATION AND PLANT SIZE. THE CONTRACTOR SHALL VERIFY ALL QUANTITIES BY PLAN CHECK.
- J. THE CONTRACTOR SHALL MAINTAIN A QUALIFIED SUPERVISOR ON THE SITE AT ALL TIMES DURING CONSTRUCTION THROUGH COMPLETION OF PICK-UP WORK.
- K. THE CONTRACTOR SHALL RECEIVE SITE GRADED WITHIN .10 FOOT OF FINISH GRADE. COMMENCEMENT OF WORK INDICATES CONTRACTOR'S ACCEPTANCE OF EXISTING GRADES AND CONDITIONS. FINAL GRADES SHALL BE ADJUSTED BY CONTRACTOR AS DIRECTED BY OWNER'S REPRESENTATIVE. ALL GRADING SHALL BE COMPLETED PRIOR TO COMMENCEMENT OF PLANTING OPERATIONS.
- L. THE CONTRACTOR SHALL FURNISH AND PAY FOR ALL CONTAINER GROWN TREES, SHRUBS, VINES, SEEDED/SODDED TURF, HYDROMULCHES, AND FLATTED GROUNDCOVERS. THE CONTRACTOR SHALL ALSO BE RESPONSIBLE FOR AND PAY FOR PLANTING, STAKING, AND GUARANTEE OF ALL PLANT MATERIALS. SEE PLANTING DETAILS, FOR PLANTING AND STAKING/GUYING REQUIREMENTS.
- M. THE LANDSCAPE ARCHITECT AND/OR OWNER SHALL APPROVE PLANT MATERIAL PLACEMENT BY CONTRACTOR PRIOR TO INSTALLATION.
- G. INSTALL SHREDDED MULCH IN ALL SHRUB AND GROUND COVER AREAS AT A DEPTH OF 3" UNLESS OTHERWISE INDICATED ON THE PLANS.
- H. FERTILIZER FOR ALL LAWN AREAS SHALL BE A SLOW-RELEASE, HIGH-NITROGEN FERTILIZER INCORPORATED INTO THE SOIL DURING PLANTING.
- I. FOR AREAS TO BE LANDSCAPED AND IRRIGATED, THE FOLLOWING AMENDMENTS SHALL BE UNIFORMLY BROADCAST AND THOROUGHLY INCORPORATED 6" DEEP BY MEANS OF A ROTOTILLER OR EQUAL.

- J. AMOUNT PER 1000 SQUARE FEET
- K. 2 CU. YDS. NITROGEN STABILIZED ORGANIC COMPOST
- L. 50 LBS. AGRICULTURAL GYPSUM
- M. THE PLANTING PITS FOR TREES SHALL BE DUG TWO TIMES THE DIAMETER OF THE ROOTBALL AND THE SAME DEPTH AS THE ROOTBALL. PLANTING PITS FOR SHRUBS AND PERENNIALS SHALL BE DUG TWICE AS WIDE AND ONE-AND-A-HALF TIMES AS DEEP AS THE ROOTBALL. THE BACKFILL MIX FOR USE AROUND THE ROOTBALL OF ALL TREES, SHRUBS, AND PERENNIALS SHALL CONSIST OF THE FOLLOWING FORMULA:
- N. 3 PARTS BY VOLUME ON-SITE SOIL
- O. 1 PART BY VOLUME ORGANIC AMENDMENT (AS IN #7 ABOVE)
- P. THE LANDSCAPE CONTRACTOR SHALL MAINTAIN ALL PLANTED AREAS SHOWN ON THE PLANS, INCLUDING (BUT NOT LIMITED TO) WATERING, WEEDING, MOWING, PRUNING, AND EDGING, FOR A PERIOD OF THIRTY (30) DAYS.
- Q. THE LANDSCAPE CONTRACTOR SHALL WARRANTY AND REPLACE ANY PLANT MATERIAL THAT DIES OR SHOWS SIGNS OF LACK OF VIGOR OR OTHER UNHEALTHFUL APPEARANCE WITHIN NINETY (90) DAYS OF COMPLETION OF CONTRACT AT NO COST TO THE OWNER.



SYMBOLS LEGEND

- (Symbol) SURE-LOC SURE EDGE STEEL LANDSCAPE EDGING 3/16" X 4" X 16" .182 - .188" AVERAGE THICKNESS CONTACT SURELOCK INGLEWOOD, CA (800) 787 - 3562
- (Symbol) BOULDERS

**SPOLIN LANDSCAPE**

RIVKAH SPOLIN  
1466 S. SHERBOURNE #6, LA, CA 90035  
PHONE: 310-968-4660

REVISIONS


SHEET TITLE

**PLANTING PLAN**

OWNER

2457 S. LINCOLN BLVD.  
2461 S. LINCOLN BLVD.  
VENICE, CA 90291

LINCOLN BLVD.  
EXERCISE & PLAY PARK

PREPARED BY: RS

REVIEWED BY: RS

DATE: 01-13-2021

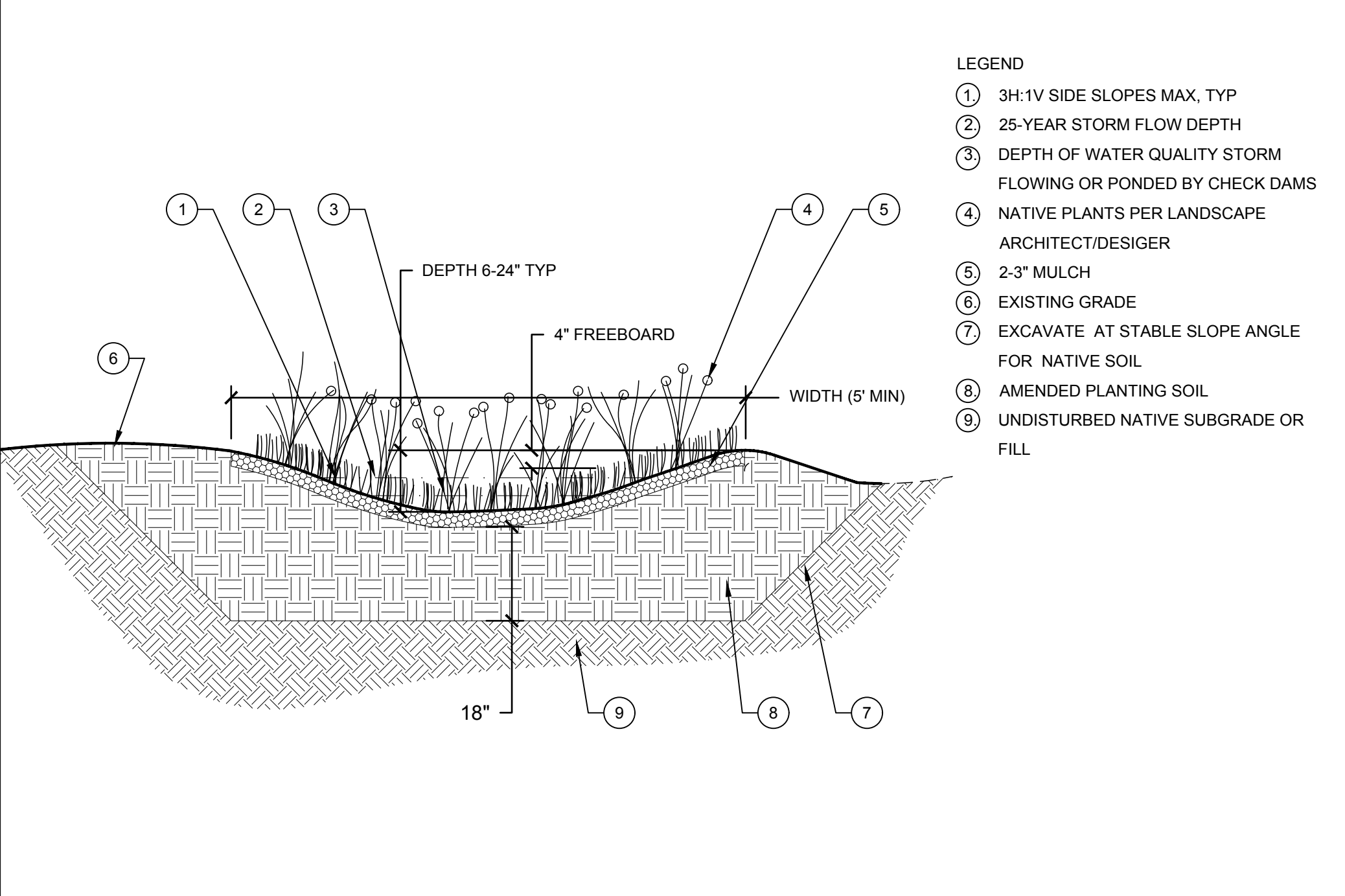
SHEET NO.

**DIGALERT**

DIAL TOLL FREE  
1-800-422-4133

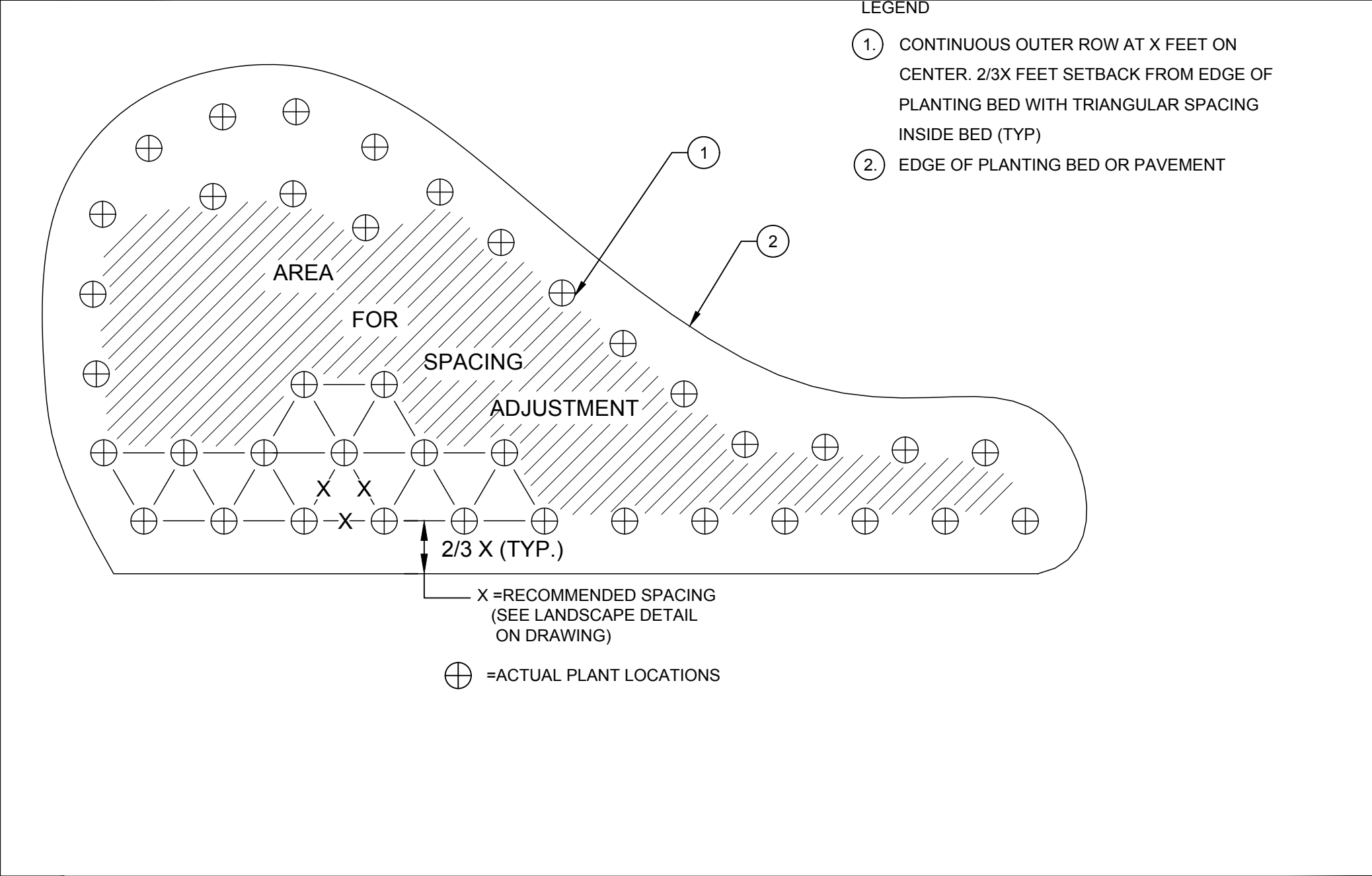
AT LEAST TWO DAYS BEFORE YOU DIG

UNDERGROUND SERVICE ALERT OF SOUTHERN CALIFORNIA



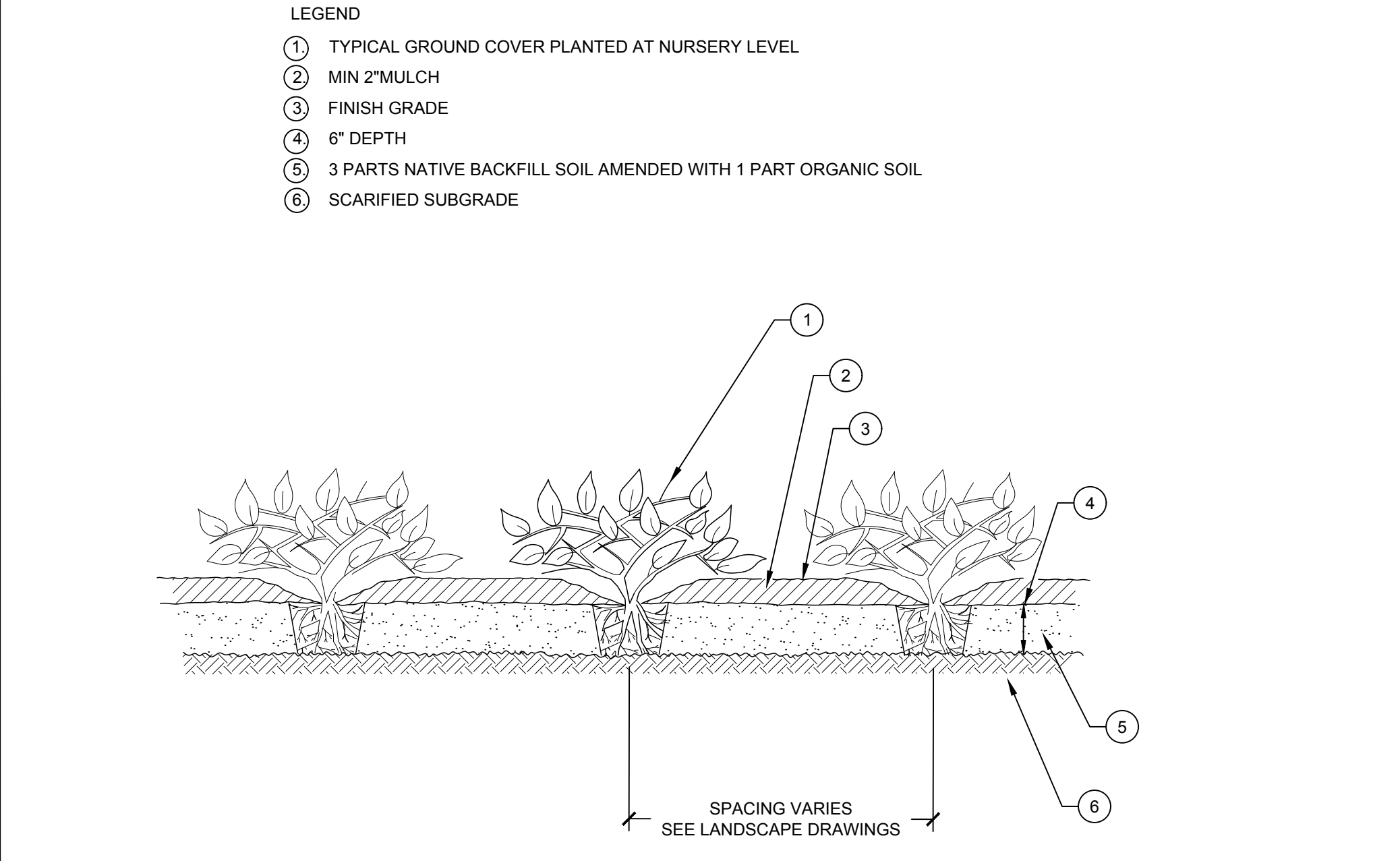
- LEGEND
- ① 3H:1V SIDE SLOPES MAX, TYP
  - ② 25-YEAR STORM FLOW DEPTH
  - ③ DEPTH OF WATER QUALITY STORM FLOWING OR PONDED BY CHECK DAMS
  - ④ NATIVE PLANTS PER LANDSCAPE ARCHITECT/DESIGNER
  - ⑤ 2-3" MULCH
  - ⑥ EXISTING GRADE
  - ⑦ EXCAVATE AT STABLE SLOPE ANGLE FOR NATIVE SOIL
  - ⑧ AMENDED PLANTING SOIL
  - ⑨ UNDISTURBED NATIVE SUBGRADE OR FILL

**G INFILTRATION SWALE WITH PLANTING SOIL** NOT TO SCALE

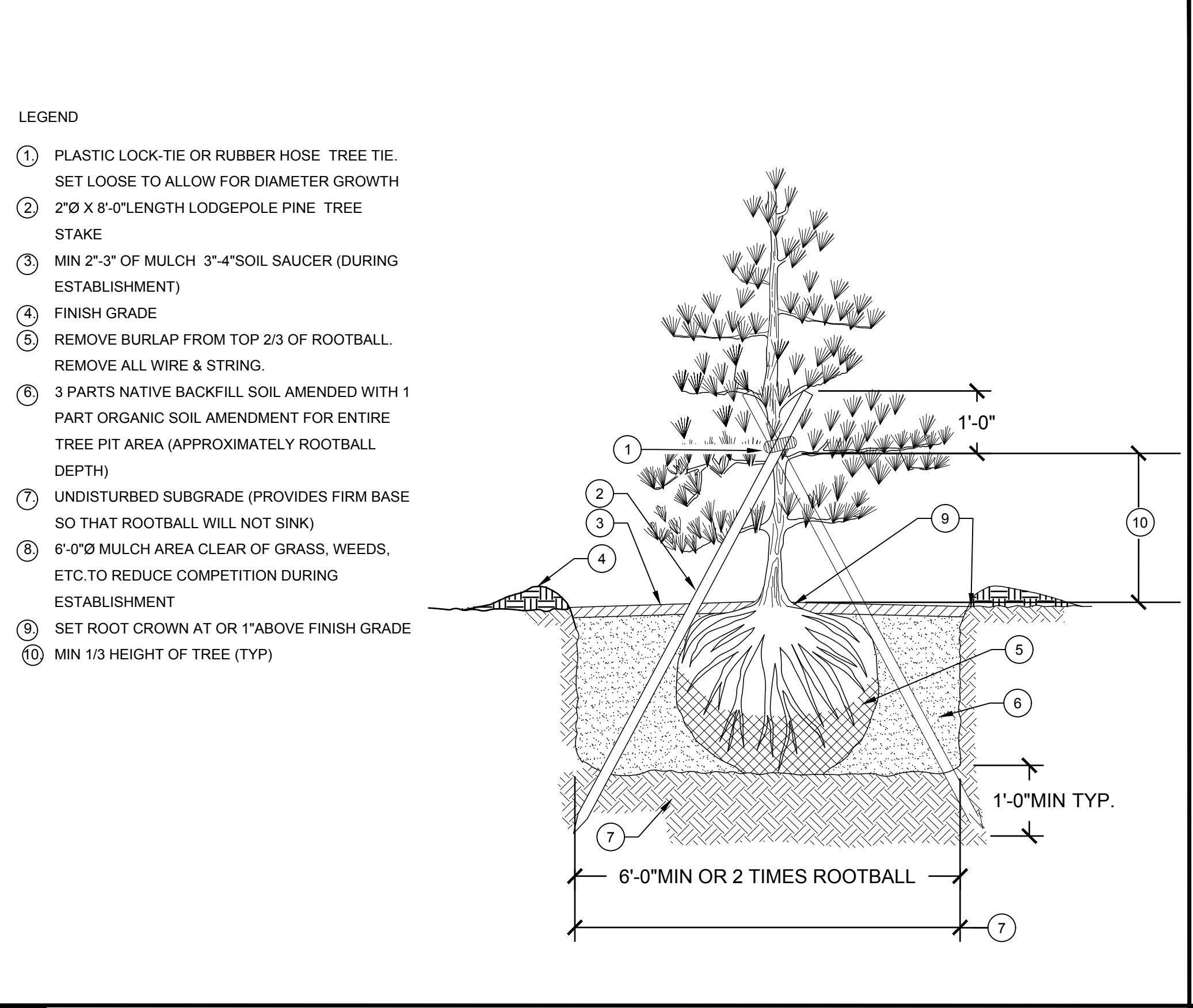


- LEGEND
- ① CONTINUOUS OUTER ROW AT X FEET ON CENTER. 2/3X FEET SETBACK FROM EDGE OF PLANTING BED WITH TRIANGULAR SPACING INSIDE BED (TYP)
  - ② EDGE OF PLANTING BED OR PAVEMENT

**F SHRUB AND GROUNDCOVER SPACING DETAIL** NOT TO SCALE

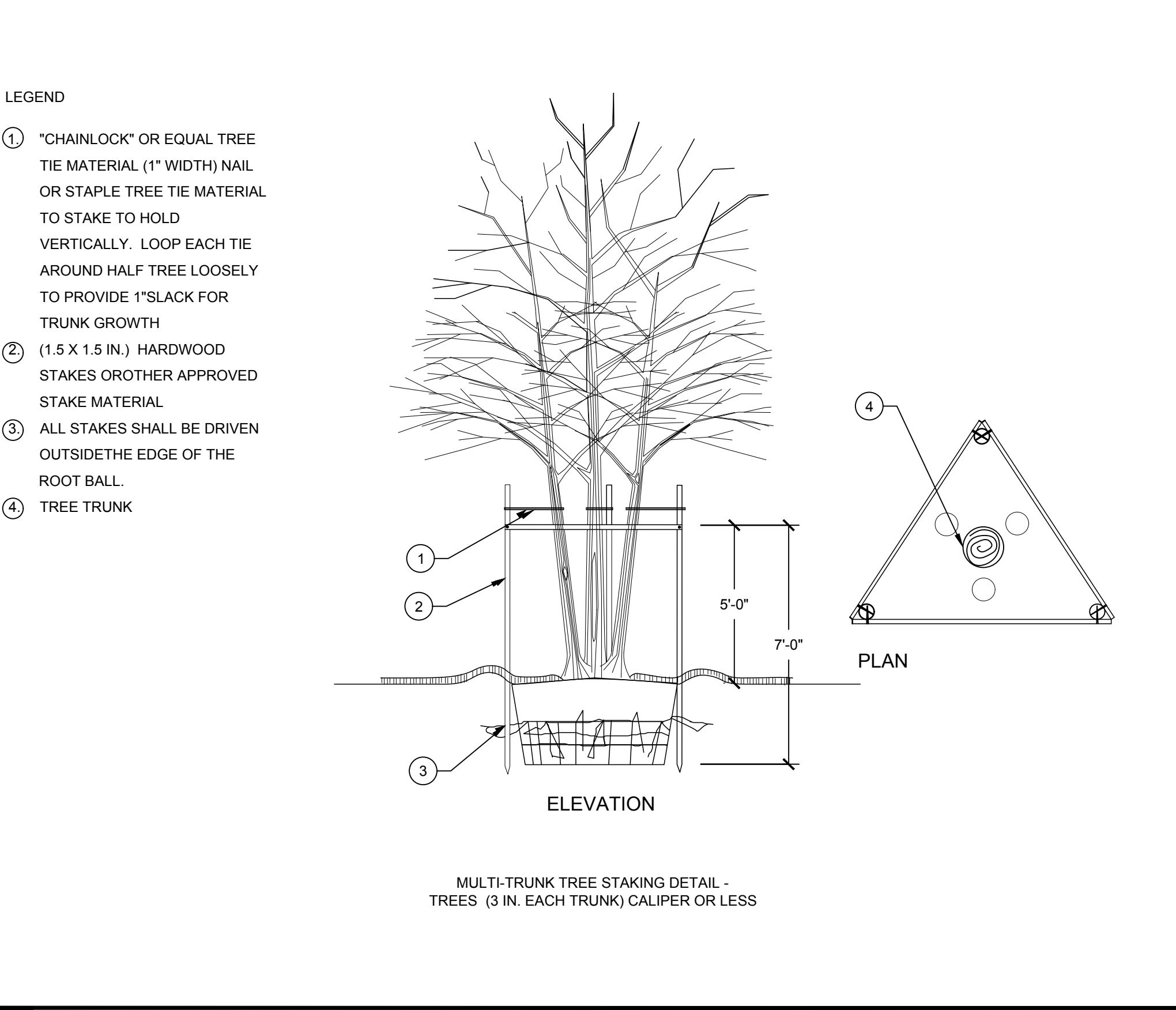


- LEGEND
- ① TYPICAL GROUND COVER PLANTED AT NURSERY LEVEL
  - ② MIN 2" MULCH
  - ③ FINISH GRADE
  - ④ 6" DEPTH
  - ⑤ 3 PARTS NATIVE BACKFILL SOIL AMENDED WITH 1 PART ORGANIC SOIL
  - ⑥ SCARIFIED SUBGRADE



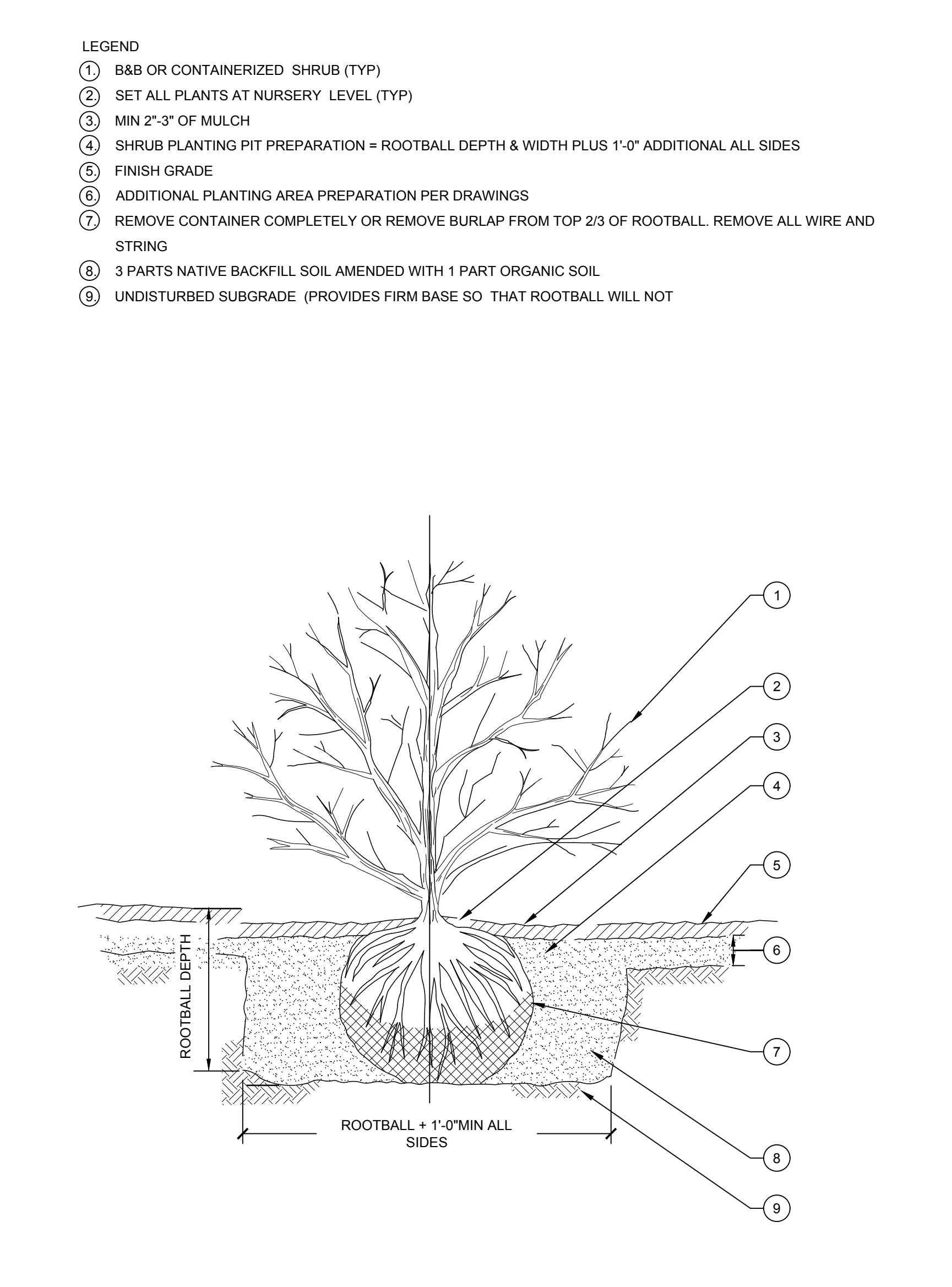
- LEGEND
- ① PLASTIC LOCK-TIE OR RUBBER HOSE TREE TIE. SET LOOSE TO ALLOW FOR DIAMETER GROWTH
  - ② 2"Ø X 8'-0" LENGTH LODGEPOLE PINE TREE STAKE
  - ③ MIN 2"-3" OF MULCH 3"-4" SOIL SAUCER (DURING ESTABLISHMENT)
  - ④ FINISH GRADE
  - ⑤ REMOVE BURLAP FROM TOP 2/3 OF ROOTBALL. REMOVE ALL WIRE & STRING.
  - ⑥ 3 PARTS NATIVE BACKFILL SOIL AMENDED WITH 1 PART ORGANIC SOIL AMENDMENT FOR ENTIRE TREE PIT AREA (APPROXIMATELY ROOTBALL DEPTH)
  - ⑦ UNDISTURBED SUBGRADE (PROVIDES FIRM BASE SO THAT ROOTBALL WILL NOT SINK)
  - ⑧ 6'-0"Ø MULCH AREA CLEAR OF GRASS, WEEDS, ETC. TO REDUCE COMPETITION DURING ESTABLISHMENT
  - ⑨ SET ROOT CROWN AT OR 1" ABOVE FINISH GRADE
  - ⑩ MIN 1/3 HEIGHT OF TREE (TYP)

**D PYRAMIDAL TREE STAKING DETAIL** NOT TO SCALE

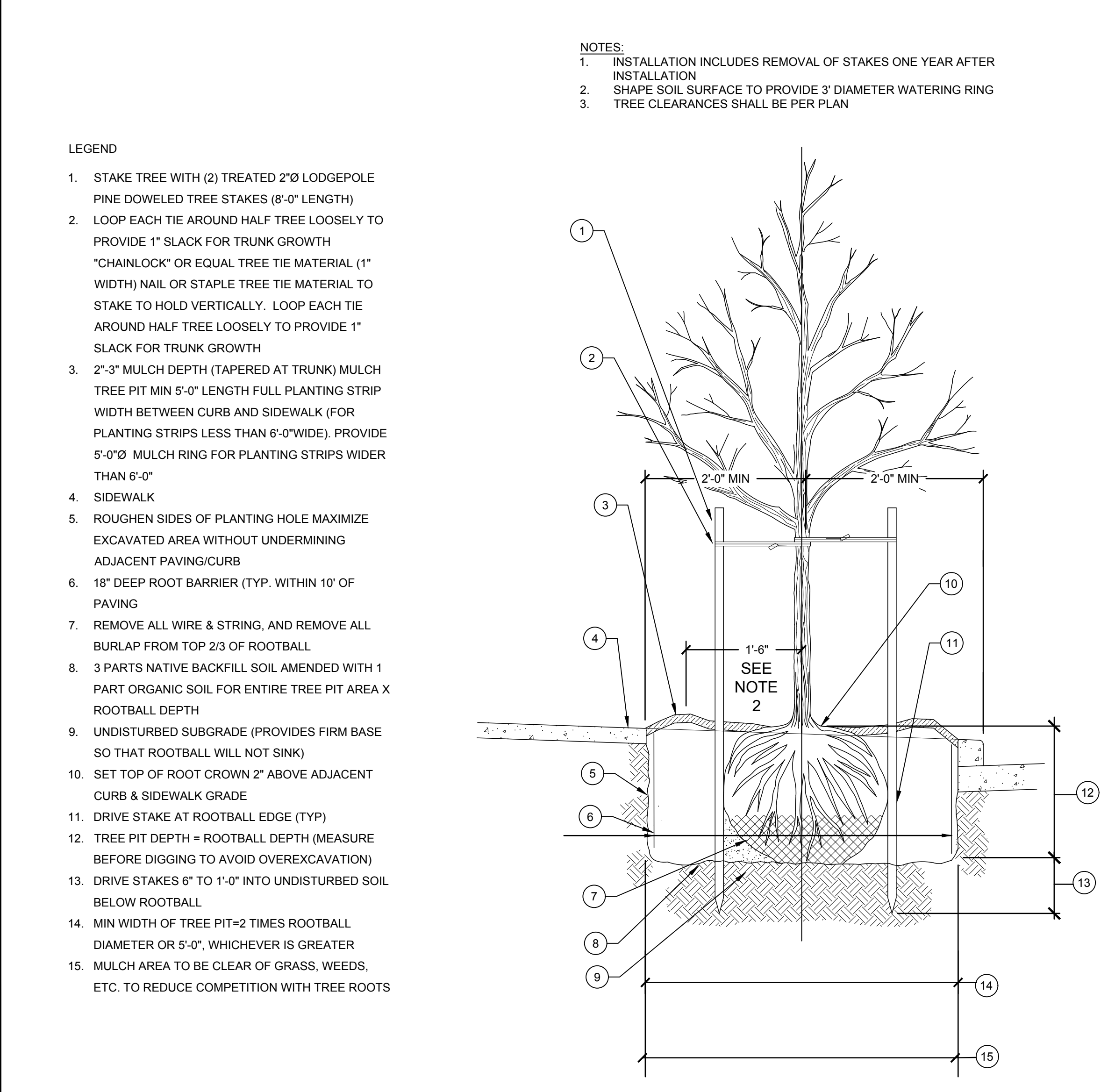


- LEGEND
- ① "CHAINLOCK" OR EQUAL TREE TIE MATERIAL (1" WIDTH) NAIL OR STAPLE TREE TIE MATERIAL TO STAKE TO HOLD VERTICALLY. LOOP EACH TIE AROUND HALF TREE LOOSELY TO PROVIDE 1" SLACK FOR TRUNK GROWTH
  - ② (1.5 X 1.5 IN.) HARDWOOD STAKES OR OTHER APPROVED STAKE MATERIAL
  - ③ ALL STAKES SHALL BE DRIVEN OUTSIDE THE EDGE OF THE ROOT BALL.
  - ④ TREE TRUNK

**B MULTI-TRUNK TREE STAKING DETAIL** NOT TO SCALE



- LEGEND
- ① B&B OR CONTAINERIZED SHRUB (TYP)
  - ② SET ALL PLANTS AT NURSERY LEVEL (TYP)
  - ③ MIN 2"-3" OF MULCH
  - ④ SHRUB PLANTING PIT PREPARATION = ROOTBALL DEPTH & WIDTH PLUS 1'-0" ADDITIONAL ALL SIDES
  - ⑤ FINISH GRADE
  - ⑥ ADDITIONAL PLANTING AREA PREPARATION PER DRAWINGS
  - ⑦ REMOVE CONTAINER COMPLETELY OR REMOVE BURLAP FROM TOP 2/3 OF ROOTBALL. REMOVE ALL WIRE AND STRING
  - ⑧ 3 PARTS NATIVE BACKFILL SOIL AMENDED WITH 1 PART ORGANIC SOIL
  - ⑨ UNDISTURBED SUBGRADE (PROVIDES FIRM BASE SO THAT ROOTBALL WILL NOT



- LEGEND
1. STAKE TREE WITH (2) TREATED 2"Ø LODGEPOLE PINE DOWELED TREE STAKES (8'-0" LENGTH)
  2. LOOP EACH TIE AROUND HALF TREE LOOSELY TO PROVIDE 1" SLACK FOR TRUNK GROWTH "CHAINLOCK" OR EQUAL TREE TIE MATERIAL (1" WIDTH) NAIL OR STAPLE TREE TIE MATERIAL TO STAKE TO HOLD VERTICALLY. LOOP EACH TIE AROUND HALF TREE LOOSELY TO PROVIDE 1" SLACK FOR TRUNK GROWTH
  3. 2"-3" MULCH DEPTH (TAPERED AT TRUNK) MULCH TREE PIT MIN 5'-0" LENGTH FULL PLANTING STRIP WIDTH BETWEEN CURB AND SIDEWALK (FOR PLANTING STRIPS LESS THAN 6'-0" WIDE), PROVIDE 5'-0"Ø MULCH RING FOR PLANTING STRIPS WIDER THAN 6'-0"
  4. SIDEWALK
  5. ROUGHEN SIDES OF PLANTING HOLE MAXIMIZE EXCAVATED AREA WITHOUT UNDERMINING ADJACENT PAVING/CURB
  6. 18" DEEP ROOT BARRIER (TYP. WITHIN 10' OF PAVING
  7. REMOVE ALL WIRE & STRING, AND REMOVE ALL BURLAP FROM TOP 2/3 OF ROOTBALL
  8. 3 PARTS NATIVE BACKFILL SOIL AMENDED WITH 1 PART ORGANIC SOIL FOR ENTIRE TREE PIT AREA X ROOTBALL DEPTH
  9. UNDISTURBED SUBGRADE (PROVIDES FIRM BASE SO THAT ROOTBALL WILL NOT SINK)
  10. SET TOP OF ROOT CROWN 2" ABOVE ADJACENT CURB & SIDEWALK GRADE
  11. DRIVE STAKE AT ROOTBALL EDGE (TYP)
  12. TREE PIT DEPTH = ROOTBALL DEPTH (MEASURE BEFORE DIGGING TO AVOID OVEREXCAVATION)
  13. DRIVE STAKES 6" TO 1'-0" INTO UNDISTURBED SOIL BELOW ROOTBALL
  14. MIN WIDTH OF TREE PIT = 2 TIMES ROOTBALL DIAMETER OR 5'-0", WHICHEVER IS GREATER
  15. MULCH AREA TO BE CLEAR OF GRASS, WEEDS, ETC. TO REDUCE COMPETITION WITH TREE ROOTS

- NOTES:
1. INSTALLATION INCLUDES REMOVAL OF STAKES ONE YEAR AFTER INSTALLATION
  2. SHAPE SOIL SURFACE TO PROVIDE 3' DIAMETER WATERING RING
  3. TREE CLEARANCES SHALL BE PER PLAN

**E GROUNDCOVER PLANTING DETAIL** NOT TO SCALE

**C SHRUB PLANTING DETAIL** NOT TO SCALE

**A TREE PLANTING AND STAKING DETAIL** NOT TO SCALE

PLANTING DETAIL SHEET

OWNER  
2457 S. LINCOLN BLVD.  
2461 S. LINCOLN BLVD.  
VENICE, CA 90291

LINCOLN BLVD.  
EXERCISE & PLAY PARK

PREPARED BY: RS  
REVIEWED BY: RS

DATE: 01-13-2021

SHEET NO.



LINCOLN BLVD

**SYMBOLS LEGEND**

1 HYDROZONE AREAS

--- HYDROZONE LIMITS

REFER TO THE HYDROZONES ON THE "WATER EFFICIENT LANDSCAPE WORKSHEET" ON SHEET LH-1.0

**Appendix B - Sample Water Efficient Landscape Worksheet.**

**WATER EFFICIENT LANDSCAPE WORKSHEET**

This worksheet is filled out by the project applicant and it is a required element of the Landscape Documentation Package.

Reference Evapotranspiration (E<sub>t</sub>) 50.1

Hydrozone # / Planting Description	Plant Factor (PF)	Irrigation Method*	Irrigation Efficiency (IE)†	ETAF (PF/IE)	Landscape Area (sq. ft.)	ETAF x Area	Estimated Total Water Use (ETWU)‡
<b>Regular Landscape Areas</b>							
1- LOW WATER SHRUBS	0.3	DRIP	0.81	0.37	2709.04	1002.34	31134.83
2- LOW WATER TREES	0.3	BUBBLERS	0.81	0.37	326	120.82	3746.7
3- MODERATE WATER TREES	0.5	BUBBLERS	0.81	0.62	226.91	140.68	4369.8
4- LOW WATER TREES	0.3	BUBBLERS	0.81	0.37	134.58	49.79	1546.58
5- LOW WATER TREES	0.3	BUBBLERS	0.81	0.37	101.52	37.56	1166.69
6- LOW WATER SHRUBS	0.3	DRIP	0.81	0.37	1426.28	526.46	16415.14
7- MODERATE WATER SHRUBS	0.5	DRIP	0.81	0.62	950.08	594.63	18470.4
8- LOW WATER GROUNDCOVER	0.3	DRIP	0.81	0.37	1377.78	506.76	15854.70
11- MODERATE WATER TREES	0.5	BUBBLERS	0.81	0.62	515.68	319.72	9631.19
12- MULCH					419.98	419.98	0
13- LOW WATER GROUNDCOVER	0.3	DRIP	0.81	0.37	555.46	205.52	6383.87
14- LOW WATER SHRUBS	0.3	BUBBLERS	0.81	0.37	12.22	4.52	140.44
<b>Totals</b>					<b>(A) 8766.53</b>	<b>(B) 3933.61</b>	<b>109140.43</b>
<b>Special Landscape Areas</b>							
9- ACTIVE RECREATIONAL AREA				1	2179.03	2179.03	67685.03
10- PASSIVE RECREATIONAL AREA				1	4040.35	4040.35	125501.35
<b>Totals</b>					<b>(C) 6219.38</b>	<b>(D) 6219.38</b>	<b>193186.38</b>
					<b>ETWU Total</b>		<b>302326.81</b>
					<b>Maximum Allowed Water Allowance (MAWA)*</b>		<b>315724.06</b>

\*Hydrozone #/Planting Description  
 1 Front lawn  
 2 Low water use plantings  
 3 Medium water use plantings

\*Irrigation Method  
 1 Overhead spray  
 2 Drip

\*Irrigation Efficiency  
 0.75 for spray head  
 0.81 for drip

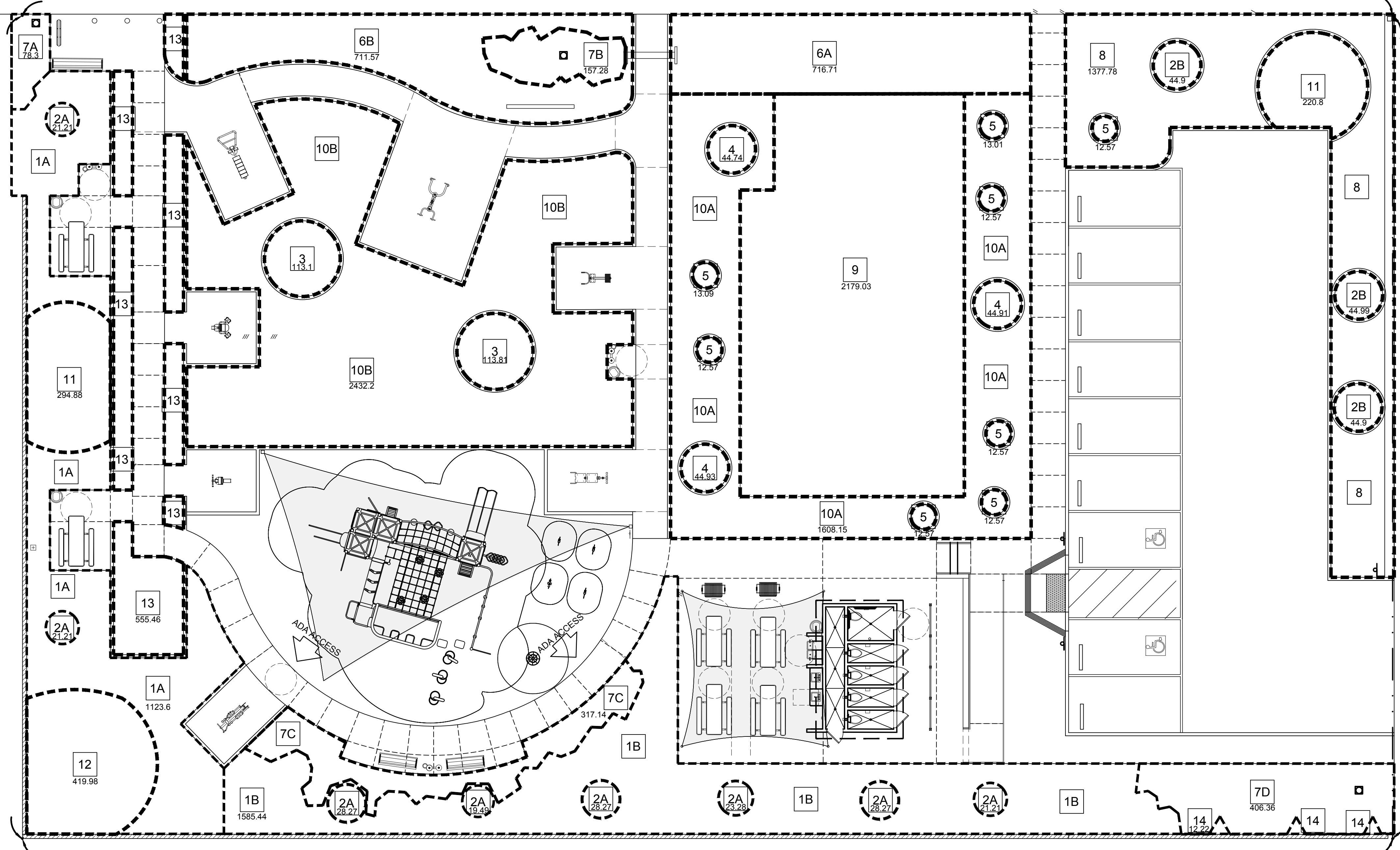
\*ETWU (Annual Gallons Required) = E<sub>t</sub> x 0.62 x ETAF x Area where 0.62 is a conversion factor that converts acre-inches per acre per year to gallons per square foot per year.

\*MAWA (Annual Gallons Allowed) = (E<sub>t</sub>) (0.62) (ETAF x LA) + (ETAF x SLA) where 0.62 is a conversion factor that converts acre-inches per acre per year to gallons per square foot per year. LA is the total landscape area in square feet, SLA is the total special landscape area in square feet, and ETAF is 0.55 for residential areas and 0.45 for non-residential areas.

**ETAF Calculations**  
 Regular Landscape Areas  
 Total ETAF x Area (B) 3933.61

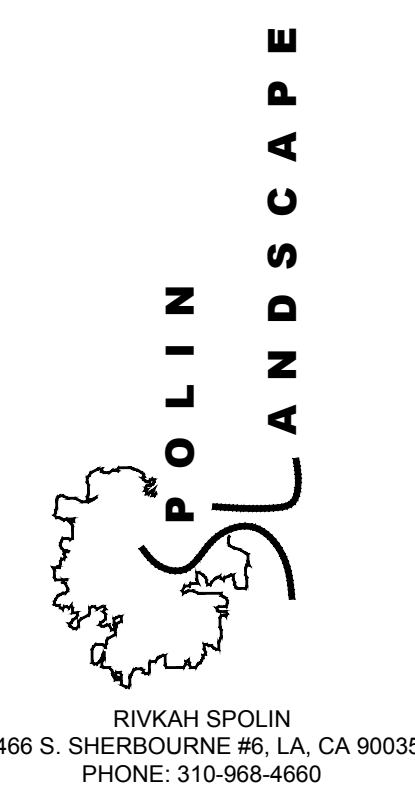
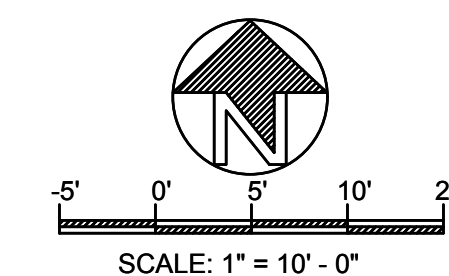
Total Area (A) 8766.53  
 Average ETAF (B ÷ A) 0.45  
 Average ETAF for Regular Landscape Areas must be 0.55 or below for residential areas, and 0.45 or below for non-residential areas.

All Landscape Areas  
 Total ETAF x Area (B+D) 10152.99  
 Total Area (A+C) 14985.91  
 Sitewide ETAF (B+D) ÷ (A+C) 0.68



CALIFORNIA AVE.

PROPERTY LINE



REVISIONS


SHEET TITLE  
**WATER EFFICIENT LANDSCAPE WORKSHEET & HYDROZONE PLAN**

OWNER  
 2457 S. LINCOLN BLVD.  
 2461 S. LINCOLN BLVD.  
 VENICE, CA 90291

LINCOLN BLVD.  
 EXERCISE & PLAY PARK

**DIGALERT**  
 DIAL TOLL FREE 1-800-422-4133  
 AT LEAST TWO DAYS BEFORE YOU DIG  
 UNDERGROUND SERVICE ALERT OF SOUTHERN CALIFORNIA

PREPARED BY: RS  
 REVIEWED BY: RS  
 DATE: 01-13-2021

SHEET NO.  
**LH-1.0**  
 9 OF 14

### IRRIGATION PRESSURE CALCULATION

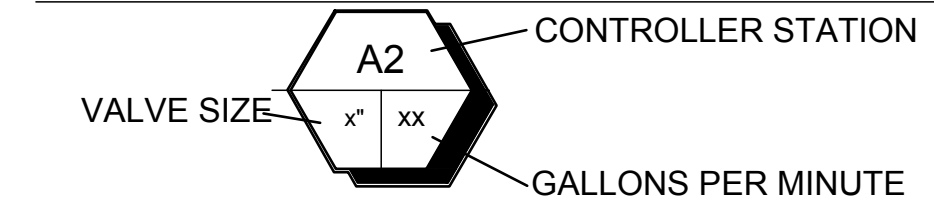
STATIC PRESSURE (AFTER 1" WATER METER) 120 P.S.I. HIGH 85 P.S.I. LOW

SOURCE OF INFORMATION:  
WEST BASIN MUNICIPAL WATER DISTRICT  
ADDRESS: 17140 AVALON BLVD, CARSON, CA 90746  
PHONE: (310) 217-2411  
SHEET NUMBER LI-1.0

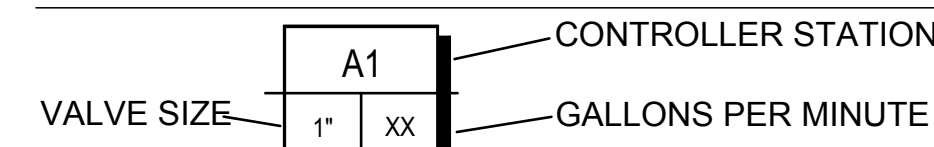
ITEM	VALVE STATION / GPM:		P.S.I. LOSS
WATER METER SIZE	1" @	23.4 G.P.M.	3.4
BACKFLOW DEVICE	1 1/2" @	23.4 G.P.M.	8.0
MASTER VALVE	1 1/2" @	23.4 G.P.M.	1.38
FLOW SENSOR	1 1/2" @	23.4 G.P.M.	1.0
GATE VALVE	1 1/2" 2 EA @	23.4 G.P.M.	0.1
POTABLE WATER METER	1" @	23.4 G.P.M.	2
QUICK COUPLER	1" @	23.4 G.P.M.	6.81
MAINLINE (SCH. 40)	1 1/2" 57.83' @	23.4 G.P.M.	0.9
LATERAL LINE (SCH. 40)	1 1/2" 188.03' @	23.4 G.P.M.	2.91
DRIP LINE	.6 - 12" 2339.83' @	23.4 G.P.M.	0
DRIP ZONE CONTROL KIT	1 1/2" @	23.4 G.P.M.	1.5
SYSTEM LOSSES SUB TOTAL			28
FITTING LOSS (10% OF SUBTOTAL)			2.8
ELEVATION LOSSES (ELEVATION X .433) 0' X 0.433 =			-0
GAINS (ELEVATION X .433) 2' X 0.433 =			+0.87
TOTAL LOSSES			-31.67

AVAILABLE PRESSURE LOW 85.0  
(-) DEFICIT OR (+) RESIDUAL PRESSURE +53.33  
PRESSURE REQUIRED 40  
NOTE: CONTRACTOR SHALL FIELD VERIFY STATIC PRESSURE PRIOR TO CONSTRUCTION.

### REMOTE CONTROL VALVE



### REMOTE CONTROL DRIP ZONE KIT

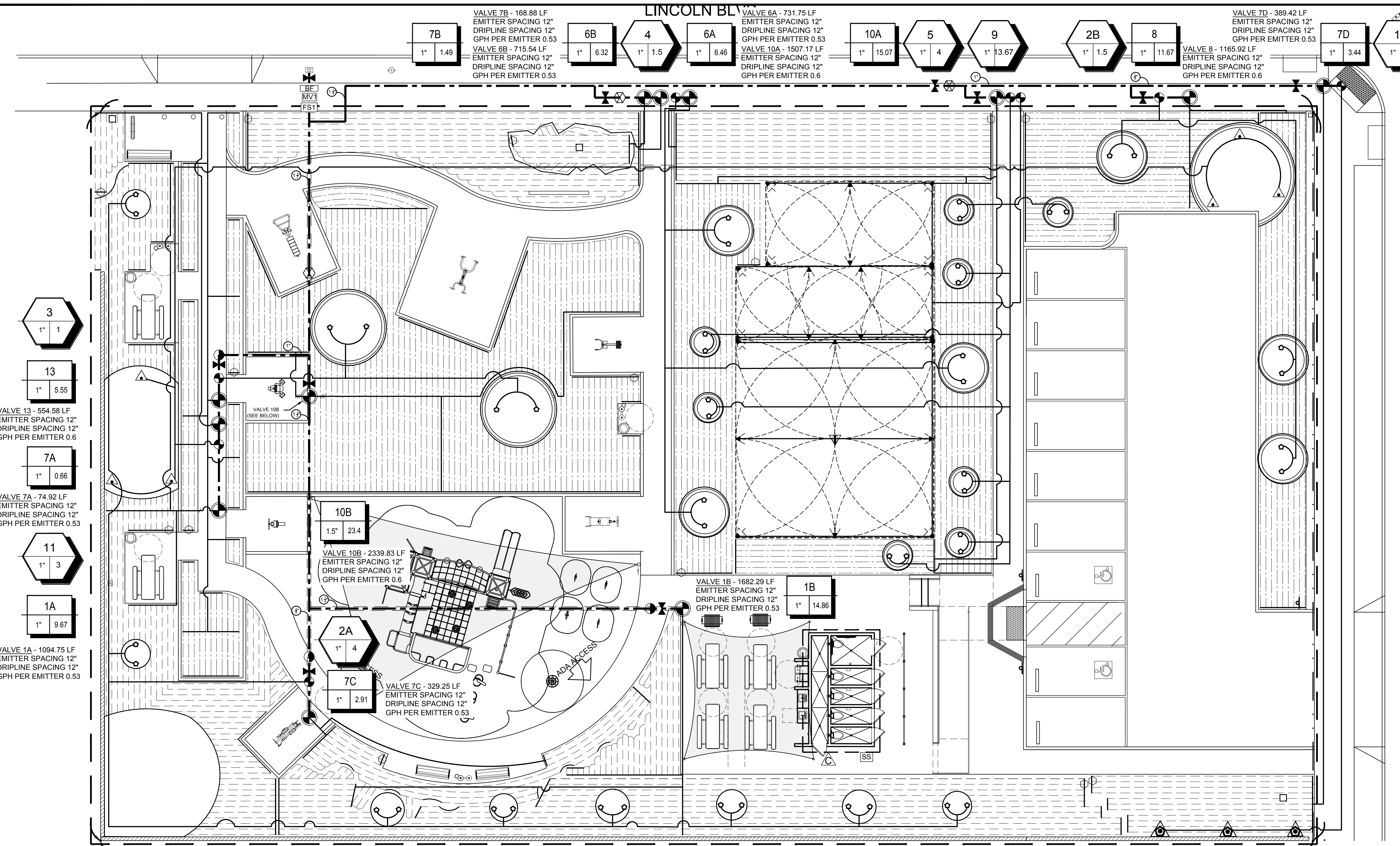


### PIPE SIZING LEGEND

Letter	Pipe Size	Flow Range (GPM)
A	3/4" SCH 40 PVC	(0-8 GPM)
B	1" SCH 40 PVC	(8-12 GPM)
C	1-1/4" SCH 40 PVC	(12-22 GPM)
D	1-1/2" SCH 40 PVC	(22-30 GPM)
E	2" SCH 40 PVC	(30-50 GPM)

### SYMBOLS LEGEND

- = NEW TREE TRUNK
  - = EXISTING TREE TRUNK
  - = MAINLINE SCHEDULE 40 PVC
  - = LATERAL SCHEDULE 40 PVC
  - = 4" PVC SLEEVING
- LATERAL SIZING CHART
- 3/4"
  - 1"
  - 1-1/4"
  - 1-1/2"
  - 2"



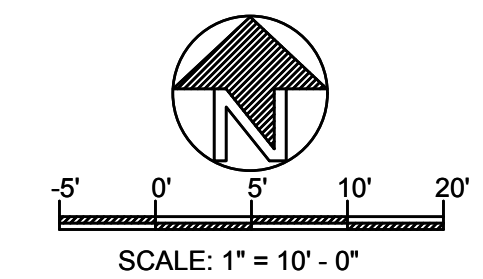
### IRRIGATION LEGEND

ROTTARY NOZZLES		MANUFACTURER/DESCRIPTION	MODEL	RAD	HOUSING	GPM					PSI	PRECIP. RATE	
SYMBOL	360°	270°	210°	180°	90°	45°	360°	180°	120°	90°	45°		
▽	▽	▽	▽	▽	▽	▽	1.47	.74	.40			40	.39 IN/HR

SYMBOL	MANUFACTURER/DESCRIPTION	MODEL	RAD	HOUSING	GPM	PSI	PRECIP. RATE
○	HUNTER - BUBBLER	RZWS-36-.25-CV	N/A	DEEP ROOT WATERING SLEEVE W/ SOCK	.25	30	N/A
△	HUNTER - SHORT-RADIUS MICRO SPRAY NOZZLE	6Q	6	PROS-4-CV	.50	30	N/A
⬢	HUNTER - BUBBLER	RZWS-10-.25-CV	N/A	DEEP ROOT WATERING SLEEVE W/ SOCK	.25	30	N/A

SYMBOL	MANUFACTURER/DESCRIPTION	MODEL	RAD	REMARKS	GPH	PSI	PRECIP. RATE
---	NETAFIM SUBSURFACE TECHLINE @ HCVR 0.53	TLHCVR5-1205	N/A	DRIPLINE TO BE BURIED 4"-6" MAX. IN GROUND	.53	40	0.28
---	HUNTER ECO-MAT	ECO-MAT	N/A	DRIPLINE TO BE BURIED 4"-6" MAX. IN GROUND	.6	40	0.83
---	NETAFIM POLYETHYLENE TUBING	PE-060070-10	N/A	DRIPLINE TO BE BURIED 4"-6" MAX. IN GROUND	N/A	40	N/A

SYMBOL	MANUFACTURER/DESCRIPTION	MODEL	HOUSING	COMMENTS
⊙	HUNTER REMOTE CONTROL VALVE	ICV-101G	CARSON #1324-15 W/ FLUSH COVER AND L-BOLT LOCK	SIZE PER PLAN
⊙	HUNTER REMOTE CONTROL DRIP ZONE KIT	ICZ-101-1" - 40 PSI ICZ-151-1 1/2" - 40 PSI	CARSON #1324-15 W/ FLUSH COVER AND L-BOLT LOCK	SIZE PER PLAN
⊙	HUNTER QUICK COUPLER	HQ44 LRC	CARSON #910-10 W/ T-COVER	INSTALL PER MANUFACT. SPECIFICATIONS
[BF]	1 1/2" BACKFLOW PREVENTOR SUPERIOR	825 Y	GUARDSHACK ENCLOSURE	INSTALL PER MANUFACT. SPECIFICATIONS
[MV]	1 1/2" NORMALLY OPEN MASTER VALVE	3100	CARSON H-SERIES #1730-24	INSTALL PER MANUFACT. SPECIFICATIONS
⊙	NEPTUNE T-10 1" POTABLE WATER METER	T10-DR-1-G-F	CARSON #1324-15 W/ FLUSH COVER AND L-BOLT LOCK	INSTALL PER MANUFACT. SPECIFICATIONS
[FS1]	HUNTER - FLOW SENSOR 1 1/2" SCHEDULE 40 SENSOR (WHITE) RECEPTACLE TEE	FCT-150	CARSON H-SERIES #1730-24	INSTALL PER MANUFACT. SPECIFICATIONS
⊙	NIBCO GATE VALVE	TI-8	CARSON #1324-15 W/ FLUSH COVER AND L-BOLT LOCK	VALVE SIZE TO MATCH LINE SIZE
⊙	HUNTER I-CORE - 24 STATION CONTROLLER	IC-600-SS	STAINLESS OUTDOOR	INSTALL PER MANUFACT. SPECIFICATIONS
[SS]	HUNTER SOLAR SYNC SENSOR W/ MOUNTING ARM	SS		INSTALL ON BUILDING EXTERIOR PER MANUFAC. SPECIFICATIONS
○	HUNTER ECO-INDICATOR			INSTALL PER MANUFACT. SPECIFICATIONS



IRRIGATION PLAN

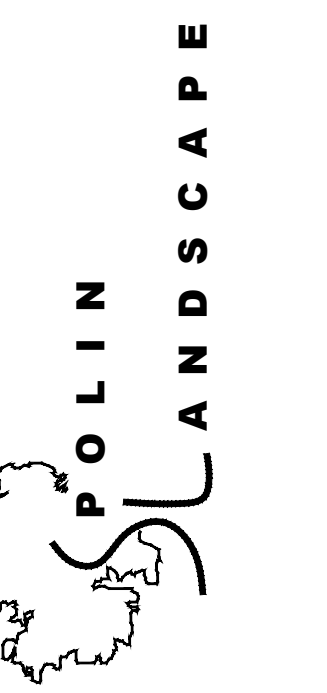
OWNER  
2457 S. LINCOLN BLVD.  
2461 S. LINCOLN BLVD.  
VENICE, CA 90291

LINCOLN BLVD.  
EXERCISE & PLAY PARK

- PRESSURIZE MAINLINE. SCH 40 PVC AT 18" DEPTH BENEATH RELATIVE FINISH GRADE. SIZE PER PLAN.
- LATERAL LINE. SCH 40 PVC AT 12" DEPTH BELOW RELATIVE FINISH GRADE. SIZE PER PLAN
- SLEEVING UNDER PAVING SCHEDULE 40 P.V.C. (4" SIZE OR NOTED)
- REFER TO SHEET LI-2.1 FOR IRRIGATION SCHEDULE

**DIGALERT**  
DIAL TOLL FREE 1-800-422-4133  
AT LEAST TWO DAYS BEFORE YOU DIG  
UNDERGROUND SERVICE ALERT OF SOUTHERN CALIFORNIA

PREPARED BY: RS  
REVIEWED BY: RS  
DATE: 01-13-2021  
SHEET NO.  
**LI-1.0**  
10 OF 14



RIVKAH SPOLIN  
1466 S. SHERBOURNE #6, LA, CA 90035  
PHONE: 310-388-4680

REVISIONS

IRRIGATION DETAILS

SHEET TITLE

OWNER  
2457 S. LINCOLN BLVD.  
2461 S. LINCOLN BLVD.  
VENICE, CA 90291

LINCOLN BLVD.  
EXERCISE & PLAY PARK

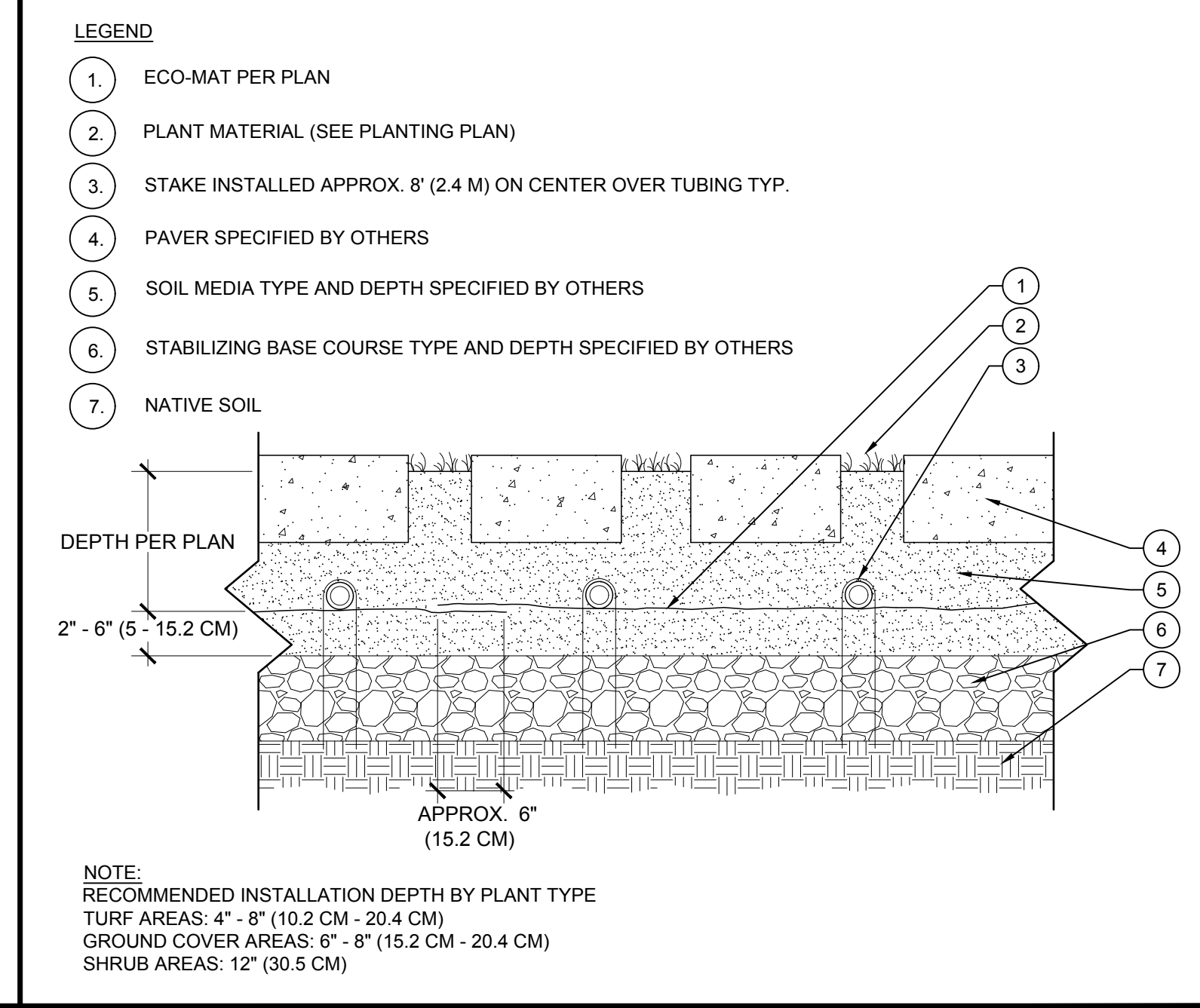
PREPARED BY: RS  
REVIEWED BY: RS

DATE: 01-13-2021

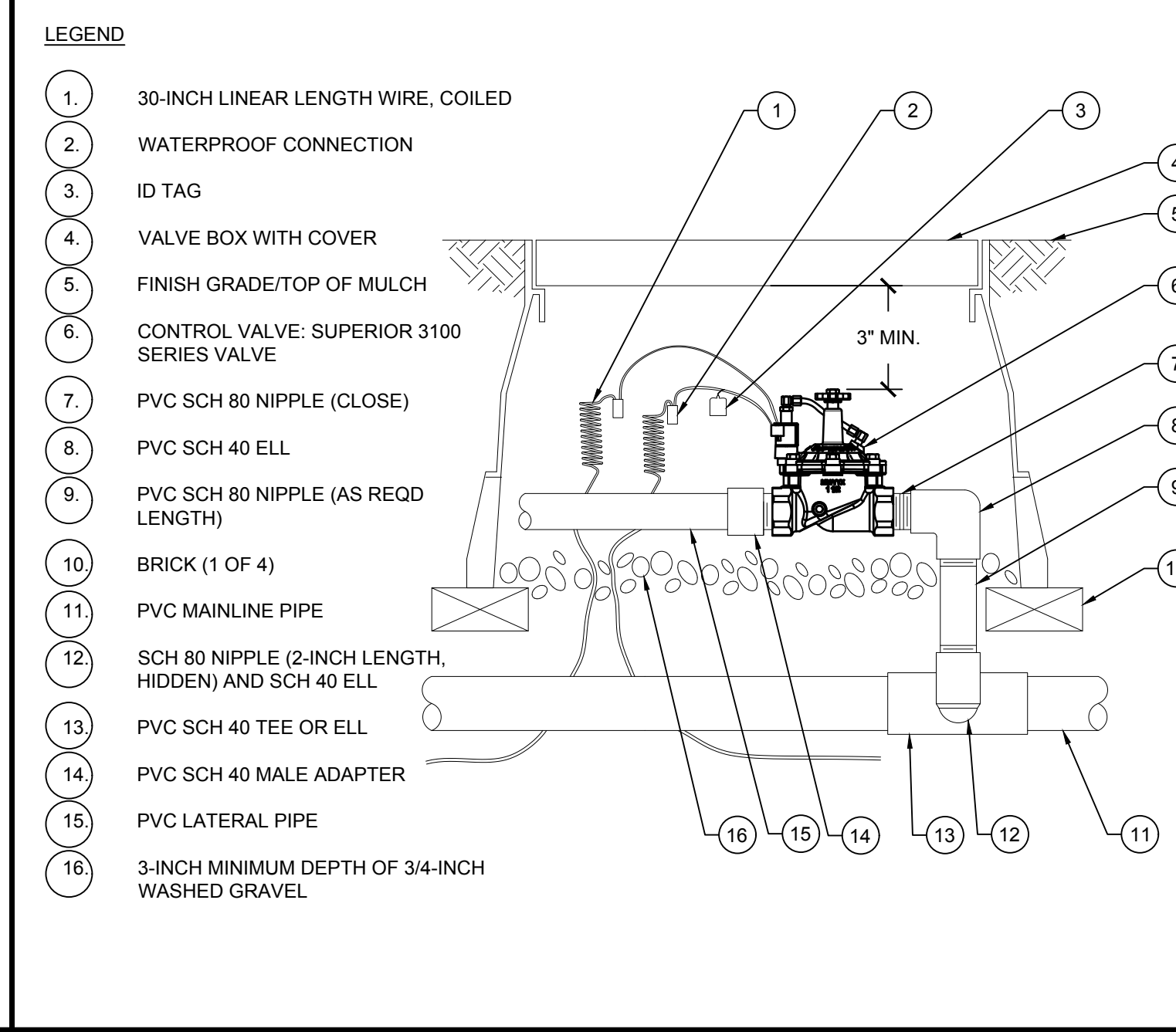
SHEET NO.

LI-2.0

11 OF 14



**C** ECO-MAT UNDER GRASS PAVERS NOT TO SCALE



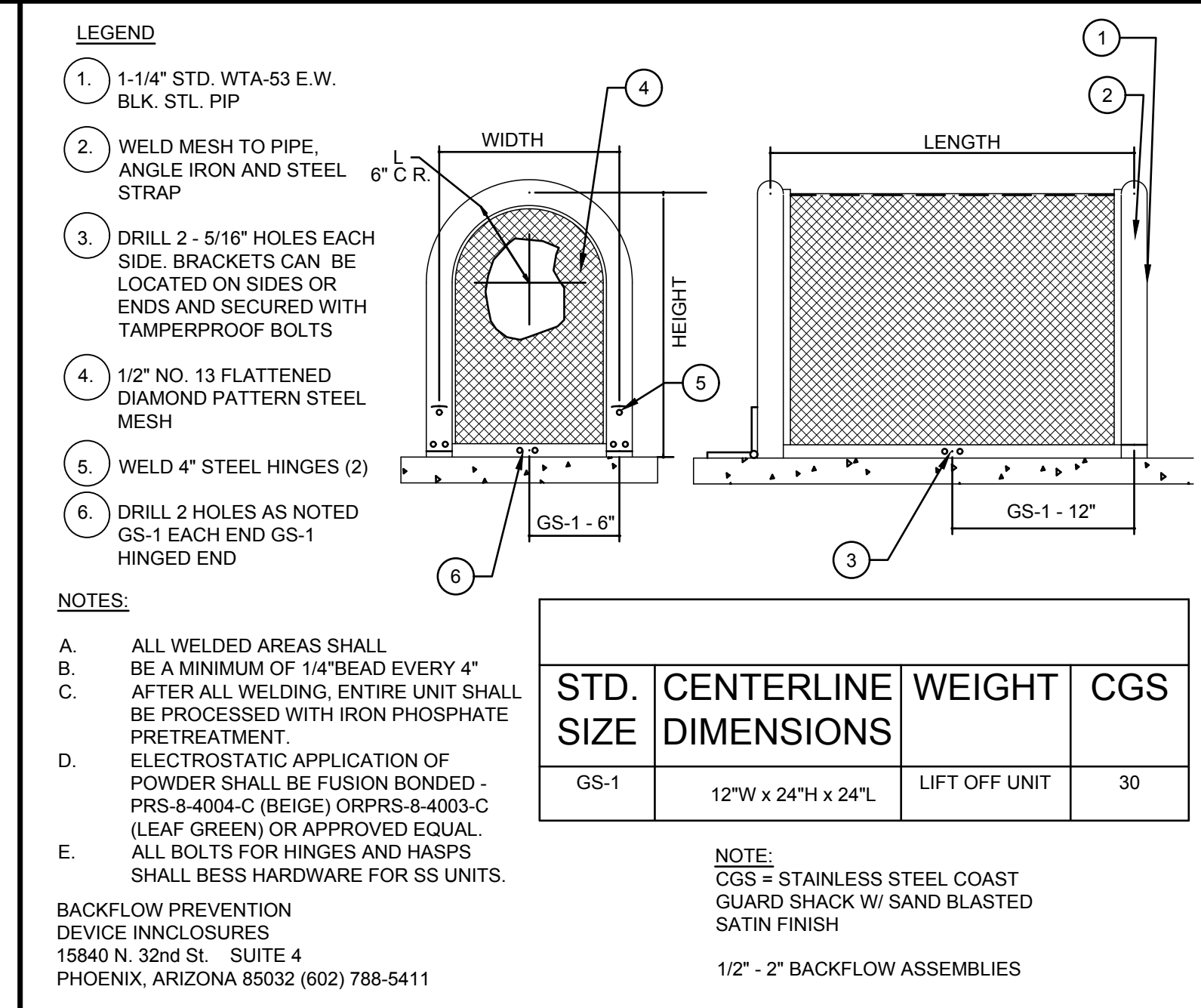
**F** SUPERIOR 3100 1 1/4" MASTER VALVE NOT TO SCALE



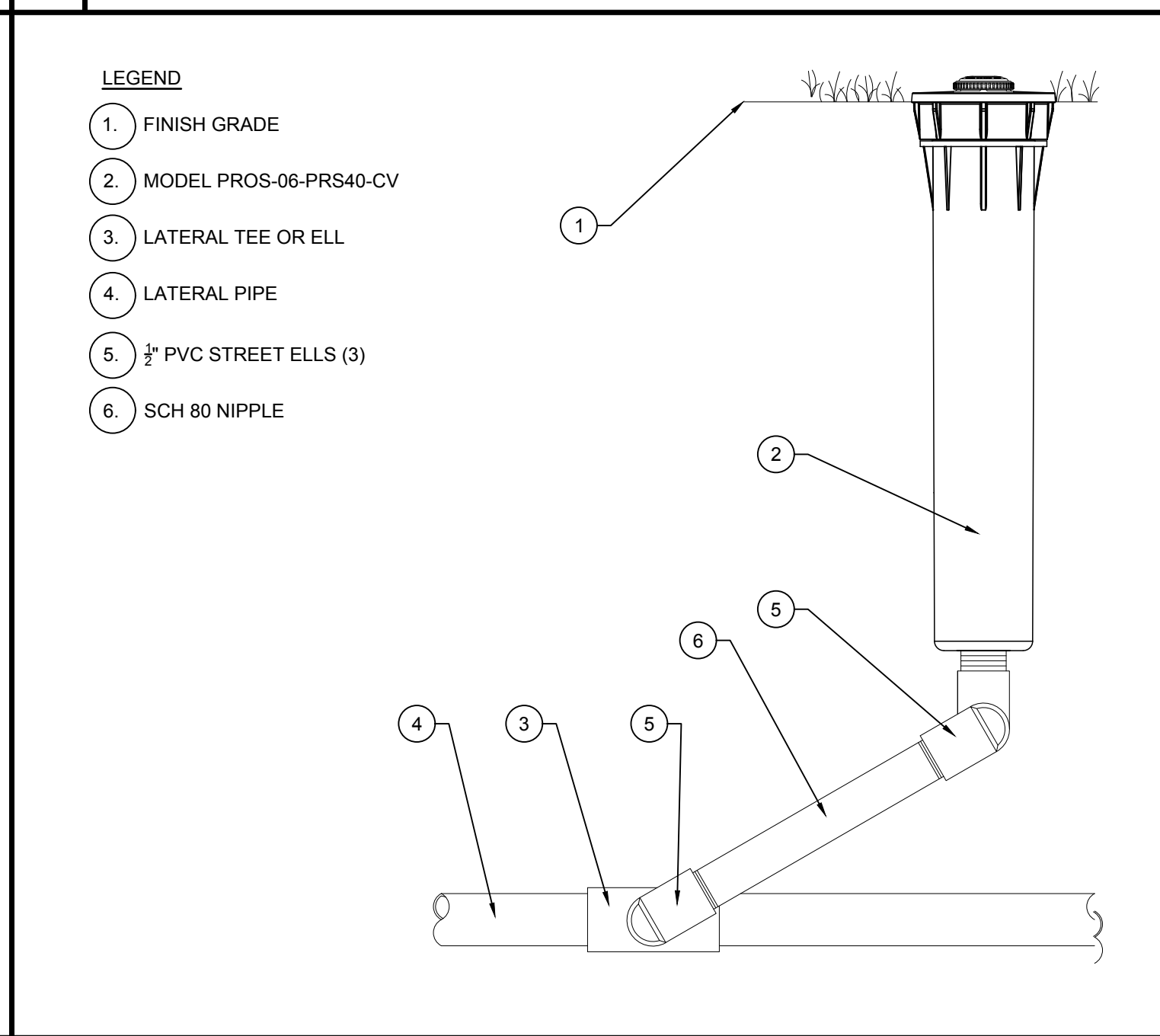
**E** DRIP CONTROL ZONE KIT ICZ-101 NOT TO SCALE



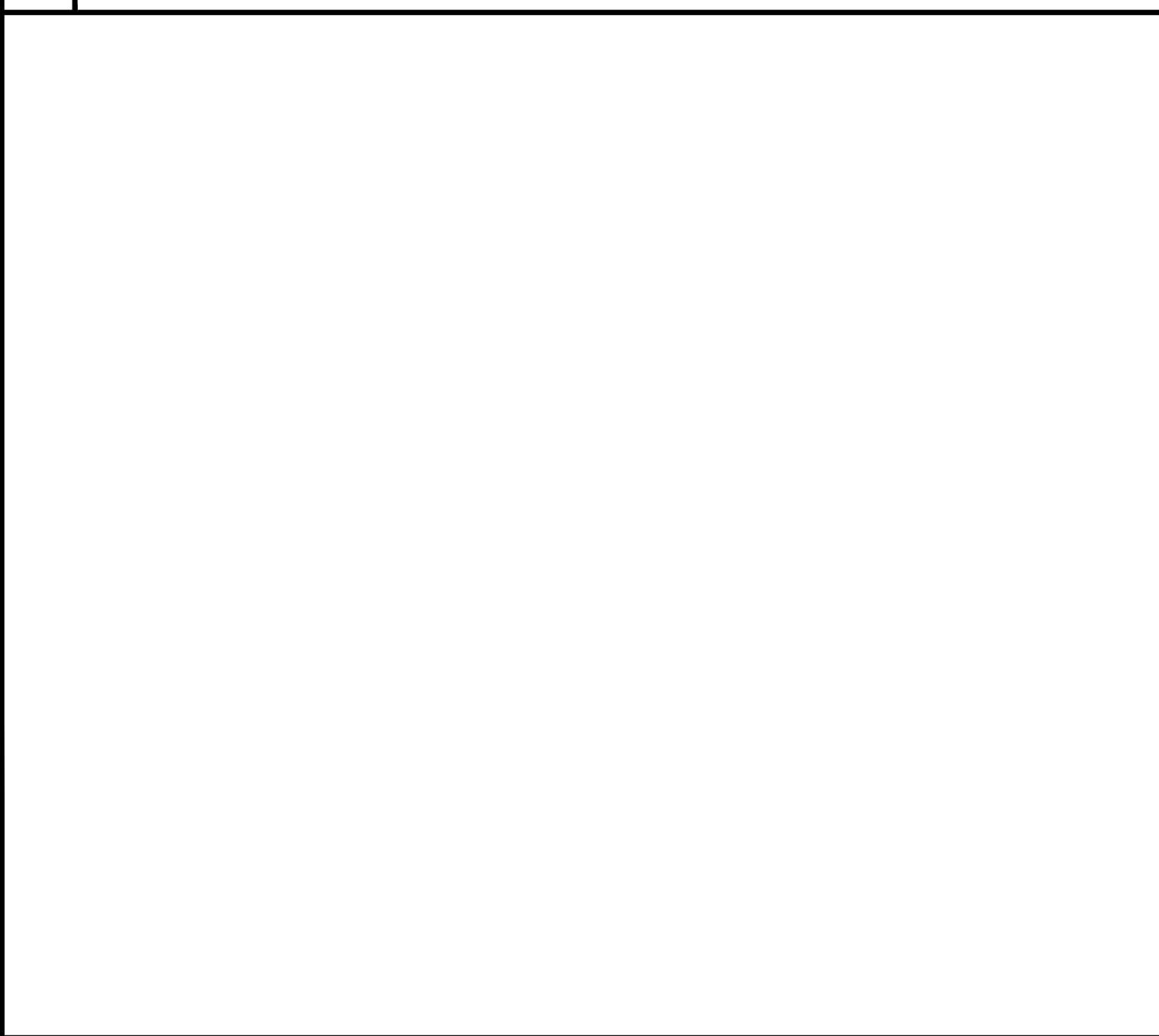
**L** NOT USED SCALE



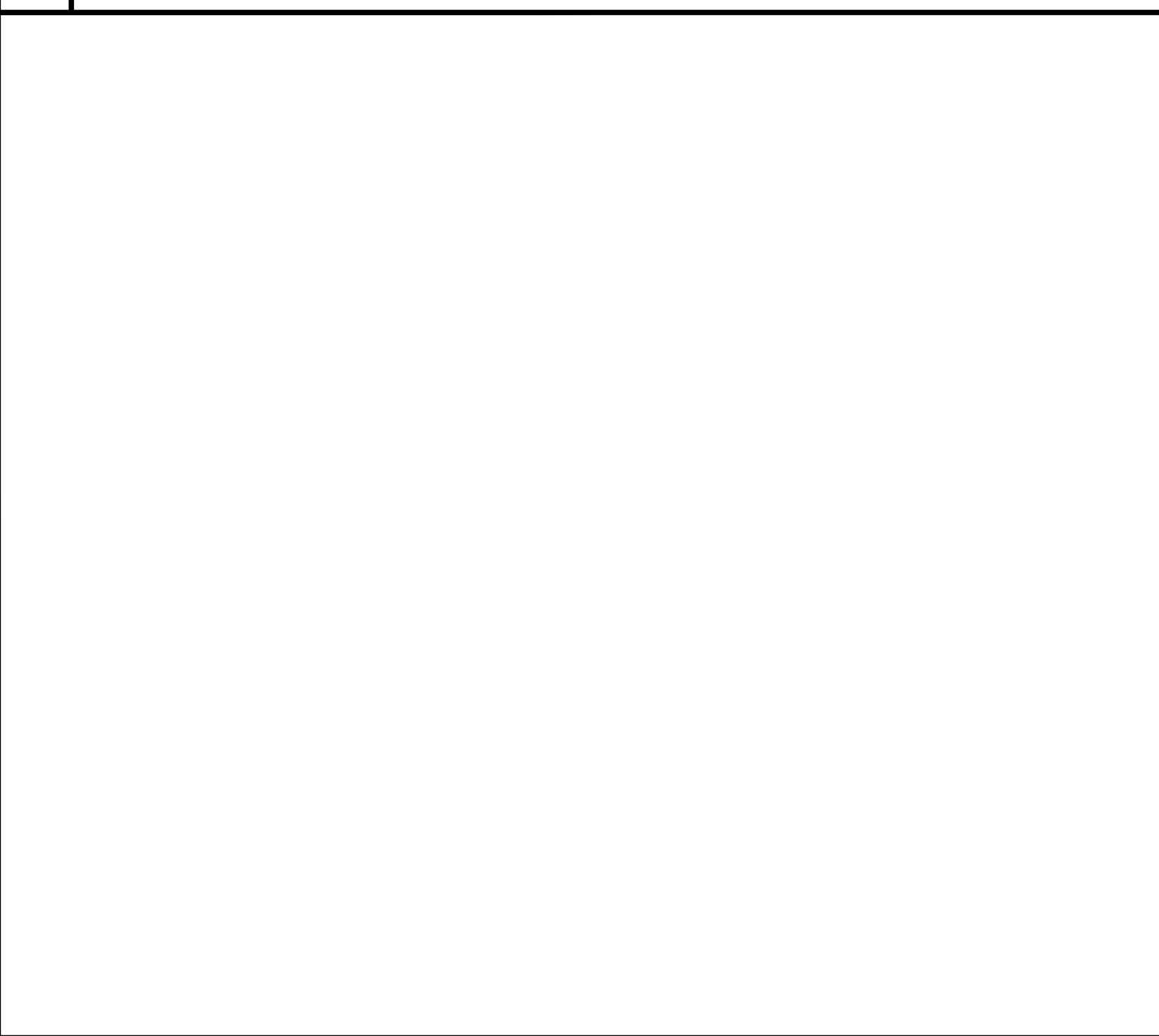
**B** GUARDSHACK ENCLOSURE NOT TO SCALE



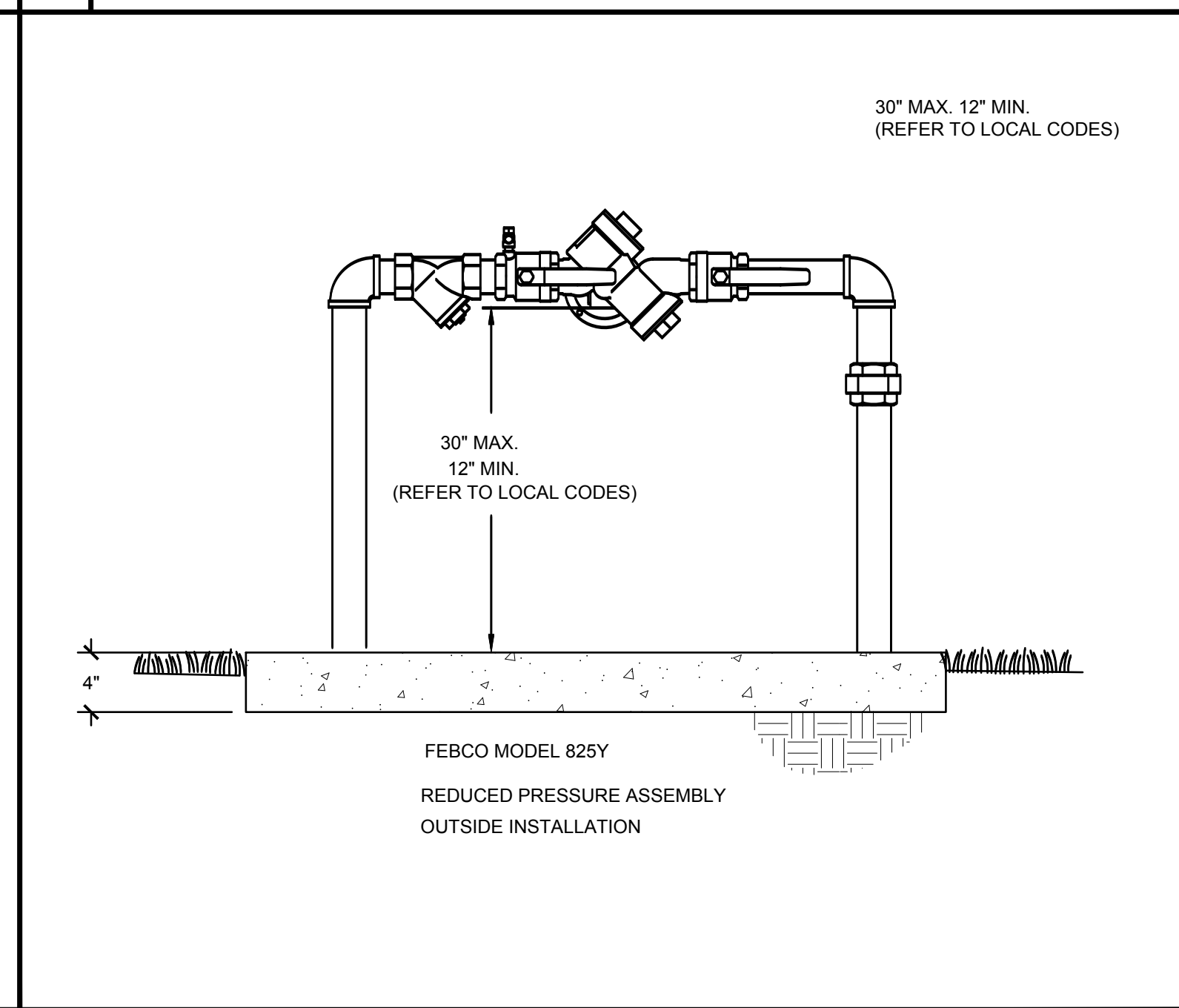
**D** PROS-06-PRS40-CV MP ROTATOR NOT TO SCALE



**G** NOT USED SCALE



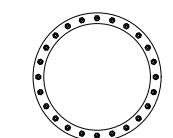
**J** NOT USED SCALE



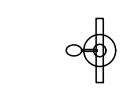
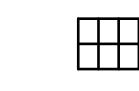
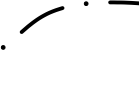

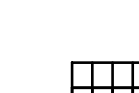



**A** BACKFLOW PREVENTER NOT TO SCALE



LINCOLN BLVD



**LEGEND**

-  = SECURITY LIGHTING - GENESIS FIXTURE W/ 30 WATT LED, TYPE V DISTRIBUTION DUSK ACTIVATED TIMER SET FOR 7 HOURS SIDE OF POLE TENON BRACKET ALUMINUM POLE 20' ANCHOR BASE
-  = POWER ASSEMBLY - SEPCO-SEPA 85-GN30V-DAT7-ST-APAB20 SOLAR ELECTRIC POWER ASSEMBLY 85 WATT 82 AMP HOUR BATTERY ASSEMBLY
-  = 1/2" LOW VOLTAGE DIRECT BURIAL CABLE
-  = PATH LIGHTING - 8" PALM BEACH BOLLARDS MODEL #PB842L /AC/LED/VR1/BB WITH 8 WATT LED DUSK ACTIVATED TIMER SET FOR 5 HOURS WITH DOME TOP (INTERNAL OPTICS) BY BEACON PRODUCTS, A DIVISION OF HUBBELL LIGHTING OR APPROVED EQUAL
-  = SOLAR SIGN LIGHTING - ALF ARCHITECTURAL FLOOD SOLAR LIGHT FIXTURE W/ LAMPING: 9 WATT LED GROUND MOUNTED APPLICATIONS. POWER SOURCE TO BE SEPCO SOLAR ELECTRIC POWER ASSEMBLY SEPCO-SEPA 125-8P BLEDB-DAT5-SG SHARED WITH BOLLARD. INSTALL PER MANUFACTURERS SPECIFICATIONS.
-  = POWER ASSEMBLY - SEPCO-SEPA 125-8P BLEDB-DAT5-SG SOLAR ELECTRIC POWER ASSEMBLY 125 WATT 164 AMP HOUR BATTERY ASSEMBLY UPGRADE AND STEEL GALVANIZED POLE 21' IN HEIGHT
-  = SLEEVING UNDER PAVING SCHEDULE 40 P.V.C. (4" SIZE OR NOTED)
-  = HORIZONTAL BEAM SPREAD

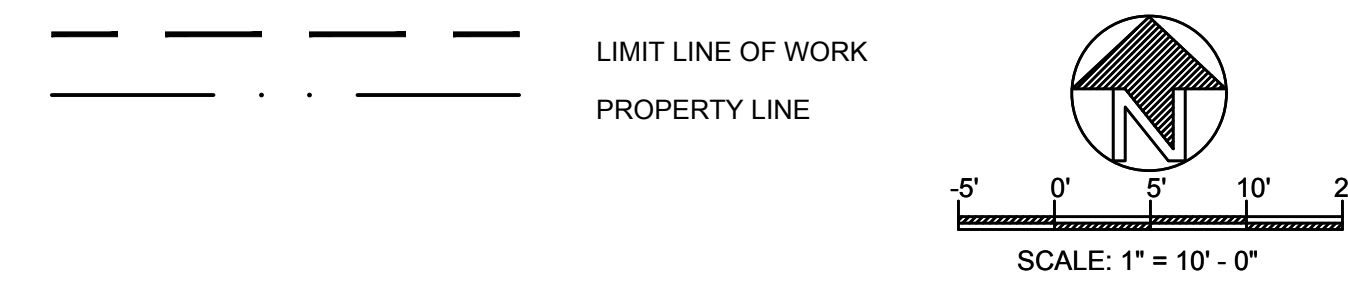
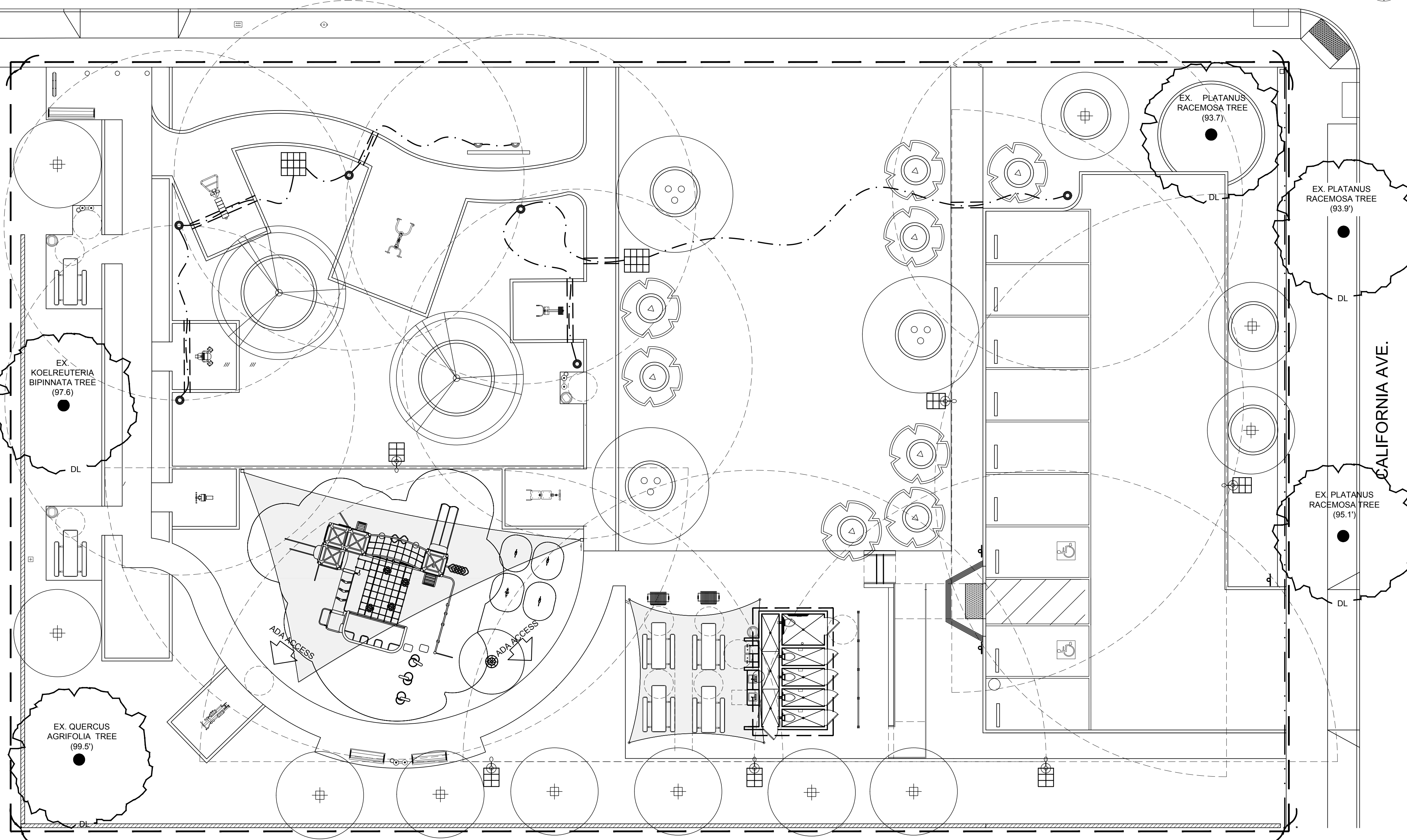
**LIGHTING EQUIPMENT:**

- PLAN IS DIAGRAMMATIC, VERIFY ALL SPECIFICATIONS WITH SEPCO
- A. LIGHTING PLAN INCLUDES 6 - LIGHTING BOLLARD SYSTEMS, 2 - 125 WATT SOLAR ELECTRIC POWER ASSEMBLY, SPECIFICATIONS ARE:
1. 8 WATT LED METRO BOLLARDS, THE BOLLARD FIXTURE IS MANUFACTURED BY BEACON PRODUCTS, A DIVISION OF HUBBELL LIGHTING
  2. 125 WATT SOLAR ELECTRIC POWER ASSEMBLY, AND MOUNTING POLE - 8 WATT EACH POWER ASSEMBLY INCLUDES A 125 WATT SOLAR MODULE WITH AN ALUMINUM PROTECTIVE PANEL PAN, 45 DEGREE WELDED ALUMINUM MOUNTING BRACKET, VENTED ALUMINUM BATTERY BOX, 164 A.H. MAINTENANCE FREE DEEP CYCLE GEL CELL BATTERY ASSEMBLY, AND THE SEPCO PATENTED LCU1 CONTROLLER. THIS POWER ASSEMBLY WILL PROVIDE ILLUMINATION FROM DUSK FOR 5 HOURS EVERY NIGHT WITH 6 DAYS OF AUTONOMOUS BATTERY STORAGE IN CASE OF INCLEMENT WEATHER.
- B. LIGHTING PLAN INCLUDES 6 - SECURITY LIGHTING SYSTEMS, SPECIFICATIONS ARE:
1. 30 WATT LED GENESIS FIXTURE MANUFACTURED BY BEACON PRODUCTS, A DIVISION OF HUBBELL LIGHTING
  2. 85 WATT SOLAR ELECTRIC POWER ASSEMBLY, EACH POWER ASSEMBLY INCLUDES A 85 WATT SOLAR MODULE WITH AN ALUMINUM PROTECTIVE PANEL PAN, 45 DEGREE WELDED ALUMINUM MOUNTING BRACKET, VENTED ALUMINUM BATTERY BOX, 164 A.H. MAINTENANCE FREE DEEP CYCLE GEL CELL BATTERY ASSEMBLY, AND THE SEPCO PATENTED LCU1 CONTROLLER. THIS POWER ASSEMBLY WILL PROVIDE ILLUMINATION FROM DUSK FOR 5 HOURS EVERY NIGHT WITH 6 DAYS OF AUTONOMOUS BATTERY STORAGE IN CASE OF INCLEMENT WEATHER.
- C. LIGHTING PLAN INCLUDES 2 - LIGHTING SIGN FIXTURE, SPECIFICATIONS ARE:
1. 9 WATT LED ALF ARCHITECTURAL FLOOD SOLAR LIGHT FIXTURE W/ LAMPING: GROUND MOUNTED APPLICATIONS. POWER SOURCE TO BE SEPCO SOLAR ELECTRIC POWER ASSEMBLY SEPCO-SEPA 125-8P BLEDB-DAT5-SG SHARED WITH BOLLARD. INSTALL PER MANUFACTURERS SPECIFICATIONS MANUFACTURED BY BEACON PRODUCTS, A DIVISION OF HUBBELL LIGHTING

CONTACT INFORMATION:

BEACON PRODUCTS (A DIVISION OF HUBBELL LIGHTING, INC.)  
 2041 58TH AVENUE CIRCLE EAST | BRADENTON, FL 34203 | PHONE: (800) 345-4928 | FAX: (941) 751-5535

MATT CIRRI/COMMERCIAL SALES  
 SEPCO - SOLAR ELECTRIC POWER COMPANY 7986 SW JACK JAMES DR. STUART, FL 34997  
 PHONE: 772-220-6615 FAX: 772-220-8616



**LIGHTING AND ELECTRICAL SPECIFICATIONS**

- SCOPE OF WORK**
- A. THE WORK INCLUDED IN THIS PROJECT SHALL CONSIST OF PROVIDING ALL TOOLS, MATERIALS, LABOR, TESTS, PERMITS, ETC. NEEDED TO COMPLETE LIGHTING AS SHOWN ON DRAWINGS AND DETAILS PROVIDED.
  - B. ALL WORKMANSHIP AND MATERIALS SHALL BE OF THE HIGHEST QUALITY AVAILABLE.
  - C. ALL WORK MUST BE DONE IN COMPLIANCE WITH REQUIREMENTS OF ALL LEGALLY CONSTITUTED AUTHORITIES HAVING JURISDICTION.
- MATERIALS**
- A. AS PER LEGENDS AND DETAILS.
  - B. NO SUBSTITUTIONS SHALL BE ALLOWED UNLESS APPROVED BY LANDSCAPE ARCHITECT.
- SITE CONDITIONS AND VERIFICATIONS**
- A. CONTRACTOR SHALL VERIFY EXISTING ELECTRICAL FACILITIES: PANELS, OUTLETS, CIRCUITS AVAILABLE, ETC.
  - B. CONTRACTOR SHALL VERIFY ALL DIMENSIONS AND WORK AS SHOWN ON THE PLANS PROVIDED.
  - C. PRIOR TO SUBMITTING BIDS, THE CONTRACTOR MUST REPORT ANY DISCREPANCIES (I.E. NEED FOR ANY ADDITIONAL CIRCUITS, ETC.) TO LANDSCAPE ARCHITECT. FAILURE TO REPORT SUCH A DISCREPANCY PRIOR TO SUBMISSION OF FINAL BID SHALL RESULT IN THE CONTRACTOR ASSUMING ALL RESPONSIBILITY FOR ANY NEEDED REVISIONS.
- FINAL ADJUSTMENT**
- A. AFTER INSTALLATION OF THE FIXTURES, CONTRACTOR SHALL PROVIDE AN ELECTRICIAN AND WORKMAN FOR A FINAL LIGHTING ADJUSTMENT. TO BE SUPERVISED BY A LIGHTING DESIGNER OR BY LANDSCAPE ARCHITECT. THIS ADJUSTMENT SHALL BE CONDUCTED AFTER DARK TO INSURE PROPER ADJUSTMENT AND OPERATION.
- RECORD DRAWINGS**
- A. CONTRACTOR SHALL SUPPLY OWNER WITH "AS BUILT" DRAWINGS ON BOND LOCATING ALL TRANSFORMERS, FIXTURES, WIRING, ETC.
- CLEAN-UP**
- A. CONTRACTOR MUST REMOVE ALL EQUIPMENT, MATERIAL AND DEBRIS RESULTING FROM HIS/HER WORK, LEAVING THE SITE IN ACCEPTABLE CONDITION AS APPROVED BY THE OWNER.
- INSPECTION**
- A. INSPECTION BY OWNER AND/OR LANDSCAPE ARCHITECT SHALL BE MADE AT COMPLETION OF PROJECT.

**GENERAL LIGHTING NOTES:**

- A. CONTRACTOR TO VERIFY PLACEMENT OF ALL LIGHT FIXTURES WITH OWNER/LANDSCAPE ARCHITECT PRIOR TO CONSTRUCTION.
- B. CONTRACTOR TO VERIFY LOCATION OF ALL EXTERIOR SECURITY LIGHTS PRIOR TO INSTALLATION OF NEW LANDSCAPE LIGHT FIXTURES.
- C. SECURITY LIGHTS TO BE ON SEPARATE SWITCHING SYSTEM.
- D. CONTRACTOR TO CROSS-REFERENCE THIS SHEET WITH PLANTING PLAN (SHEET L-3.0) TO COORDINATE ALL FIXTURE LOCATIONS.
- E. ALL LIGHTING CABLES, INCLUDING LOW VOLTAGE, TO BE PLACED IN CONDUIT IN ACCORDANCE WITH ANY APPLICABLE CITY REQUIREMENTS (UNLESS OTHERWISE INSTRUCTED BY OWNER OR LANDSCAPE ARCHITECT).
- F. PLEASE VERIFY WITH OWNER PRIOR TO SUBMISSION OF BIDS
- G. CONTRACTOR VERIFY ALL LAMP SPECIFICATIONS WITH LANDSCAPE ARCHITECT PRIOR TO FINAL INSTALLATION.
- H. CONTRACTOR TO PROVIDE COLOR/FINISH SAMPLES FOR FIXTURES SPECIFIED.
- I. CONTRACTOR TO PLACE CABLE IN CONDUIT IN ALL LOCATIONS, TO FACILITATE FURTHER PULLING FOR REPAIR WORK UNLESS OTHERWISE SPECIFIED.
- J. CONTRACTOR TO PLACE CONDUIT IN SLEEVING UNDER ALL WALLS, WALKWAYS, AND PAVING.
- K. CONTRACTOR TO VERIFY INSTALLATION OF POWER ASSEMBLY UNITS ALONG SOUTHWEST AXIS

**RIVKAH SPOLIN LANDSCAPE**

RIVKAH SPOLIN  
 1466 S. SHERBOURNE #6, LA, CA 90035  
 PHONE: 310-968-4660

REVISIONS	

SHEET TITLE

**LIGHTING PLAN**

OWNER

2457 S. LINCOLN BLVD.  
 2461 S. LINCOLN BLVD.  
 VENICE, CA 90291

LINCOLN BLVD.  
 EXERCISE & PLAY PARK

PREPARED BY:	REVIEWED BY:
RS	RS

DATE: 01-13-2021

SHEET NO.

**LL-1.0**

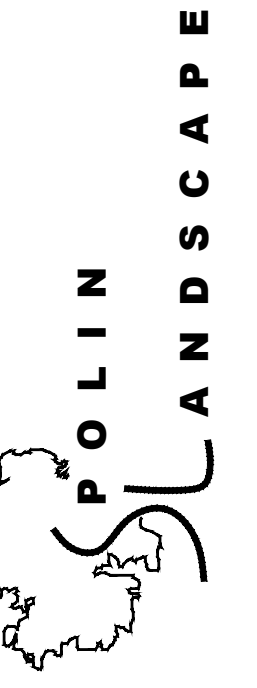
13 OF 14

**DIGALERT**

CALL TOLL FREE  
 1-800-422-4133

AT LEAST TWO DAYS BEFORE YOU DIG

UNDERGROUND SERVICE ALERT OF SOUTHERN CALIFORNIA



RIVKAH SPOLIN  
1466 S. SHERBOURNE #6, LA, CA 90035  
PHONE: 310-968-4660

REVISIONS

SHEET TITLE  
LIGHTING DETAILS

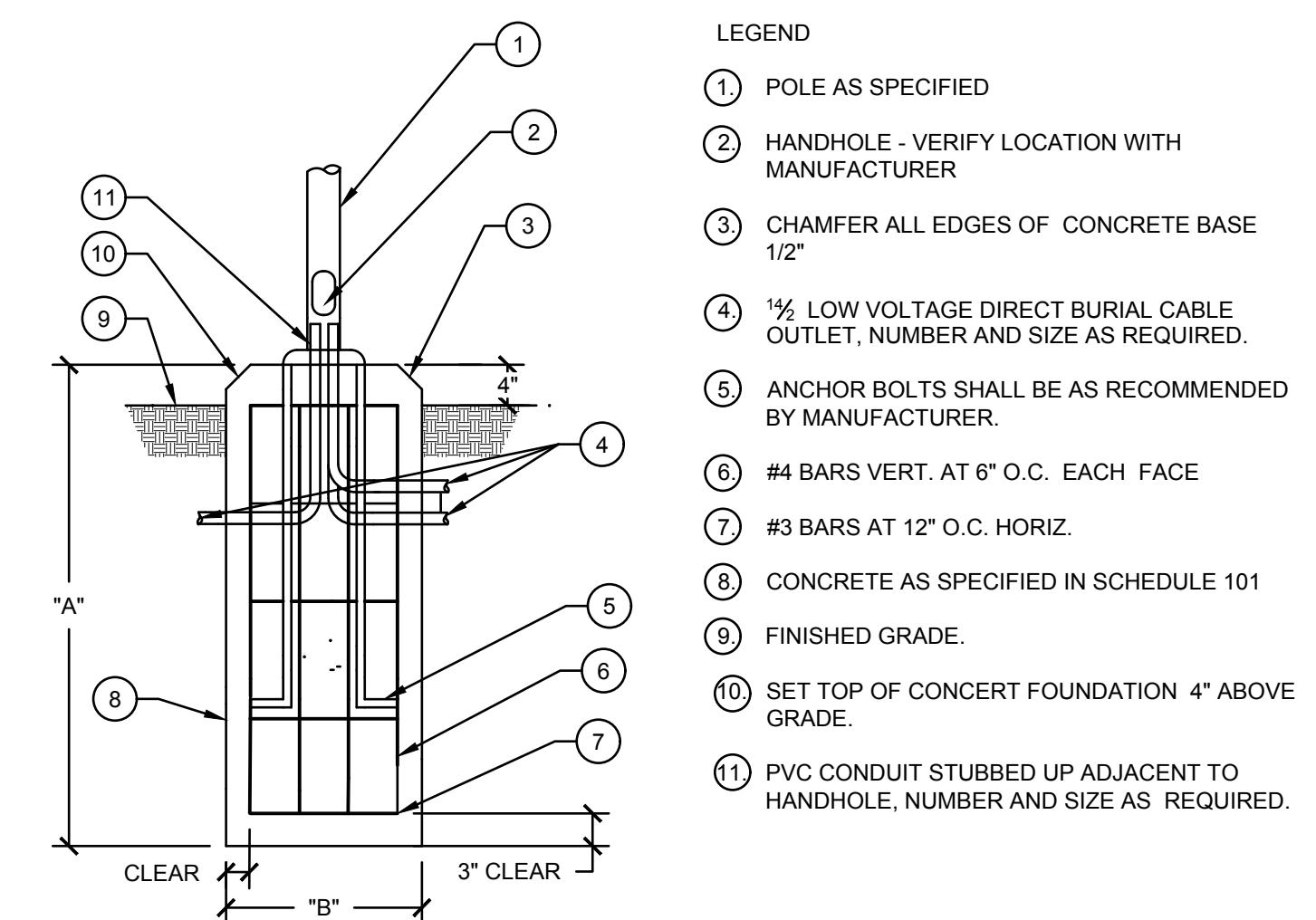
OWNER  
2457 S. LINCOLN BLVD.  
2461 S. LINCOLN BLVD.  
VENICE, CA 90291  
LINCOLN BLVD.  
EXERCISE & PLAY PARK

PREPARED BY: RS  
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DATE: 01-13-2021

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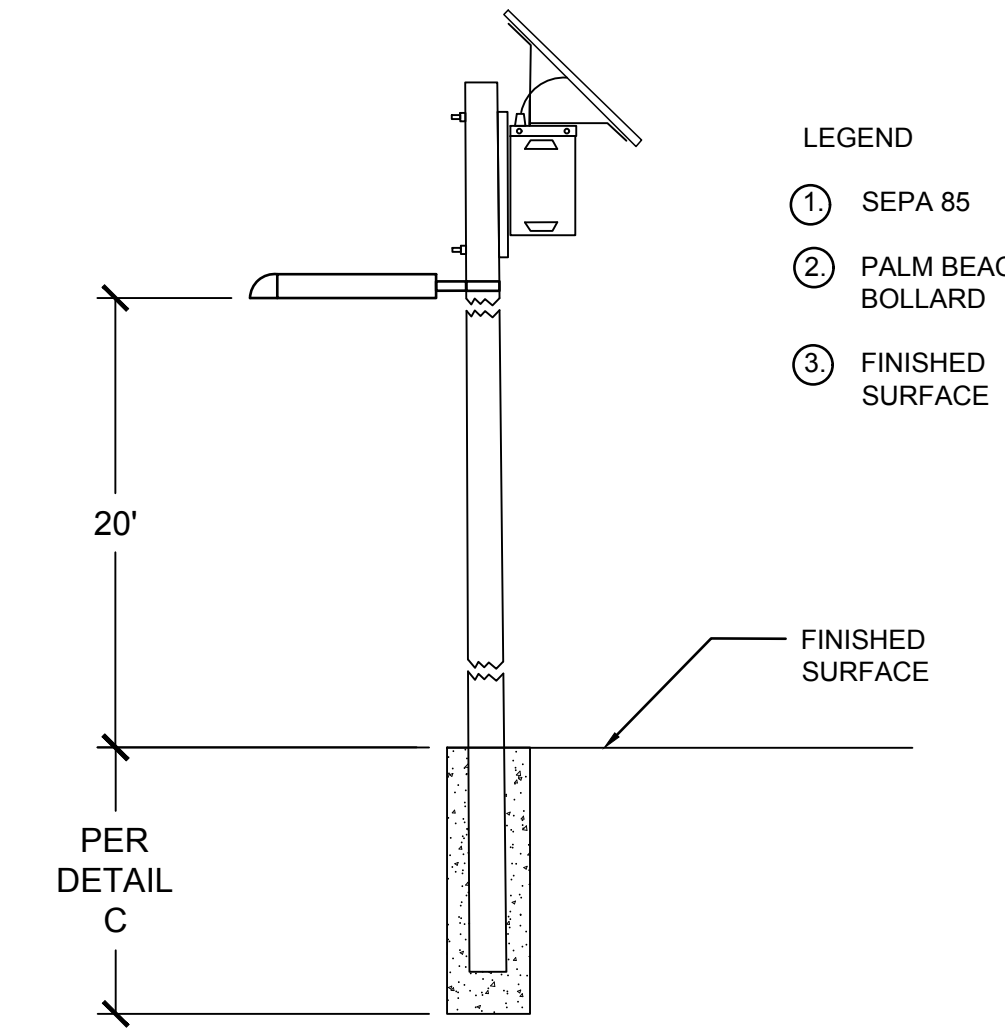
LL-2.0  
14 OF 14



- LEGEND
- ① POLE AS SPECIFIED
  - ② HANDHOLE - VERIFY LOCATION WITH MANUFACTURER
  - ③ CHAMFER ALL EDGES OF CONCRETE BASE 1/2"
  - ④ 1/2" LOW VOLTAGE DIRECT BURIAL CABLE OUTLET, NUMBER AND SIZE AS REQUIRED.
  - ⑤ ANCHOR BOLTS SHALL BE AS RECOMMENDED BY MANUFACTURER.
  - ⑥ #4 BARS VERT. AT 6" O.C. EACH FACE
  - ⑦ #3 BARS AT 12" O.C. HORIZ.
  - ⑧ CONCRETE AS SPECIFIED IN SCHEDULE 101
  - ⑨ FINISHED GRADE.
  - ⑩ SET TOP OF CONCRET FOUNDATION 4" ABOVE GRADE.
  - ⑪ PVC CONDUIT STUBBED UP ADJACENT TO HANDHOLE, NUMBER AND SIZE AS REQUIRED.

SCHEDULE 101		
POLE HEIGHT	A	B
(8' - 12')	(36")	(12")
(13' - 20')	(42")	(16")
(21' - 25')	(72")	(24")

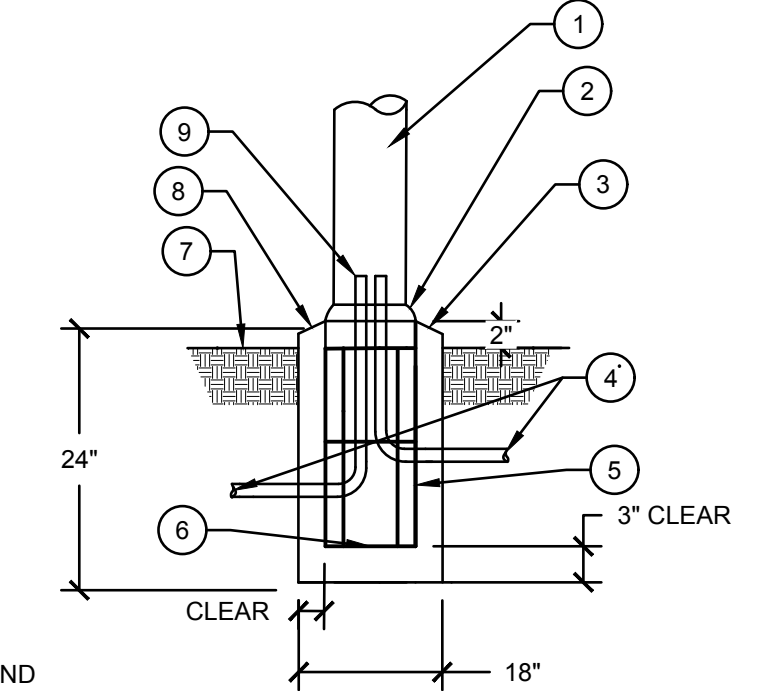
C POLE BASE DETAIL NOT TO SCALE



- LEGEND
- ① SEPA 85
  - ② PALM BEACH BOLLARD
  - ③ FINISHED SURFACE

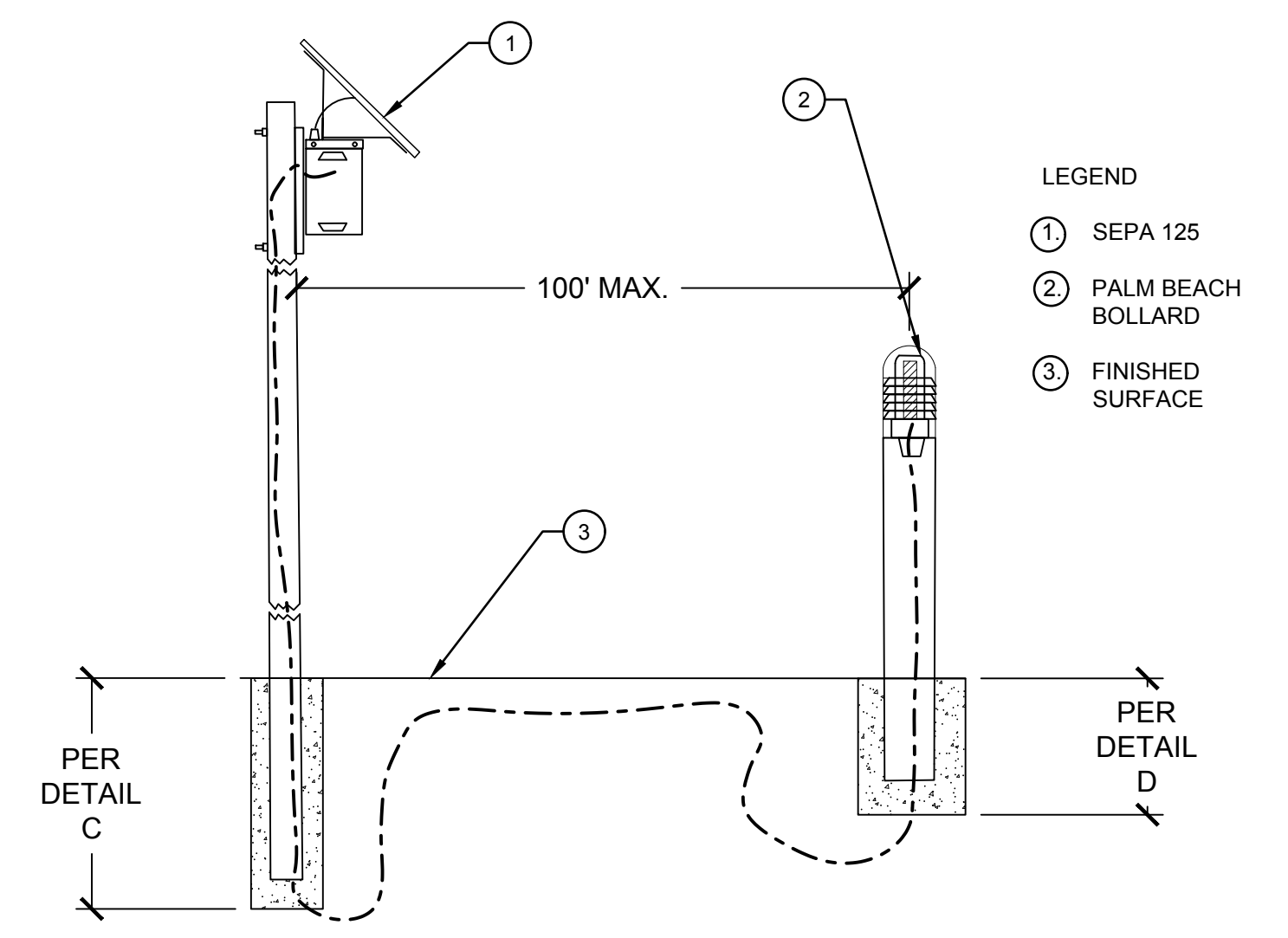
GENESIS FIXTURE W/ 30 WATT LED, TYPE V DISTRIBUTION DUSK ACTIVATED TIMER SET FOR 7 HOURS SIDE OF POLE TENON BRACKETALUMINUM POLE 20' ANCHOR BASE  
SEPCO-SEPA85-GN30V-DAT7-ST-APAB20 SOLAR ELECTRIC POWER ASSEMBLY 85 WATT  
82 AMP HOUR BATTERY ASSEMBLY

B SECURITY LIGHTING NOT TO SCALE



- LEGEND
- ① BOLLARD AS SPECIFIED
  - ② MOUNTING PER MANUFACTURER'S TEMPLATE AND SPECIFICATIONS
  - ③ CHAMFER ALL EDGES OF CONCRETE BASE 1/2"
  - ④ 1/2" LOW VOLTAGE DIRECT BURIAL CABLE OUTLET, NUMBER AND SIZE AS REQUIRED.
  - ⑤ #3 BARS VERT. AT 6" O.C. EACH FACE
  - ⑥ #3 BARS AT 12" O.C. HORIZ.
  - ⑦ FINISHED GRADE.
  - ⑧ SET TOP OF CONCRET FOUNDATION 2" ABOVE GRADE.
  - ⑨ PVC CONDUIT STUBBED UP ADJACENT, NUMBER AND SIZE AS REQUIRED.

D BOLLARD BASE DETAIL NOT TO SCALE



- LEGEND
- ① SEPA 125
  - ② PALM BEACH BOLLARD
  - ③ FINISHED SURFACE

BOLLARD FIXTURE AND 125 SERPA POWER ASSEMBLY  
INSTALL PER MANUFACTURES SPECIFICATIONS

A BOLLARD LIGHTING NOT TO SCALE

L NOT USED SCALE

I NOT USED SCALE

F NOT USED SCALE

K NOT USED SCALE

H NOT USED SCALE

E NOT USED SCALE

J NOT USED SCALE

G NOT USED SCALE

D BOLLARD BASE DETAIL NOT TO SCALE

A BOLLARD LIGHTING NOT TO SCALE