

CONEJO CREEK SOUTHWEST PARK

THOUSAND OAKS, CA

CONSTRUCTION DOCUMENTS

DP 2019-70291

PROJECT DIRECTORY

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CITY OF THOUSAND OAKS 2100 Thousand Oaks Blvd. Thousand Oaks, CA 91362 **Building Division**

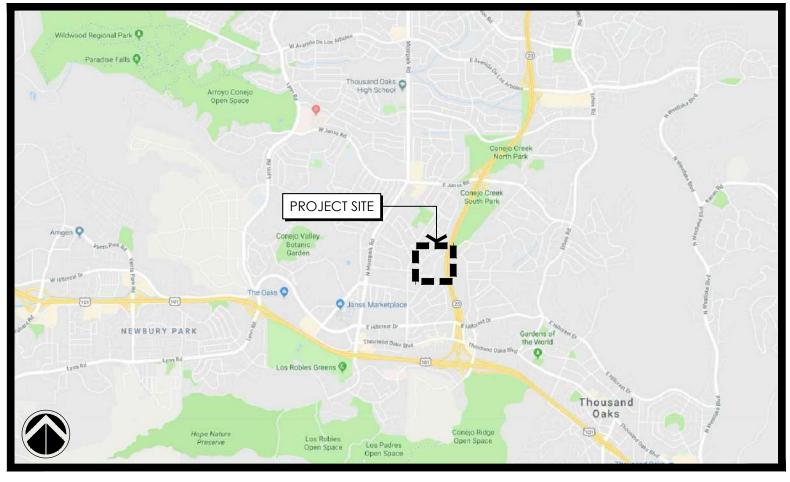
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Phone: 805.449.2500 Planning Division Phone: 805.449.3323 Phone: 805.449.2400 Public Works Utilities Division, Public Works Phone: 805.449.2400 Phone: 805.449.2100 Water and Wastewater

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STATE OF CALIFORNIA Phone: 805.654.4581 1655 Mesa Ave. #150 Ventura, CA 93003

Phone: (213) 897-3656 CALTRANS - DISTRICT 7 100 South Main Street Los Angeles, CA 90012



VICINITY MAP

Phone: 805.654.2083

Phone: 805.654.2813

TRIUNFO SANITATION DISTRICT Phone: 805.658.4690 1001 Partridge Dr.

VENTURA COUNTY AIR POLUTION CONTROL DISTRICT Phone: 805.654.1400

669 Country Square Dr. Ventura, CA 93003 VENTURA COUNTY FIRE PROTECTION DISTRICT Phone: 805.389.9710

165 Durley Ave. Camarillo, CA 93010

VENTURA COUNTY FLOOD CONTROL DISTRICT

800 S. Victoria Ave. Ventura, CA 93009

VENTURA COUNTY PUBLIC HEALTH DEPARTMENT

800 S. Victoria Ave. Ventura, CA 93009

Ventura, CA 93003



LOCATION MAP

PROJECT DESCRIPTION

- THE PROJECT GENERALLY CONSISTS OF SITE GRADING FOR NEW IMPROVEMENTS.
- NEW IMPROVEMENTS WILL GENERALLY INCLUDE POROUS ASPHALT PAVING, CONCRETE FLATWORK, LANDSCAPING, RAMPS, STAIRS, AND STORM DRAIN IMPROVEMENTS.
- ALL IMPROVEMENTS SHALL MEET THE 2020 CALIFORNIA BUILDING CODE & 2010 ADA ACCESSIBILITY REQUIREMENTS FOR THE PURPOSE OF PROVIDING BARRIER FREE ACCESSIBLE ROUTES WITHIN THE PARK.
- PAIGE LANE AND COMBES AVENUE SHALL REMAIN OPEN/ACCESSIBLE DURING CONSTRUCTION.
- BIKE AND EQUESTRIAN PATH AT FULL PERIMETER SHALL REMAIN OPEN/ACCESSIBLE DURING CONSTRUCTION.
- CONTRACTOR SHALL COMPLY WITH THE STORMWATER POLLUTION PREVENTION PLAN (SWPPP) FOR ALL BEST MANAGEMENT PRACTICES INCLUDING CONSTRUCTION FENCING.

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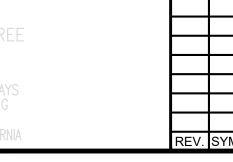
CITY OF THOUSAND OAKS PUBLIC WORKS DEPARTMENT

TITLE SHEET

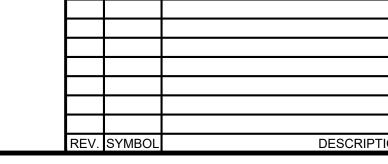
CONEJO CREEK SOUTHWEST PARK

CITY OF THOUSAND OAKS DWG. NO. 21-12 A

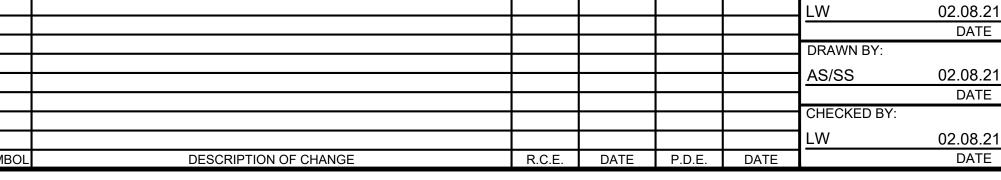








1 PUBLIC WORKS PLAN CHECK #1







PREPARED BY:

DATE DEVELOPMENT ENGINEER PLANNING DIVISION DATE TRAFFIC ENGINEER

REVIEWED FOR PERMIT ISSUANCE BY:

CITY OF THOUSAND OAKS

PAIGE LANE, THOUSAND OAKS, CA 91362

ABBREVIATIONS

CONT

CR

CTC

CTR

DAS

DET

DF

DI

DIA

DIM

DS

DIAG

DWG

ELECT

ELEV

ENCL

EQPT

ESMT

EWF

EXIST

FAB

FBO

FOS

FND

FST

FTG

FUT

GΑ

GB

GKT

GLV

GPH

GPM

GR

HDB

HEX

HOR

EX

EQ

CONTINUOUS, CONTINUE

CENTER POINT

CURB RETURN

CENTER

DETAIL

DRAIN INLET

DIAMETER

DIAGONAL

DRAWING

ELECTRICAL

ELEVATION

ENCLOSURE

EQUIPMENT

EASEMENT

EXISTING

EXISTING

EXISTING

FABRICATION

FINISH (ED)

FLOWLINE

FINISHED FLOOR

FINISHED GRADE

FACE OF CONCRETE

FACE OF MASONRY

FINISHED SURFACE

FINISHED SURFACE TURF

FACE OF FINISH

FACE OF STEP

FOUNDATION

GAGE, GAUGE

GRADE BREAK

GALVANIZED

HANDICAPPED

HANDICAPPED

HEADBOARD

HEXAGONAI

HORIZONTAL

HIGH POINT

INSIDE DIAMETER

INTERSECTION

HEIGHT

INVERT

JOINT

LENGTH

LAG BOLT

GALLONS PER HOUR

GALLONS PER MINUTE

FOOTING

FUTURE

GASKET

GRATE

HOSE BIB

FURNISHED BY OTHERS

FINISHED FLOOR ELEVATION

EQUAL

EACH

DIMENSION

DOWN SPOUT

EXPANSION JOINT

ENGINEERED WOOD FIBER

CENTER TO CENTER

DIRECTION AS SHOWN

DRINKING FOUNTAIN

AB	AGGREGATE BASE OR ANCHOR BOLT	LH	LEFT HAND
ABV	ABOVE	LOC	LOCATION
AC	ASPHALTIC CONCRETE	LP	LOW POINT
ACP	ASPHALTIC CONCRETE PAVING	LS	LAG SCREW
ADJ	ADJACENT	LT	LEFT
AGG	AGGREGATE	MAS	MASONRY
ALT	ALTERNATE	MATL	MATERIAL
AP		MAX	MAXIMUM
APPROX		MED	
ARCH	ARCHITECT (URAL)	MFG	
BEL	BELOW	MFR	
BLDG	BUILDING	MIN	MINIMUM
BLK	BLOCK	MISC	MISCELLANEOUS
BOT	BOTTOM	ML	MAINLINE
BOW		(N)	NEW
BR	BOTTOM OF RAMP	NIC	NOT IN CONTRACT
BRG	BEARING	NO	NUMBER
СВ	CATCH BASIN	NOM	NOMINAL
CF	CUBIC FOOT	NTS	NOT TO SCALE
CI	CAST IRON	OC	ON CENTER
CIP	CAST IN PLACE	OCEW	ON CENTER EACH WAY
C/L	CENTERLINE	OD	OUTSIDE DIAMETER
CL	CENTERLINE	O.F.C.I.	OWNER FURNISHED, CONTRACT
CLR	CLEAR	INSTALLED	
CMU	CONCRETE MASONRY UNIT	ОН	OVERHEAD
CO	CLEAN OUT	OPP	OPPOSITE
COL	COLUMN	OPT	OPTIONAL
CONC	CONCRETE	PA	PLANTER AREA
CONST	CONSTRUCTION	PC	POINT OF CURVE
00 L IT		DEDE	

PERF

PERP

PFE

PL

POB

POC

PRC

PROP

PSI

PT

PTDF

PUE

PVC

R, RAD

RDWD

REBAR

REF

REM

REV

ROW

SCH

SHT

SIM

SPEC

SQ

STD

STL

STRUC

SURF

SWCL

SYS

SYN

TYP

UON

VAR

V.I.F.

VERT

W/O

RH

REQ'D

PTL

PERFORATE (D)

PERPENDICULAR

PROPERTY LINE

PROPOSED

Radius

REDWOOD

REFERENCE

REMOVE

RIGHT

SLOPE

SHEET

SIMILAR

SLOPE

SQUARE

STREET

STEEL

STATION

STANDARD

SURFACE

SYSTEM

SYNTHETIC

TOP OF CURB

SCHEDULE

REQUIRED

RIGHT HAND

RIGHT OF WAY

STORM DRAIN

SPECIFICATION(S)

SANITARY SEWER

STRUCTURE/ STRUCTURAL

SIDEWALK CENTERLINE

TOP BACK OF CURB

TOP OF FOOTING

UNLESS OTHERWISE NOTED

TANGENT POINT

TOP OF RAMP

TOP OF STEP

TOP OF WALL

VERIFY IN FIELD

TYPICAL

VARIES

VERTICAL

WATER

WITHOUT

CENTERLINE

SQUARE FEET

DIAMETER

WITH

ΑT

STAINLESS STEEL

SQUARE FEET

POINT OF BEGINNING

POINT OF CONNECTION

POINT OF REVERSE CURVE

POUNDS PER SQUARE INCH

PRESSURE TREATED LUMBER

PUBLIC UTLITIES EASEMENT

POLYVINYL CHLORIDE

REINFORCING BAR

REVISION(S), REVISED

POINT, POINT OF TANGENCY

PRESSURE TREATED DOUGLAS FIR

PUBLIC FACILITIES EASEMENT

GENERAL CONSTRUCTION AND GRADING NOTES

- PRIOR TO BEGINNING CONSTRUCTION, THE CONTRACTOR SHALL VERIFY ALL JOIN CONDITIONS FOR GRADING, DRAINAGE, AND UNDERGROUND FACILITIES, INCLUDING LOCATION AND ELEVATION OF EXISTING FACILITIES AT CROSSINGS WITH PROPOSED UNDERGROUND FACILITIES. IF CONDITIONS DIFFER FROM THOSE SHOWN ON THE PLANS, THE CONTRACTOR SHALL NOTIFY THE DISTRICT AND SHALL NOT BEGIN CONSTRUCTION UNTIL THE CHANGED CONDITIONS HAVE BEEN EVALUATED.
- THE CONTRACTOR SHALL BECOME FAMILIAR WITH THE PLANS AND SITE CONDITIONS PRIOR TO BEGINNING WORK. SHOULD CONFLICTING INFORMATION BE FOUND ON THE PLANS, THE CONTRACTOR SHALL NOTIFY THE DISTRICT BEFORE PROCEEDING WITH THE WORK IN QUESTION.
- 3. FOR LOCATIONS OF EXISTING CONDITIONS, PROPERTY LINES, EASEMENTS, UTILITIES, ETC., REFER TO THE BOUNDARY AND TOPOGRAPHIC SURVEY. THE CONTRACTOR SHALL BE RESPONSIBLE FOR IDENTIFYING IN THE FIELD ALL PROPERTY LINES, EASEMENTS AND RESTRICTIONS IDENTIFIED ON THE PLANS.
- 4. THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE ACCURATE LAYOUT OF THE PROJECT, FOR ESTABLISHING ALL REFERENCE POINTS, ELEVATIONS AND LINES SET FOR CONSTRUCTION, FOR CERTIFICATION OF FINISH GRADES AS SHOWN ON THE DRAWINGS. AND TO MATCH EXISTING SURFACES WHERE APPLICABLE. IF NEEDED, THE CONTRACTOR SHALL EMPLOY A REGISTERED CIVIL ENGINEER OR LICENSED LAND SURVEYOR IN ORDER TO ACCURATELY DETERMINE ALL HORIZONTAL AND VERTICAL DIMENSIONS.
- VERIFY AND CLEARLY MARK THE LOCATION OF ALL UNDERGROUND UTILITIES AND SERVICES PRIOR TO ANY EXCAVATION. THE CONTRACTOR ASSUMES FULL RESPONSIBILITY FOR ALL DAMAGE CAUSED BY FAILURE TO DO SO.
- 6. ONLY "APPROVED" STAMPED AND SIGNED DRAWINGS SHALL BE USED FOR THE CONSTRUCTION OF THIS PROJECT.
- 7. NO CHANGES OR MODIFICATIONS TO THE PLANS SHALL BE MADE WITHOUT THE PRIOR WRITTEN APPROVAL OF THE DISTRICT. THE DISTRICT IS TO REVIEW AND APPROVE ALL LAYOUTS IN THE FIELD PRIOR TO THE START OF CONSTRUCTION.
- THE CONTRACTOR MUST CONSULT WITH AN ARBORIST PRIOR TO PRUNING OR WORKING WITHIN THE DRIPLINE OF ANY TREE. ALL PRUNING OF TREES SHALL BE KEPT TO A MINIMUM AND MUST FOLLOW RECOMMENDATIONS OF A CERTIFIED ARBORIST.
- 9. DUST CONTROL AND EROSION & SILTATION PREVENTION SHALL BE IMPLEMENTED THROUGHOUT CONSTRUCTION AS REQUIRED BY THE GOVERNING AGENCIES, LOCAL CODES AND ORDINANCES.
- 10. CONTRACTOR SHALL KEEP THE SITE WATERED SUFFICIENTLY TO ELIMINATE DUST NUISANCE. SPECIMEN AND EXISTING TREES TO REMAIN SHALL BE WASHED DOWN WEEKLY TO HELP MAINTAIN THEIR HEALTH DURING CONSTRUCTION.
- 11. REPORT ANY CONDITIONS WHICH PREVENT PROPER EXECUTION OF THIS WORK TO THE DISTRICT.
- 12. THE CONTRACTOR SHALL BE RESPONSIBLE FOR PROTECTING FROM DAMAGE ALL STRUCTURES, UNDERGROUND UTILITIES AND ANY EXISTING PLANT MATERIAL IDENTIFIED TO REMAIN ON THE SITE.
- 13. NO TREES, OTHER THAN THOSE INDICATED ON THE DRAWINGS,
- 14. NO MATERIALS OR EQUIPMENT SHALL BE STORED WITHIN THE DRIPLINE OF ANY TREE.
- 15. ALL NUMERIC AND WRITTEN DIMENSIONS SHALL HAVE PRECEDENCE OVER ALL SCALE DIMENSIONS.
- 16. DETAILS AND NOTES ON THE DRAWINGS TAKE PRECEDENCE OVER 36. COMPLY WITH STORMWATER POLLUTION PREVENTION PLAN TYPICAL DETAILS AND GENERAL NOTES.
- 17. WRITTEN SPECIFICATIONS TAKE PRECEDENCE OVER DRAWINGS.
- 18. ALL WORK SHALL CONFORM TO ALL CITY, COUNTY AND OTHER GOVERNING AGENCIES' REGULATIONS FOR CONSTRUCTION, GRADING AND DRAINAGE. CONTRACTOR SHALL OBTAIN ALL NECESSARY PERMITS, INSPECTIONS AND APPROVALS REQUIRED FOR THIS WORK.
- 19. FOR LOCATIONS OF EXISTING CONDITIONS, PROPERTY LINES, EASEMENTS, UTILITIES, ETC., REFER TO THE BOUNDARY AND TOPOGRAPHIC SURVEY. THE CONTRACTOR SHALL BE RESPONSIBLE FOR IDENTIFYING IN THE FIELD ALL PROPERTY LINES, EASEMENTS AND RESTRICTIONS IDENTIFIED ON THE PLANS.

- 20. CONTRACTOR SHALL TAKE ALL CARE TO PREVENT DISRUPTION OF PROJECT SITE IN AREAS OUTSIDE CONSTRUCTION ZONE.
- 21. THE CONTRACTOR SHALL NOTIFY THE DISTRICT AT LEAST 48 HOURS BEFORE COMMENCING WORK.
- 22. PROPOSED DEVIATIONS FROM THE PLANS MUST BE SUBMITTED TO THE DISTRICT FOR REVIEW AND APPROVAL, INCLUDING FIELD REVISIONS REQUESTED BY THE CITY INSPECTOR.
- 23. THE CONTRACTOR SHALL EMPLOY ALL LABOR, EQUIPMENT, AND METHODS REQUIRED TO PREVENT HIS OPERATIONS FROM PRODUCING DUST IN AMOUNTS DAMAGING TO PROPERTY. CULTIVATED OR NATIVE VEGETATION, AND DOMESTIC AND NON-DOMESTIC ANIMALS OR CAUSING A NUISANCE TO PERSONS OCCUPYING BUILDINGS IN THE VICINITY OF THE JOB SITE. THE CONTRACTOR SHALL BE RESPONSIBLE FOR ANY DAMAGE CAUSED BY DUST RESULTING FROM HIS OPERATIONS.
- 24. CONSTRUCTION LINE AND GRADE STAKES SHALL BE SET BY A CIVIL ENGINEER OR SURVEYOR LICENSED IN THE STATE OF CALIFORNIA.
- 25. CONTRACTOR IS RESPONSIBLE FOR THE PROTECTION OR PROPER RESETTING OF ALL EXISTING MONUMENTS AND OTHER SURVEY MARKERS. ANY SURVEY MONUMENTS DESTROYED BY THE CONTRACTOR SHALL BE REPLACED IN ACCORDANCE WITH THE STATE LAND SURVEYORS ACT AT THE CONTRACTOR'S EXPENSE.
- 26. ALL PROTECTIVE DEVICES TO BE INSTALLED BY THE CONTRACTOR, SHALL BE IN PLACE AT THE END OF EACH WORK DAY.
- 27. CONTRACTOR SHALL REFER TO MATERIALS SPECIFICATIONS THROUGHOUT THE APPROVED PLAN SET. ANY SUBSTITUTIONS OF THE MATERIALS SPECIFIED IN THESE DRAWINGS SHALL REQUIRE WRITTEN APPROVAL FROM THE DISTRICT.
- 28. DURING THE COURSE OF WORK, THE CONTRACTOR SHALL BE RESPONSIBLE FOR CALLING THE DISTRICT FOR TESTING AND INSPECTION 24 HOURS IN ADVANCE. WORK NOT PROPERLY TESTED AND INSPECTED WILL BE SUBJECT TO REJECTION.
- 29. WORK IN AND ALONG PUBLIC STREETS AND PARKING LOTS, ONCE BEGUN, SHALL PROCEED TO COMPLETION WITHOUT DELAY SO AS TO PROVIDE MINIMUM INCONVENIENCE TO THE PUBLIC.
- 30. CONTRACTOR SHALL BE RESPONSIBLE FOR THE VERIFICATION OF LOCATION OF ALL EXISTING UTILITIES IN THE FIELD PRIOR TO CONSTRUCTION. ALL UTILITIES SHALL BE PROTECTED AND REPAIRED BY THE CONTRACTOR IF DAMAGED.
- 31. CONTRACTOR SHALL BE RESPONSIBLE FOR NOTIFICATION OF ALL UTILITY COMPANIES 48 HOURS PRIOR TO THE BEGINNING OF WORK. BRING ANY CONFLICTS WITH NEW IMPROVEMENTS IMMEDIATELY TO THE ATTENTION OF THE DISTRICT.
- 32. NOTIFY UNDERGROUND SERVICE ALERT (USA) TOLL FREE AT 811 A MINIMUM OF FORTY-EIGHT WORKING HOURS PRIOR TO THE START OF CONSTRUCTION.
- 33. CONTRACTOR SHALL ASSUME SOLE AND COMPLETE RESPONSIBILITY FOR LOCATING OR HAVING LOCATED ALL UNDERGROUND UTILITIES AND RELATED FACILITIES AND FOR PROTECTING SAME DURING THE COURSE OF CONSTRUCTION. ALL UTILITIES THAT ARE NOT A MEMBER OF USA MUST ALSO BE NOTIFIED.
- SHALL BE REMOVED WITHOUT PRIOR APPROVAL OF THE DISTRICT. 34. ENTRANCE POINT(S) TO THE SITE DURING CONSTRUCTION SHALL BE SPECIFIED BY THE DISTRICT.
 - 35. IF DE-WATERING IS REQUIRED, A DISCHARGE PERMIT MAY BE REQUIRED FROM THE REGIONAL WATER QUALITY CONTROL BOARD. NECESSARY DE-WATERING MEASURES SHALL BE AT THE SOLE EXPENSE OF THE CONTRACTOR.
 - (SWPPP).
 - 37. CONTRACTOR SHALL PROVIDE A LEGIBLE AND COMPLETE SET OF PLANS IDENTIFYING ALL MODIFICATIONS MADE DURING CONSTRUCTION TO THE DISTRICT FOR THE PREPARATION OF RECORD DRAWINGS.
 - 38. THE CONTRACTOR SHALL BE RESPONSIBLE FOR PROTECTING FROM DAMAGE ALL STRUCTURES, UNDERGROUND UTILITIES AND ANY EXISTING PLANT MATERIAL IDENTIFIED TO REMAIN ON THE SITE.
 - 39. NO BRANCHES, LIMBS OR ROOTS OF ANY PLANT MATERIAL ARE TO BE CUT OR PRUNED WITHOUT AUTHORIZATION AND DIRECTION FROM THE ARBORIST OR HORTICULTURALIST.

Sheet number at left (LC103) is LANDSCAPE CONSTRUCTION PLAN, THIRD SHEET.

- 40. ALL PLANTING AREAS SHALL BE GRADED AT A MINIMUM OF 2% AWAY FROM STRUCTURES AND TOWARD APPROPRIATE DRAINAGE A) INLETS, UNLESS OTHERWISE NOTED ON PLANS. FINISH GRADES SHALL BE ONE (1) INCH BELOW ADJACENT PAVING IN LAWN AREAS, AND TWO (2) INCHES BELOW ADJACENT PAVING IN SHRUB/GROUND COVER AREAS.
- 41. NEW PAVING AREAS SHALL BE SET FLUSH TO EXISTING ADJACENT PAVING SURFACES. PAVING CROSS SLOPE SHALL BE MINIMUM OF
- 42. PAVING AREA DRAINAGE SHALL BE DIRECTED AWAY FROM BUILDINGS AND STRUCTURES AT A MINIMUM OF 2 % FOR 5 FEET OR AS INDICATED ON THE DRAWINGS. ALL SURFACE FLOW SHALL BE DIRECTED TOWARD AND FLOW FREELY INTO DRAINAGE INLETS.
- 43. REPAIR AND REPLACE ANY EXISTING IMPROVEMENTS DAMAGED DURING CONSTRUCTION TO PRE-CONSTRUCTION CONDITION TO DISTRICT'S SATISFACTION. THIS INCLUDES ANY CONCRETE PAVING AND LANDSCAPING AREAS ADJACENT TO WORK AND THROUGHOUT THE PROPERTY.
- 44. ALL GRADING AND RELATED CONSTRUCTION SHALL CONFORM TO THE REQUIREMENTS AND ADOPTED ORDINANCES OF THE COUNTY OFVENTURA INCLUDING LATEST U.B.C., U.P.C., U.M.C., THE 1996 ED. N.E.C., AND L.U.O., C.Z.L.U.O., TITLE 19, TITLE 24, AND STANDARDS PERTAINING THERETO.
- 45. ALL CONTACT SURFACES BETWEEN ORIGINAL GROUND AND RECOMPACTED FILL MATERIAL SHALL BE EITHER HORIZONTAL OR VERTICAL. (PER SECTION 19 CALTRANS STANDARD SPECIFICATIONS DATED MAY 2006). ALL ORGANIC NON-COMPLYING FILL OR UNSTABLE SOIL MATERIAL SHALL BE REMOVED AND THE REMAINING SURFACED SCARIFIED TO A DEPTH OF AT LEAST 12 INCHES UNLESS DEEPER EXCAVATION IS REQUIRED BY THE ENGINEER. AREAS OF FILL SHALL BE BENCHED (PER THE RECOMMENDATIONS OF THE PROJECT SOILS REPORT) AND RECOMPACTED PRIOR TO REPLACING FILL AND OBSERVED BY A SOIL OR CIVIL ENGINEER.
- 46. FILL MATERIAL SHALL BE SPREAD IN LIFTS OF APPROXIMATELY 6 INCHES MOISTENED OR DRIED TO NEAR OPTIMUM MOISTURE CONTENT AND RECOMPACTED TO A MINIMUM OF 95 PERCENT RELATIVE COMPACTION WITHIN 30 INCHES OF TRAVELED WAY AND 90 PERCENT RELATIVE COMPACTION ELSEWHERE. THE MATERIALS FOR ENGINEERED FILL SHALL BE APPROVED BY THE SOILS ENGINEER. ANY IMPORTED MATERIALS MUST BE APPROVED BEFORE BEING BROUGHT TO SITE. THE MATERIALS USED SHALL BE FREE OF ORGANIC MATTER AND OTHER DELETERIOUS MATERIALS.
- 47. FIELD DENSITY TESTS SHALL BE MADE UNDER THE DIRECTION OF THE SOILS ENGINEER ON EACH COMPACTED LAYER. AT LEAST ONE (1) TEST SHALL BE MADE FOR EACH FIVE HUNDRED (500) CUBIC YARDS OR A FRACTION THEREOF PLACED WITH A MINIMUM OF TWO (2) TESTS PER LAYER IN ISOLATED AREAS OR AS DIRECTED BY THE COUNTY'S CONSTRUCTION INSPECTOR.
- 48. ALL FILL TO BE COMPACTED TO A MINIMUM OF 90 PERCENT MAXIMUM DENSITY AS DETERMINED BY A.S.T.M. D-1557-78 (MODIFIED TO FIVE (5) LAYERS) AND SO CERTIFIED BY TESTS AND REPORTS FROM THE PROJECT SOILS ENGINEER IN CHARGE OF THE GRADING CERTIFICATION.
- 49. ALL ABANDONED UNDERGROUND TANKS, PIPES, CONCRETE, AND OTHER SUCH UNSUITABLE MATERIAL SHALL BE BROUGHT INTO CONFORMANCE WITH LOCAL ABANDONING STANDARDS OR REMOVED FROM THE PROJECT AND TRANSPORTED TO A SUITABLE DISPOSAL SITE.
- 50. DURING GRADING AND UNTIL LANDSCAPED IT SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR TO PROVIDE DUST CONTROL, BY MAINTAINING APPROPRIATE MOISTURE CONTENT, TO THE SATISFACTION OF THE ENGINEER OF WORK.
- 51. EXCESS MATERIAL IS TO BE DISPOSED OF OFFSITE IN AN ACCEPTABLE LOCATION.
- 52. ADEQUATE VEGETATIVE COVER SHALL BE ESTABLISHED THROUGHOUT ALL GEOTEXTILE CHANNEL AND SWALE LININGS. TOPSOIL WITH SOIL AMENDMENTS, FERTILIZER AND SEED IS REQUIRED BENEATH ALL BLANKET LINERS. SEED SHALL BE WATERED REGULARLY UNTIL THERE IS 80% SUCCESSFUL COVERAGE OVER THE AREA PLANTED. ADDITIONAL SEEDING, WATERING AND AMENDING, AS NEEDED, SHALL BE COMPLETED IMMEDIATELY IF, AT ANY POINT DURING THE RAINY SEASON, THE INITIAL PLANTING FAILS, OR IS REMOVED OR DISTURBED. IN ADDITION, GEOTEXTILE INSTALLATION SHALL CONFORM TO THE FOLLOWING **REQUIREMENTS:**

RCE NUMBER

- GEOTEXTILE BLANKETS SHALL BE INSTALLED IN FIRM AND CONTINUOUS CONTACT WITH THE SOIL
- BLANKETS SHALL BE LONGITUDINALLY LAPPED OR ANCHOR TRENCHED, AND INSTALLED ACCORDING TO THE MANUFACTURER'S DETAILED INSTALLATION REQUIREMENTS
- BLANKETS SHALL BE INSPECTED, MAINTAINED AND REPAIRED UNTIL THEY HAVE BECOME VEGETATED AND STABLE.
- 54. CONTRACTOR MAY REMOVE AND REPLACE THE TEMPORARY ORANGE OAK TREE PROTECTION FENCING AS NECESSARY TO ALLOW FOR CONSTRUCTION ACTIVITIES. REFER TO TREE REPORT
- 55. PRIOR TO CONSTRUCTION AND GRADING, SOCAL GAS MUST BE FURNISHED WITH FINAL GRADING PLANS SHOWING THE DEPTH OF THE PIPELINE(S) BELOW THE EXISTING SURFACE AND THE DEPTH OF THE PIPELINE(S) BELOW THE PROPOSED FINISHED GRADE. THESE ELEVATIONS MUST MEET SOCALGAS' REQUIREMENTS FOR BURIED

TREE PRESERVATION

ALL OAK TREES AND LANDMARK TREES SHALL BE PROTECTED ON

- THESE TREES SHALL BE FENCED AT THEIR PROTECTED ZONES WITH A 5 FOOT CHAIN LINK FENCE PRIOR TO ANY ON SITE CONSTRUCTION. FENCING SHALL BE INSTALLED TO PREVENT EQUIPMENT STORAGE, TRASH PILES, ETC., FROM OCCURRING WITHIN THESE PROTECTED ZONES DURING CONSTRUCTION. THERE SHALL BE NO CONSTRUCTION RELATED ACTIVITIES WITHIN THE PROTECTED ZONES OF THE PROTECTED TREES. THIS FENCE SHALL REMAIN DURING CONSTRUCTION ACTIVITIES THAT OCCUR WITHIN THE VICINITY OF THE AFFECTED TREES AND SHALL NOT BE MOVED OR REMOVED WITHOUT THE APPROVAL OF THE CITY OF THOUSAND OAKS PLANNING AND COMMUNITY DEVELOPMENT DEPARTMENT (PLANNING DEPARTMENT)
- 2. A SIGN SHALL BE POSTED THAT WILL READ: WARNING THIS FENCE SHALL NOT BE REMOVED OR RELOCATED WITHOUT WRITTEN AUTHORIZATION FROM THE DEPARTMENT OF PLANNING AND COMMUNITY DEVELOPMENT.
- 3. ALL WORK WITHIN THE PROTECTED ZONE MUST BE OBSERVED AND DIRECTED BY APPLICANTS OAK TREE CONSULTANT.

OAK TREES PROTECTED ACCORDING TO THE CITY OF THOUSAND OAKS PRESERVATION AND PROTECTION GUIDELINES, TITLE 5, CHAPTER 14, RESOLUTION 2010-14, LANDMARK TREES PROTECTED ACCORDING TO THE CITY OF THOUSAND OAKS OAK AND LANDMARK TREE ORDINANCE (NO. 1610-NS). IMPROVEMENTS WILL BE CONSTRUCTED OUTSIDE ANY OAK AND LANDMARK TREE(S) PROTECTED ZONES AND A MINIMUM 15 FOOT SETBACK WILL BE MAINTAINED FROM THE TRUNK FACE AND VERIFIED BY CERTIFIED ARBORIST PRIOR TO WORK. PROTECTED TREE REPORT

PROJECT TO COMPLY WITH:

- 2020 CALIFORNIA BUILDING CODE
- 2020 CALIFORNIA GREEN BUILDING STANDARDS
- 2020 CALIFORNIA ENERGY CODE
- 4. 2020 CALIFORNIA PLUMBING CODE
- 5. 2020 CALIFORNIA ELECTRICAL CODE 2020 CALIFORNIA MECHANICAL CODE
- 7. CITY OF THOUSAND OAKS MUNICIPAL ORDINANCES

SPECIAL INSPECTIONS AND TESTS (2020 CBC)

- WHERE SPECIAL INSPECTIONS OR TESTS ARE REQUIRED BY SECTION 1705, THE REGISTEREED DESIGN PROFESSIONAL IN RESPONSIBLE CHARGE SHALL PREPARE A STATEMENT OF SPECIAL INSPECTIONS IN ACCORDANCE WITH SECTION 1704.3.1 FOR SUBMITTAL BY THE APPLICANT IN
- **ACCORDANCE WITH SECTION 1704.2.3** 2. SPECIAL INSPECTIONS AND NONDESTRUCTIVE TESTING OF STRUCTURAL STEEL ELEMENTS IN BUILDINGS, STRUCTURES AND PORTIONS THEREOF SHALL BE IN ACCORDANCE WITH THE QUALITY ASSURANCE INSPECTION REQUIREMENTS OF AISC 360.2016 CBC SECTION 1705.2.1.

KEY TO SHEET NUMBERING

DRAWING SHEET NUMBERING AND ORGANIZATION IS ADAPTED FROM THE UNITED STATES NATIONAL CAD STANDARD. DISCIPLINE DESIGNATORS - LEVEL 1 (Partial List) DISCIPLINE DESIGNATORS - LEVEL 2 (Partial List)

General Resource (Existing Conditions) Hazardous Materials Survey/Mapping Geotechnical Civil Landscape Structural

Contractor/Shop Drawings

Architectural

Electrical

Know what's **below.**

Call before you dig.

Demolition Site Grading **Erosion Control** Utilities Construction Irrigation Planting

Lighting

included.

Stormwater

- General: Symbol legend, abbreviations, general notes Plans Elevations Sections Large Scale Drawings: plans, elevations,
 - sections (not details) Details Schedules and Diagrams User Defined
 - User Defined 3D Drawings: isometric, perspective, photos

Horizontal Control Dash is substituted when Level 2 is not

ESIGNED BY PUBLIC WORKS PLAN CHECK #1 6/1/21 02.08.21 DATE DRAWN BY: AS/SS 02.08.21 DATE CHECKED B 02.08.21 REV. SYMBOL **DESCRIPTION OF CHANGE** R.C.E. DATE P.D.E. DATE DATE





REGISTERED ENGINEER

REVIEWED FOR PERMIT ISSUANCE BY: CITY OF THOUSAND OAKS

DATE DEVELOPMENT ENGINEER DATE PLANNING DIVISION TRAFFIC ENGINEER

GENERAL NOTES AND ABBREVIATIONS

CONEJO CREEK SOUTHWEST PARK PAIGE LANE, THOUSAND OAKS, CA 91362

CITY OF THOUSAND OAKS

PUBLIC WORKS DEPARTMENT

CITY OF THOUSAND OAKS DWG. NO. 21-12 A

SHEET G002



MICHAEL HAMILTON
REGISTERED ENGINEER

02.08.21

DATE

ENGINEER'S SEAL

R.C.E. DATE P.D.E. DATE

REV. SYMBOL

DESCRIPTION OF CHANGE

EARTH QUANTITIES:

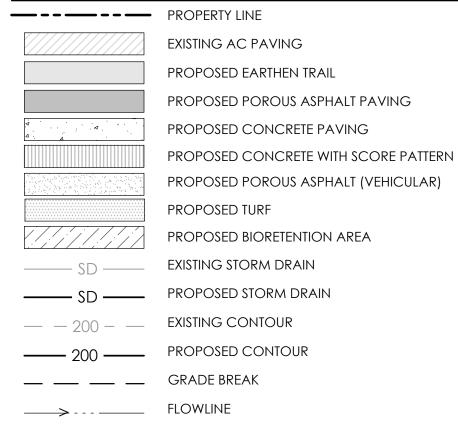
AREA OF DISTURBANCE 9.9 AC±

RAW CUT: 4,340 CY RAW FILL: 4,340 CY IMPORT/EXPORT: 0 CY

QUANTITY ESTIMATES ON THESE PLANS ARE TO BE USED FOR PERMIT PURPOSES ONLY. IT IS THE RESPONSIBILITY OF THE CONTRACTOR TO VERIFY ACTUAL QUANTITIES FOR THE PURPOSE OF CONSTRUCTION.

THE RAW EARTHWORK QUANTITIES SHOWN HEREON REPRESENT THE ESTIMATED VOLUMETRIC DIFFERENCE BETWEEN THE PROPOSED ROUGH GRADE AND THE LIMITED TOPOGRAPHIC EXISTING GRADES. THESE ESTIMATES DO NOT MAKE CONSIDERATIONS FOR LOSSES OR BULKING DUE TO: SHRINKAGE, SOIL AMENDMENTS, STABILIZATION, CONSTRUCTION TECHNIQUE, FOOTING & TRENCHING SPOILS, ETC. THESE, IN ADDITION TO ACTUAL FIELD CONDITIONS, CONSTRUCTION TECHNIQUE AND THE FINAL RECOMMENDATIONS OF THE SOILS ENGINEER MAY SIGNIFICANTLY EFFECT THE FINAL IMPORT/EXPORT QUANTITIES.

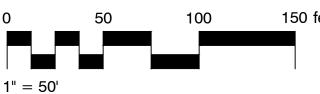
LEGEND



SEE SHEET CG301 FOR SITE SECTIONS

CG101 CG103 CG102





TRAFFIC ENGINEER

CITY OF THOUSAND OAKS PUBLIC WORKS DEPARTMENT

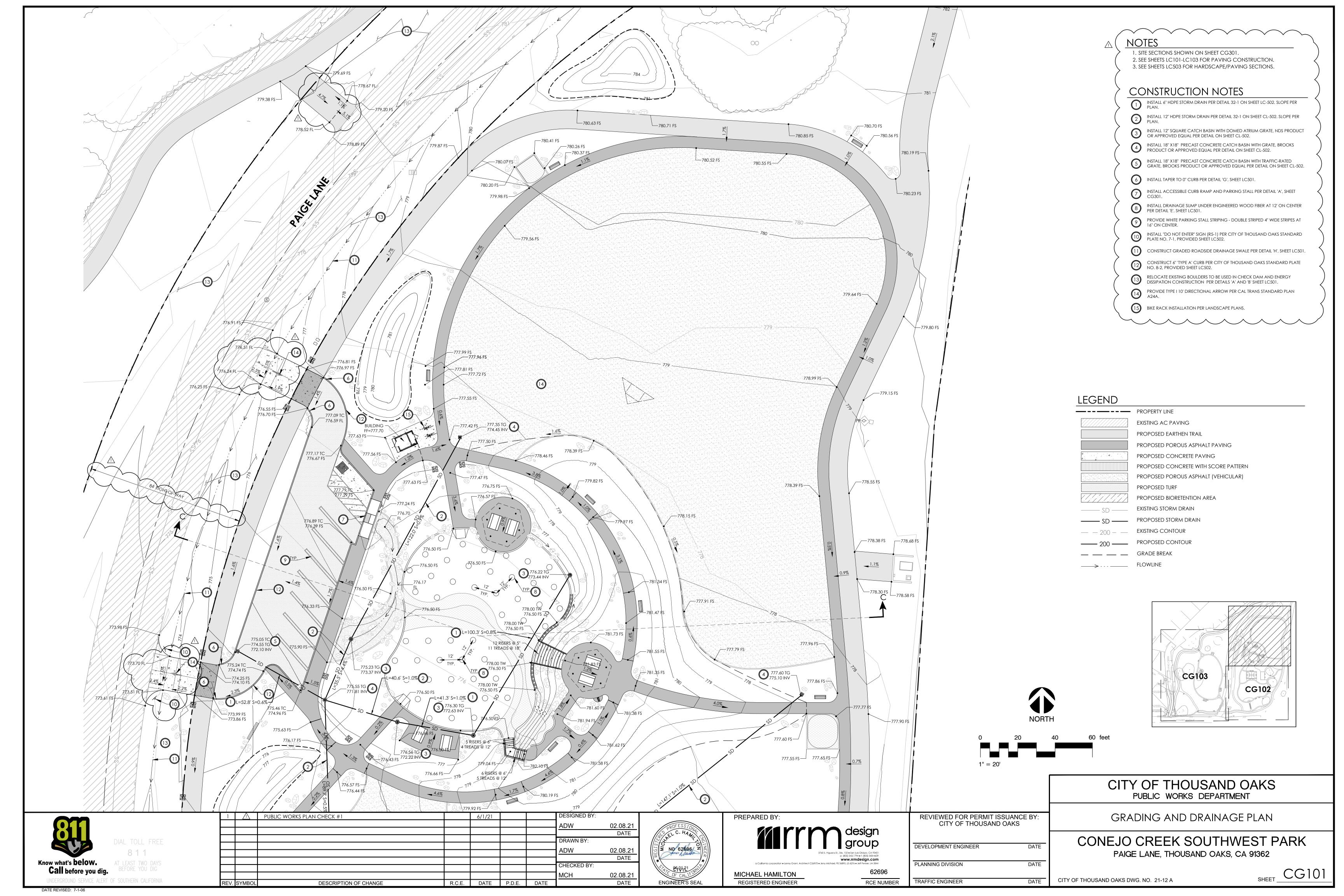
GRADING OVERVIEW

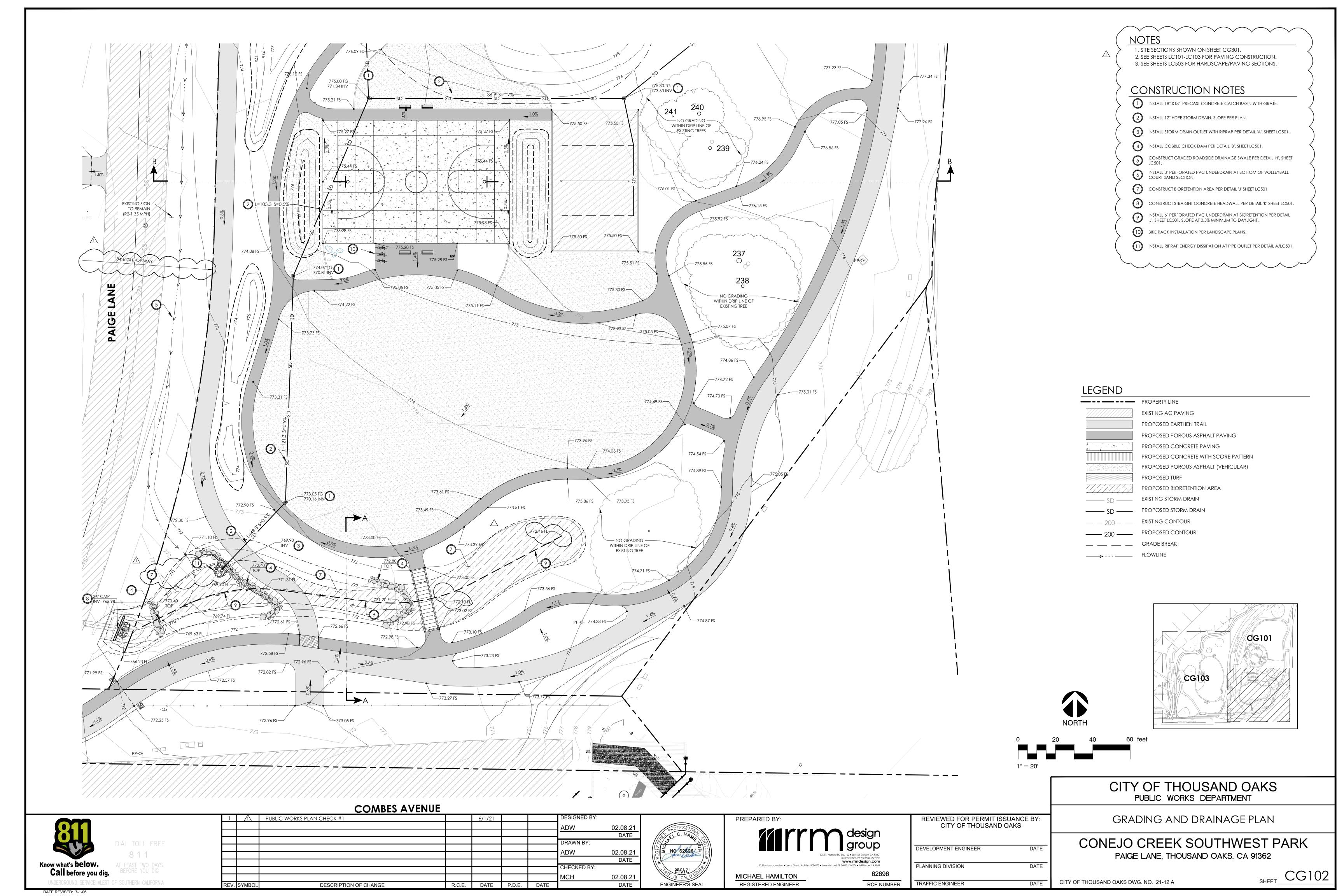
CONEJO CREEK SOUTHWEST PARK

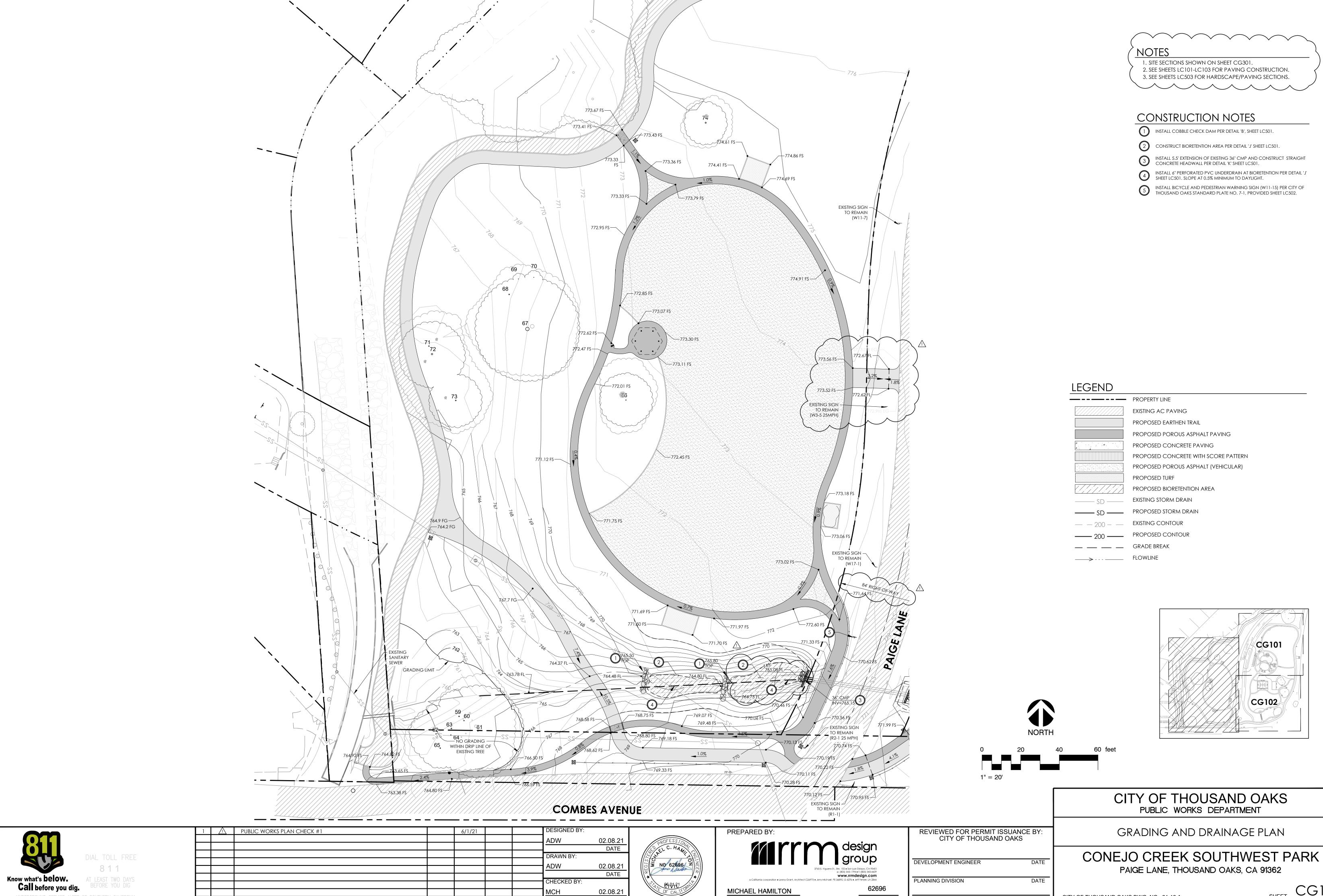
PAIGE LANE, THOUSAND OAKS, CA 91362

CITY OF THOUSAND OAKS DWG. NO. 21-12 A

SHEET CG100







DATE

R.C.E. DATE P.D.E. DATE

ENGINEER'S SEAL

REV. SYMBOL

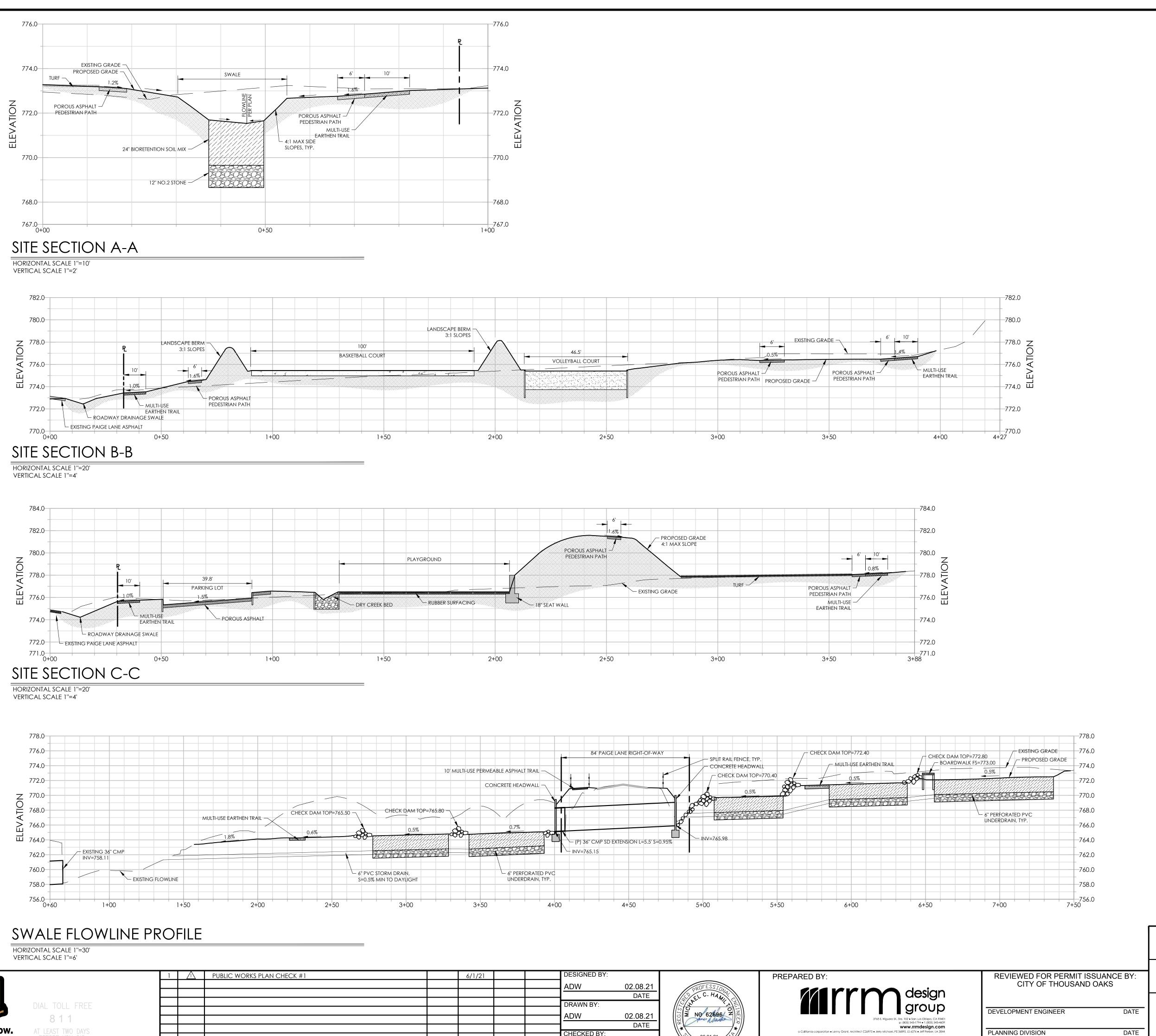
DESCRIPTION OF CHANGE

REGISTERED ENGINEER

RCE NUMBER

TRAFFIC ENGINEER

CG103



CHECKED BY

R.C.E. DATE P.D.E. DATE

02.08.21

DATE

ENGINEER'S SEAL

CITY OF THOUSAND OAKS PUBLIC WORKS DEPARTMENT

SITE SECTIONS AND GRADING DETAILS

CONEJO CREEK SOUTHWEST PARK PAIGE LANE, THOUSAND OAKS, CA 91362

CITY OF THOUSAND OAKS DWG. NO. 21-12 A

62696

RCE NUMBER

TRAFFIC ENGINEER

MICHAEL HAMILTON

REGISTERED ENGINEER

777.16 FS

777.27 TC

ACCESSIBLE PARKING CONSTRUCTION NOTES

3 PROVIDE 12" HIGH WHITE LETTERS "NO PARKING".

1) INSTALL DETECTABLE WARNING SURFACE PER DETAIL 'C', SHEET LC501.

5 INSTALL VAN ACCESSIBLE PARKING SIGN PER DETAIL 'D', SHEET LC501.

ACCESSIBLE PARKING CONSTRUCTION DETAIL

SCALE: 1"=10"

PROVIDE 36"X36" INTERNATIONAL SYMBOL OF ACCESSIBILITY, WHITE MARKING ON BLUE BACKGROUND CENTERED AT END OF PARKING STALL.

PROVIDE 4" WIDE BLUE STRIPE BORDER WITH 4" WIDE WHITE DIAGONAL STRIPES AT 36" ON CENTER.

777.44 FS 777.34 FS

SHEET CG301

DATE REVISED: 7-1-06

REV. SYMBOL

DESCRIPTION OF CHANGE

	CURVE		<u> </u>
SEGMENT	LENGTH	RADIUS	DELTA
C1	15.93	10.00	91°16'42
C2	14.39	10.00	82°28'27
C3	14.16	10.00	81°08'08
C4	16.23	10.00	93°00'00
C5	16.31	10.00	93°28'11
C6	40.30	28.00	82°28'27
C7	5.24	5.00	60°00'00
C8	9.81	5.00	112°26'44
C9	35.96	28.00	73°34'53
C10	15.82	10.00	90°36'55
C11	8.49	5.00	97°13'41
C12	27.15	40.00	38°53'43
C13	7.86	5.00	90°02'28
C14	30.04	34.00	50°37'30
C15	17.79	10.00	101°55'54
C16	6.03	5.00	
C16			69°06'05
	9.78	5.00	112°02'19
C18	6.91	5.00	79°11'08
C19	10.34	13.00	45°33'54
C20	18.38	34.25	30°45'29
C21	8.56	10.50	46°43'09
C22	18.91	24.00	45°08'39
C23	25.67	17.50	84°01'55
C24	9.06	15.00	34°35'53
C25	15.51	10.25	86°42'54
C26	5.46	10.25	30°32'00
C27	23.82	43.00	31°44'01
C28	20.19	67.00	1 <i>7</i> °16'00
C29	26.55	19.25	79°02'05
C30	29.76	59.00	28°53'50
C31	38.17	15.00	145°47'11
C32	10.25	53.50	10°58'33
C33	53.65	32.00	96°03'49
C34	31.12	36.00	49°31'30
C35	8.41	15.00	32°08'01
C36			
	17.46	20.00	50°02'00
C37	51.20	54.00	54°19'35
C38	3.67	54.00	3°53'40
C39	7.43	5.00	85°08'20
C40	7.93	5.00	90°53'31
C41	21.36	40.00	30°35'44
C42	2.03	5.00	23°15'20
C43	6.35	5.00	72°48'25
C44	33.57	34.00	56°33'54
C45	17.51	10.00	100°19'23
C46	9.35	5.00	107°11'11
C47	7.27	5.00	83°16'13
C48	3.08	2.00	88°07'1 <i>6</i>
C49	33.22	69.68	27°18'49
C50	3.18	19.25	9°28'47
C51	6.51	20.00	18°39'04
C52	1.34	31.50	2°26'05
C53	3.34	31.50	6°04'25
C54	6.51	20.00	18°39'04
C55	2.65	19.25	7°52'25
C56	5.06	2.00	144°54'02
C57	51.27	15.00	195°50'40
C58	2.58	2.00	74°01'14
C59	8.09	5.00	92°42'59
C60	2.75	2.00	78°44'17
C61	2.73	2.00	83°53'58
			191°09'52
C62	8.34	2.50	
C63	0.53	15.00	2°01'17
C64	8.20	15.00	31°19'40
C65	5.06	2.00	144°54'02
C66	8.54	5.00	97°53'50
C67	7.55	5.00	86°34'03
C68	5.25	5.00	60°08'23
C72	20.00	94.00	12°11'31
C73	113.33	87.00	74°38'18
C74	73.57	97.00	43°27'14
C75	113.33	87.00	74°38'18
C76	62.35	190.00	18°48'08
C77	6.25	5.00	71°34'06
C78	234.44	130.00	103°19'31
C79	115.73	60.00	110°31'03
C80	54.13	100.00	31°00'54
C81	58.19	570.00	5°50'57
C83	33.85	112.00	17°19'08
C00	55.65		
C84	138.37	553.00	14°20'12

	CURVE	DATA	
SEGMENT	LENGTH	RADIUS	DELTA
C85	66.61	75.00	50°53'17'
C86	83.03	171.47	27°44'35'
C87	60.11 94.46	35.00 130.00	98°23'38'
C88 C89	50.26	35.00	41°38'03' 82°16'30'
C90	46.33	167.50	15°50'58'
C91	31.26	36.07	49°39'05'
C92	28.99	38.50	43°08'55'
C93	39.87	25.00	91°22'22'
C94 C95	22.15 115.89	15.00	84°36'01' 51°04'31'
C96	10.86	24.00	25°56'07'
C97	47.33	100.00	27°07'13'
C98	1.28	100.00	0°43'52'
C99	179.56	70.00	146°58'07'
C100	48.16	70.00	39°24'57'
C101	105.31	55.00	109°42'05'
C102 C103	47.06 40.72	30.00 50.00	89°52'15' 46°39'27'
C104	47.70	35.05	77°58'35'
C105	76.92	85.06	51°48'30'
C106	17.06	50.00	19°32'56'
C108	76.48	83.00	52°47'43'
C109	35.15	82.00	24°33'48'
C110	63.37	100.00	36°18'23'
C111	104.87 39.01	60.00 50.00	100°08'50' 44°41'50'
C112	85.59	112.00	43°47'09'
C114	214.02	350.00	35°02'07'
C115	103.82	138.00	43°06'17
C116	99.51	80.00	71°16′16
C117	36.95	35.00	60°29'24
C118	141.21	167.00	48°26'50
C119 C120	39.36 45.50	200.00	11°16'30 26°04'18
C120	27.01	20.00	77°22'32
C122	16.24	20.00	46°31'24
C123	4.91	20.00	14°04'41
C124	13.77	7.50	105°13'15
C125	61.42	97.50	36°05'34
C126	79.91 27.85	77.50 92.40	59°04'40 17°16'08
C127	20.38	15.00	77°51'27
C129	29.65	12.50	135°53'23
C130	11.06	15.00	42°15'23
C131	58.32	706.00	4°43'59
C132	53.94	50.00	61°48'52
C133	42.72 50.47	97.00	25°13'56
C134	54.19	55.50 23.50	52°06'19 132°07'20
C136	279.01	125.00	127°53'17
C137	87.72	200.00	25°07'50
C138	180.87	75.00	138°10'34
C139	219.19	197.00	63°45'03
C140	50.91	100.00	29°10'08
C141 C142	61.82 59.42	53.00	66°49'56 64°14'01
C142	148.32	93.96	90°26'31
C144	73.73	50.00	84°29'04
C145	19.89	93.96	12°07'33
C146	83.21	15.00	317°49'33
C147	5.20	5.00	59°38'39
C148	7.70	5.00	88°13'16
C149 C150	6.88 13.54	18.30 22.30	21°32'20 34°48'07
C150	4.94	2.61	108°32'28
	3.12	2.00	89°20'47
C152	8.49	5.00	97°16'29
C152 C153] 0.17	156.00	38°51'53
	105.82	100.00	
C153		4.00	164°21'43
C153 C154 C155 C156	105.82 11.47 81.91	4.00	32°08'35
C153 C154 C155 C156 C157	105.82 11.47 81.91 10.59	4.00 146.00 4.00	32°08'35
C153 C154 C155 C156 C157 C161	105.82 11.47 81.91 10.59 7.83	4.00 146.00 4.00 5.00	32°08'35 151°42'55 89°44'13
C153 C154 C155 C156 C157	105.82 11.47 81.91 10.59	4.00 146.00 4.00	164°21'43 32°08'35 151°42'55 89°44'13 74°04'00 28°26'24

	INE DAT	
SEGMENT	LENGTH	DIRECTION
L1	22.68	S63° 40' 19
L2	127.36	\$18° 48' 08
L3	21.87	N80° 03' 44
L4		S63° 40' 19 S18° 48' 08
L5	4.62	\$41° 11' 52
L7	24.93	
L8 L9	30.32	S18° 48' 08
L10	84.06	\$18° 48' 08
L11	16.84	N41° 11' 52
L12	22.73	N80° 03' 4
L13	22.73	S41° 11' 52
L14	28.64	\$9° 36' 09"
L15	2.61	N87° 31' 14
L16	21.75	N9° 36' 09'
L17	1.94	\$17° 48' 26
L18	35.16	N41° 11' 52
L19	28.04	N42° 21' 14
L20	20.60	N42° 21' 14
L21	1.99	\$55° 20' 32
L22	8.70	S31° 48' 45
L23	15.00	N4° 29' 26'
L24	9.59	N49° 03' 2
L25	12.16	N34° 50' 28
L26	0.46	N49° 03' 27
L27	13.78	S44° 22' 26
L28	2.68	N75° 23' 5'
L29	28.06	S64° 49' 57
L30	32.03	N77° 33' 48
L31	12.95	S71° 11' 52
L32	45.37	N90° 00' 00
L33	14.47	N24° 00' 5
L34	25.36	N65° 59' 09
L35	13.84	S9° 36' 09''
L36	48.52	N86° 16' 3
L37	49.52	N25° 39' 1
L38	93.84	N5° 21' 44'
L39	6.16	N2° 59' 42'
L40	164.34	N14° 19' 2
L41	64.74	N86° 16' 3'
L42	3.22	N0° 00' 00'
L44	38.75	S42° 21' 14
L45	116.05	N90° 00' 00
L46	26.77	S17° 40' 05
L47	16.40	N50° 41' 5
L48	10.94	S89° 53' 04
L49	33.57	N19° 35' 0°
L50	23.07	N70° 17' 0
L51	7.90	N25° 18' 3
L52	19.17	S70° 24' 49
L57	18.13	S55° 17' 46
L58	37.24	N81° 35' 57
L59	30.01	N67° 04' 30
L60	57.22	N12° 59' 4
L61	36.73	N0° 00' 00'
L62	95.61	\$89° 03' 55
L63	2.80	\$11° 01' 21
L64	104.83	N86° 13' 2
L65	40.95	S89° 44' 44
L66	9.52	N34° 53' 23
L67	49.67	\$81° 35' 57
L68	42.49	N59° 32' 10
L69	10.78	\$59° 32' 10
L70	35.80	\$50° 12' 02
L71	30.19	\$50° 12' 02
L72	10.14	N64° 03' 5
L73	28.05	S89° 01' 00

	POINT	TABLE	
POINT #	DESCRIPTION	NORTHING	EASTING
1	EP	251985.0635	1738978.689
2	EP	252019.5348	1738996.575
3	EP	251856.2179	1738935.737
4	EP	251818.3174	1738928.21
5	CL INT	251955.0505	1739089.264
6	CL	251968.6971	1739086.956
7	CL	252120.1088	1739223.574
8	CL	252116.9589	1739271.988
9	CL	252032.4519	1739322.803
10	CL	251987.8169	1739301.366
11	CL	251935.1800	1739291.947
12	CL	251841.7517	1739300.716
13	CL INT	251817.1072	1739302.514
14	CL INT	251733.0200	1739299.172
15	CL	251583.2012	1739238.294
16	CL INT	251552.6638	1739223.588
17	CL	251523.7143	1739219.745
18	CL	251463.6306	1739150.043
19	CL	251455.0535	1739112.999
20	CL INT	251435.5307	1739064.262
21	CL	251435.5666	1739031.78
22	CL INT	251440.8677	1738995.885
23	CL	251441.0078	1738994.937
24	CL	251417.9389	1738896.207
25	CL	251407.6193	1738881.306
26	CL/EP	251394.3128	1738849.057
27	CL	251948.1516	1739120.546
28	CL	251867.6323	1739188.696
29	CL INT	251831.4196	1739183.647
30	CL	251799.6490	1739165.550
31	CL	251777.4436	1739062.425
32	CL INT	251789.3767	1739037.029
33	CENTER	251915.2130	1739119.977
34	CENTER	251837.1910	1739166.281
35	PCC	251634.9847	1739024.135
38	EP	251949.6796	1739126.711
39	EP	251781.2093	1739047.535
40	EP	251766.7130	1739089.685
41	EP	251789.8049	1739095.953
42	EP	251841.2260	1739025.555
43	EP	251865.4243	1739033.813
44	EP	251911.2231	1739049.387
45	EP	251922.7577	1739053.315
46	EP	251890.3940	1739066.895
47	EP	251865.1952	1739067.083
48	EP	251962.0720	1739056.661
49	CL	251827.2462	1739195.905
50	CL	251817.1072	1739257.142
51	EP		1739172.246
		251725.6338	
52	EP	251649.6338	1739125.746
53	EP	251720.1614	1739103.24
54	EP	251654.1615	1739003.749
55	CL	251715.2336	1739258.816
56	CL	251708.0897	1739255.438
57	CL	251681.9213	1739225.715
58	CL	251674.1390	1739203.998
59	CL	251635.8409	1739185.854
60	CL INT	251625.6621	1739189.47
61	CL	251604.2163	1739197.106
62	CL INT	251564.3552	1739195.944
63	CL	251530.7793	1739145.178
64	CL	251530.7773	1739134.241
65	CL		
		251514.9700	1739089.763
66	CL	251504.5800	1739077.069
67	CL INT	251491.2819	1739051.394
68	CL	251579.9937	1738966.034
69	CL	251605.5005	1738974.159
70	CL INT	251631.3343	1738979.408
71	CL	251653.4446	1738978.494
70	CL	251760.7385	1739010.921
73	CL	251631.8158	1739007.456
73 74	<u> </u>		
74	\sim 1	251640.3135	1739031.246
74 75	CL	1 051/5/5	1739031.246
74 75 76	CL	251654.1613	
74 75		251654.1613 251634.8336	1739008.136
74 75 76	CL		
74 75 76 77	CL CL	251634.8336	1739075.246
74 75 76 77 78	CL CL	251634.8336 251654.1613	1739075.24d
74 75 76 77 78 79	CL CL CL	251634.8336 251654.1613 251640.2241	1739075.24 <i>6</i> 1739075.24 <i>6</i> 1739096.418
74 75 76 77 78 79 80	CL CL CL	251634.8336 251654.1613 251640.2241 251631.6362	1739008.13 <i>6</i> 1739075.24 <i>6</i> 1739075.24 <i>6</i> 1739096.418 1739171.419 1738995.885

	POINT	TABLE	
POINT #	DESCRIPTION	NORTHING	EASTING
84	CL	251558.4073	1738938.9435
85	EP	251844.5046	1739297.3284
86	EP	251726.1453	1739020.3307
87	EP	251390.2806	1738801.8348
88	CL	251393.4588	1738798.1030
89	CL	251399.9337	1738783.6937
90	CL	251401.4933	1738688.0948
91	CL	251417.4384	1738668.8359
92	CL INT	251422.1763	1738667.7348
93	CL	251458.4145	1738649.9668
94	CL	251491.6928	1738629.0721
95	CL	251578.4729	1738523.0100
96	CL	251392.0271	1738473.7154
97	CL	251389.2761	1738473.1796
98	CL	251380.3623	1738481.0903
99	CL	251387.2685	1738585.6973
100	CL	251408.6112	1738642.2098
101	CL	251420.8251	1738717.6446
102	CL	251416.4980	1738745.0478
103	CL	251416.3161	1738785.9952
104	CL INT	251404.4063	1738800.6069
105	CL	251395.4260	1738808.0717
106	CL	251418.5961	1738808.2185
107	CL	251425.9462	1738816.1503
108	CL	251479.3396	1738839.5716
109	EP	251504.6209	1738840.9717
110	EP	251521.7286	1738810.3729
111	EP	251544.7725	1738824.6386
112	CL	251511.1346	1738783.4562
113	CL	251690.4357	1738648.2068
114	CL	251774.7414	1738669.7759
115	CL INT	251812.0845	1738681.0960
116	CL INT	251846.4556	1738732.8472
117	CL INT	251870.4411	1738679.5947
118	CL	251876.2762	1738675.5257
119	CL	251820.6519	1738802.1605
120	CL	251614.6987	1738831.7028
121	CL	251564.9751	1738823.7134
122	EP	251576.4748	1738839.4422
123	EP	251686.3293	1738851.1904
124	EP	251680.3732	1738886.8559
125	EP	251705.2108	1738887.6271
126	EP	251701.3364	1738851.1971
127	EP	251859.5265	1738787.3098
129	EP	251749.9854	1738670.4939
130	EP	251736.1880	1738684.7622
131	EP	251710.4206	1738700.0743
132	CENTER	251722.9835	1738691.8785
134	EP	251588.2594	1738646.5039
135	EP	251493.4857	1738727.1068
137	EP	252122.9211	1739028.7278
138	EP	252141.5640	1739043.8050
139	EP	252152.8624	1739000.5660
140	EP	252161.0105	1739014.2199
	i l		

Call before you dig.

DIAL TOLL FREE
8 1 1

AT LEAST TWO DAYS
BEFORE YOU DIG

1	1	PUBLIC WORKS PLAN CHECK #1		6/1/21			DESIGNED BY:	
							ADW	02.08.21
								DATE
							DRAWN BY:	
							ADW	02.08.21
	\vdash						-	DATE
							CHECKED BY:	
							мсн	02.08.21
REV.	SYMBOL	DESCRIPTION OF CHANGE	R.C.E.	DATE	P.D.E.	DATE		DATE





REVIEWED FOR PERMIT ISSUANCE BY: CITY OF THOUSAND OAKS

DEVELOPMENT ENGINEER DATE

PLANNING DIVISION DATE

TRAFFIC ENGINEER DATE

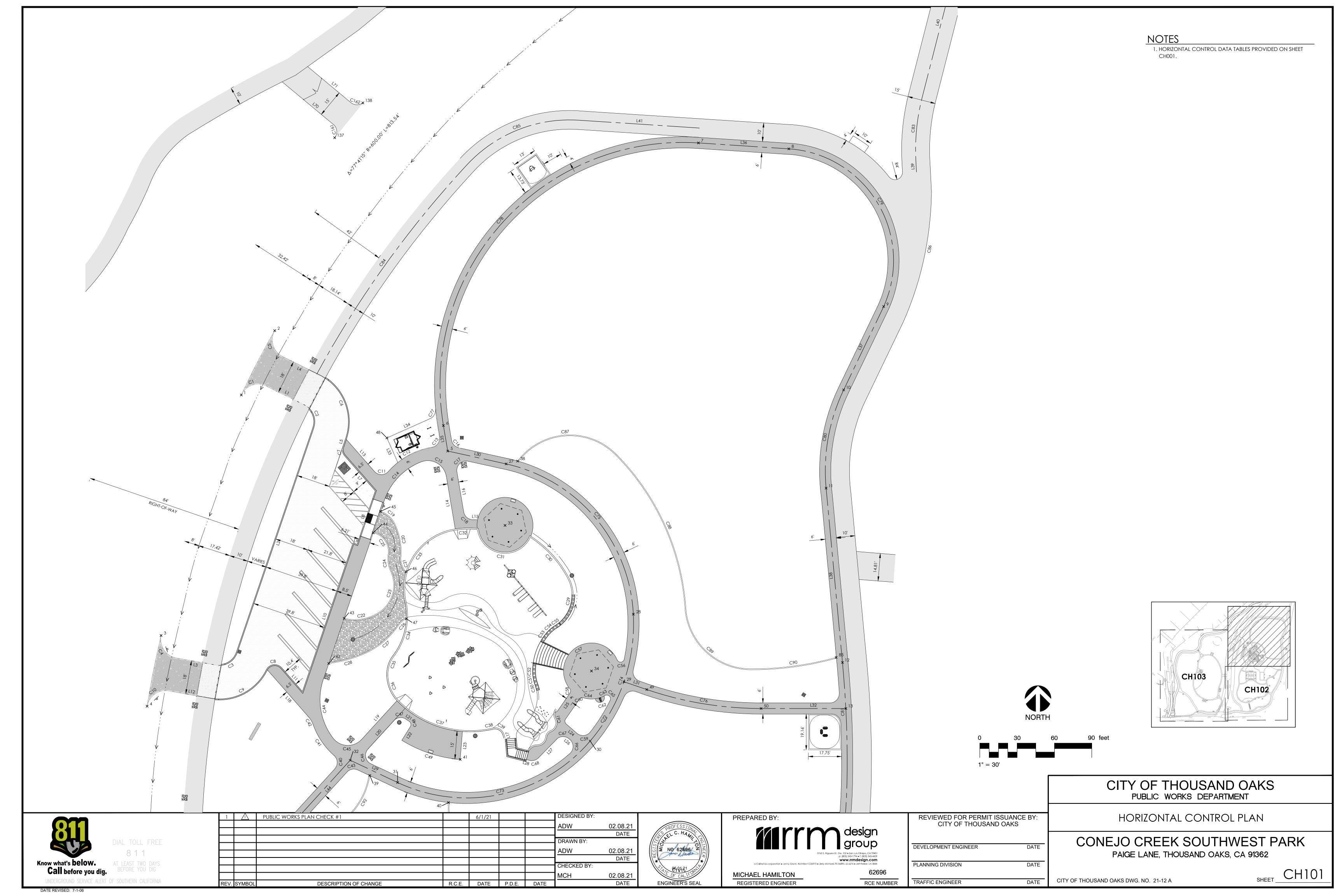
CITY OF THOUSAND OAKS
PUBLIC WORKS DEPARTMENT

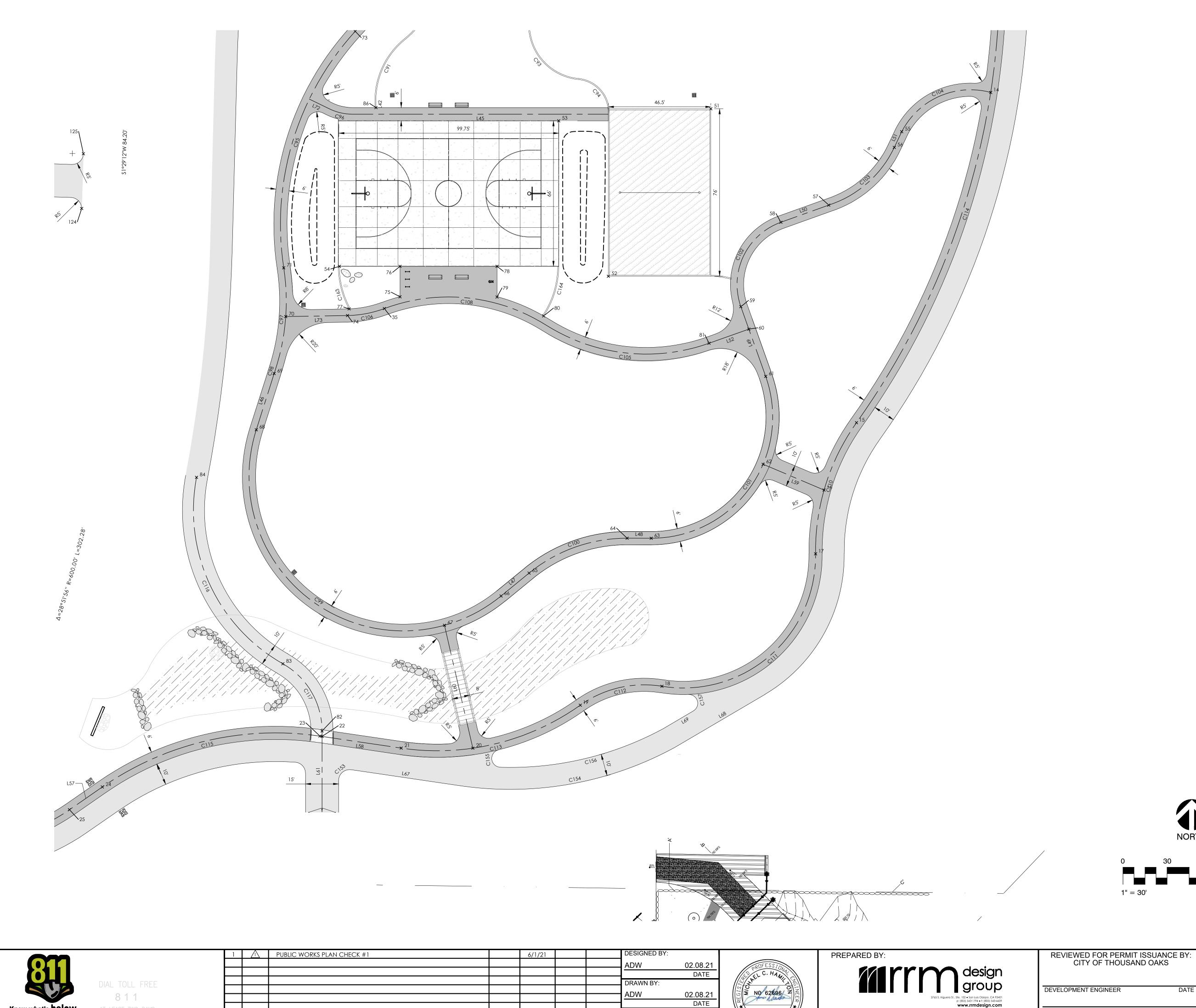
HORIZONTAL CONTROL DATA TABLES

CONEJO CREEK SOUTHWEST PARK
PAIGE LANE, THOUSAND OAKS, CA 91362

CITY OF THOUSAND OAKS DWG. NO. 21-12 A

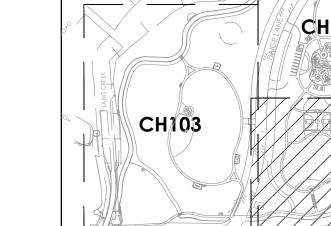
SHEET CHOO1



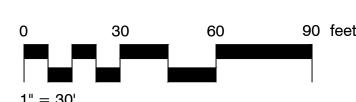


NOTES

HORIZONTAL CONTROL DATA TABLES PROVIDED ON SHEET CH001.







CITY OF THOUSAND OAKS PUBLIC WORKS DEPARTMENT

HORIZONTAL CONTROL PLAN

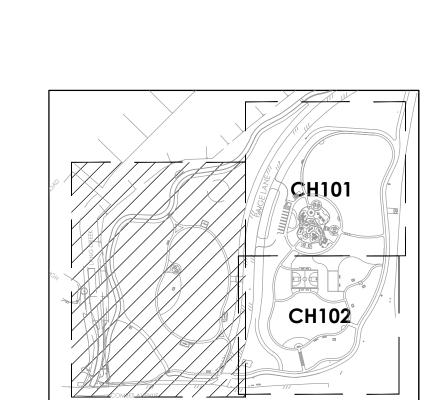
CONEJO CREEK SOUTHWEST PARK PAIGE LANE, THOUSAND OAKS, CA 91362

02.08.21 DATE REV. SYMBOL R.C.E. DATE P.D.E. DATE DESCRIPTION OF CHANGE



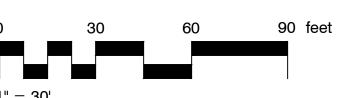


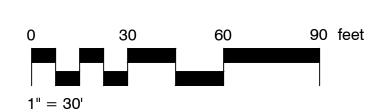
DATE PLANNING DIVISION TRAFFIC ENGINEER



1. HORIZONTAL CONTROL DATA TABLES PROVIDED ON SHEET CH001.









		PUBLIC WORKS PLAN CHECK #1		6/1/21			DESIGNED BY:	
							ADW	02.08.21
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							ADW	02.08.21
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							CHECKED BY:	
							MCH	02.08.21
٧.	SYMBOL	DESCRIPTION OF CHANGE	R.C.E.	DATE	P.D.E.	DATE		DATE





	REVIEWED FOR PERMIT ISSUANCE BY: CITY OF THOUSAND OAKS	
	DEVELOPMENT ENGINEER DATE	
	PLANNING DIVISION DATE	
•	TRAFFIC ENGINEER DATE	

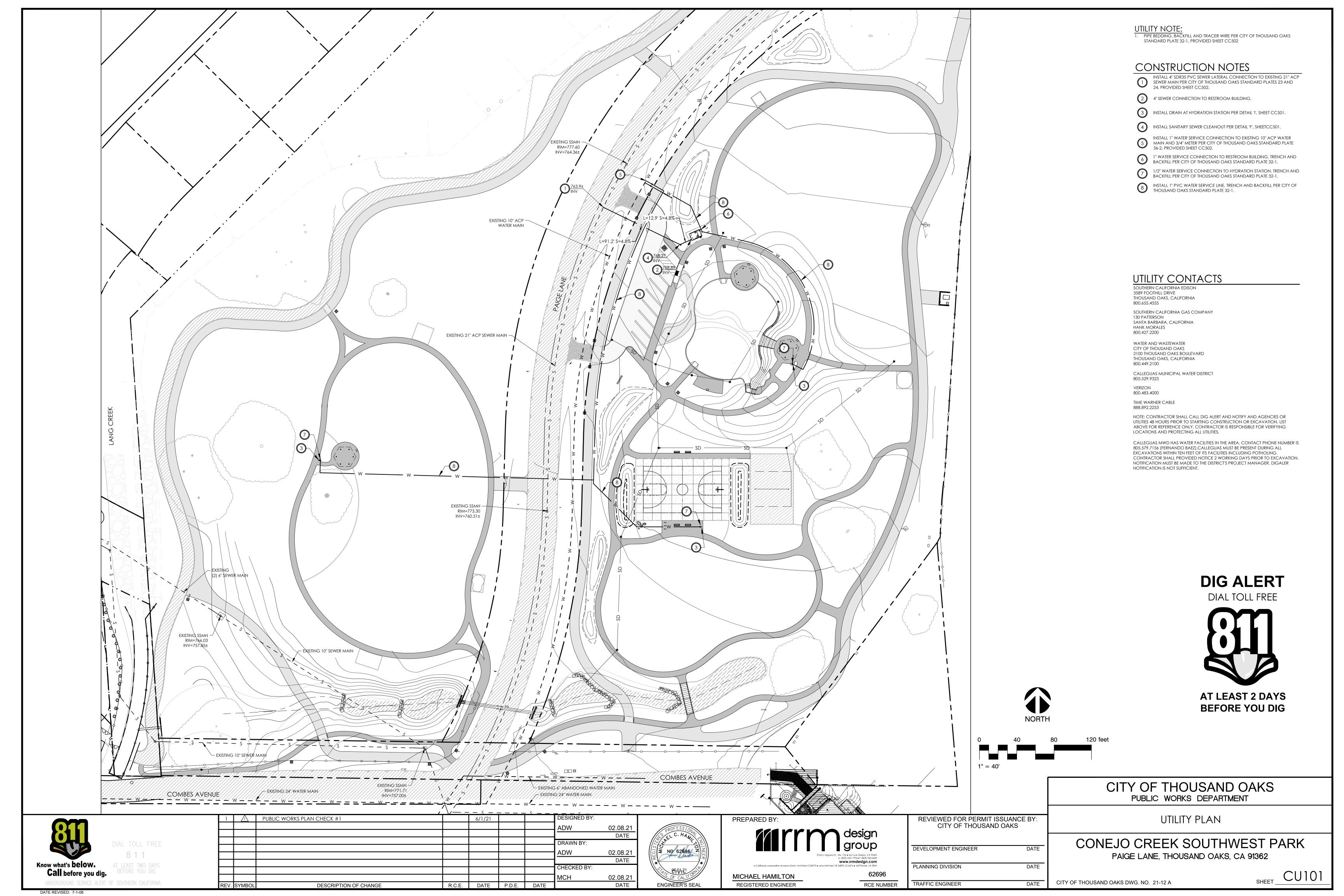
CITY OF	THOL	JSAND OAI	KS
PUBLIC	WORKS	DEPARTMENT	

HORIZONTAL CONTROL PLAN

CONEJO CREEK SOUTHWEST PARK PAIGE LANE, THOUSAND OAKS, CA 91362

CITY OF THOUSAND OAKS DWG. NO. 21-12 A

SHEET CH103



REFERENCE NOTES SCHEDULE

13-02 SHADE STRUCTURE - SEE SPECIFICATIONS

	LINCE NOTES SCHEDULE
SYMBOL	11 EQUIPMENT DESCRIPTION
11-01	PLAYGROUND STRUCTURES - SEE SPECIFICATIONS. QUOTE NO. 1127936-01-07
11-02	FITNESS EQUIPMENT - AB CRUNCH/LEG LIFT DB. SEE SPECS. QUOTE NO. 1127936-01-07
11-03	FITNESS EQUIPMENT - ASSISTED ROW/PUSH-UP DB. SEE SPECS. QUOTE NO. 1127936-01-07
11-05	FITNESS EQUIPMENT - PLYOMETRICS DB. SEE SPECS. QUOTE NO. 1127936-01-07
11-06	FITNESS EQUIPMENT - PULL-UP/DIP DB. SEE SPECS. QUOTE NO. 1127936-01-07
SYMBOL	12 SITE FURNISHINGS DESCRIPTION
12-01	TABLE - SEE SPECIFICATIONS
12-02	BENCH - SEE SPECIFICATIONS
12-03	GRILL - SEE SPECIFICATIONS
12-04	HYDRATION STATION - SEE SPECIFICATIONS
12-05	BIKE RACK - SEE SPECIFICATIONS
12-06	CRPD MONUMENT SIGN - BY OWNER.
12-07	VOLLEYBALL POST 4.5" POST BY L.A. STEELCRAFT Y POST MODEL AGP 4C
SYMBOL	13 SPECIAL CONSTRUCTION DESCRIPTION
13-01	PRE-FABRICATED RESTROOM - SEE DETAIL E, SHEET LC507, AND SPECIFICATIONS

SYMBOL	DESCRIPTION	<u>DETAIL</u>
X	DETAIL CALLOUT, WHERE 'X' IS THE DETAIL # AND 'Y' IS THE PAGE #	
X Y	SECTION CALLOUT, WHERE 'X' IS THE SECTION # AND 'Y' IS THE PAGE #	
	REFERENCE NOTE CALLOUT - SEE SCHEDULE THIS SHEET	
	POROUS ASPHALT CONCRETE PAVEMENT - VEHICULAR	E LC503
	POROUS ASPHALT CONCRETE PAVEMENT - PEDESTRIAN	D LC503
	STANDARD CONCRETE PAVING - VEHICULAR — TURN-DOWN EDGE, SEE PLANS FOR	B LC503 LOCATION
	STANDARD CONCRETE PAVING - PEDESTRIAN — TURN-DOWN EDGE, SEE PLANS FOR	A LC503 LOCATION
	STANDARD CONCRETE PAVING WITH SCORE PATTERN - VEHICULAR TURN-DOWN EDGE, SEE PLANS FOR	B LC503 LOCATION
	STANDARD CONCRETE PAVING WITH SCORE PATTERN - PEDESTRIAN — TURN-DOWN EDGE, SEE PLANS FOR	A LC503 LOCATION
	MULTI-USE EARTHEN TRAIL	K LC503
	RUBBER SURFACING TYPE 1 - LIGHT BLUE	H LC503
	RUBBER SURFACING TYPE 2 - DARK BLUE	H LC503
	MULCH	
	SAND	
	ENGINEERED WOOD FIBER	
20:20:20:20:20:20:20:20:20:20:20:20:20:2	DRY CREEK BED	
	EXPANSION JOINT SCORE JOINT	C LC503
	LANDSCAPE BOULDERS	C LC504



1		PUBLIC WORKS PLAN CHECK #1		6/1/21			DESIGNED BY:	
							LW	02.08.21
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							AS/SS	02.08.21
							7.0700	DATE
								DATE
							CHECKED BY:	
							LW	02.08.21
EV.	SYMBOL	DESCRIPTION OF CHANGE	R.C.E.	DATE	P.D.E.	DATE		DATE





REVIEWED FOR PERMIT ISSUANCE BY: CITY OF THOUSAND OAKS DEVELOPMENT ENGINEER

DATE

PLANNING DIVISION

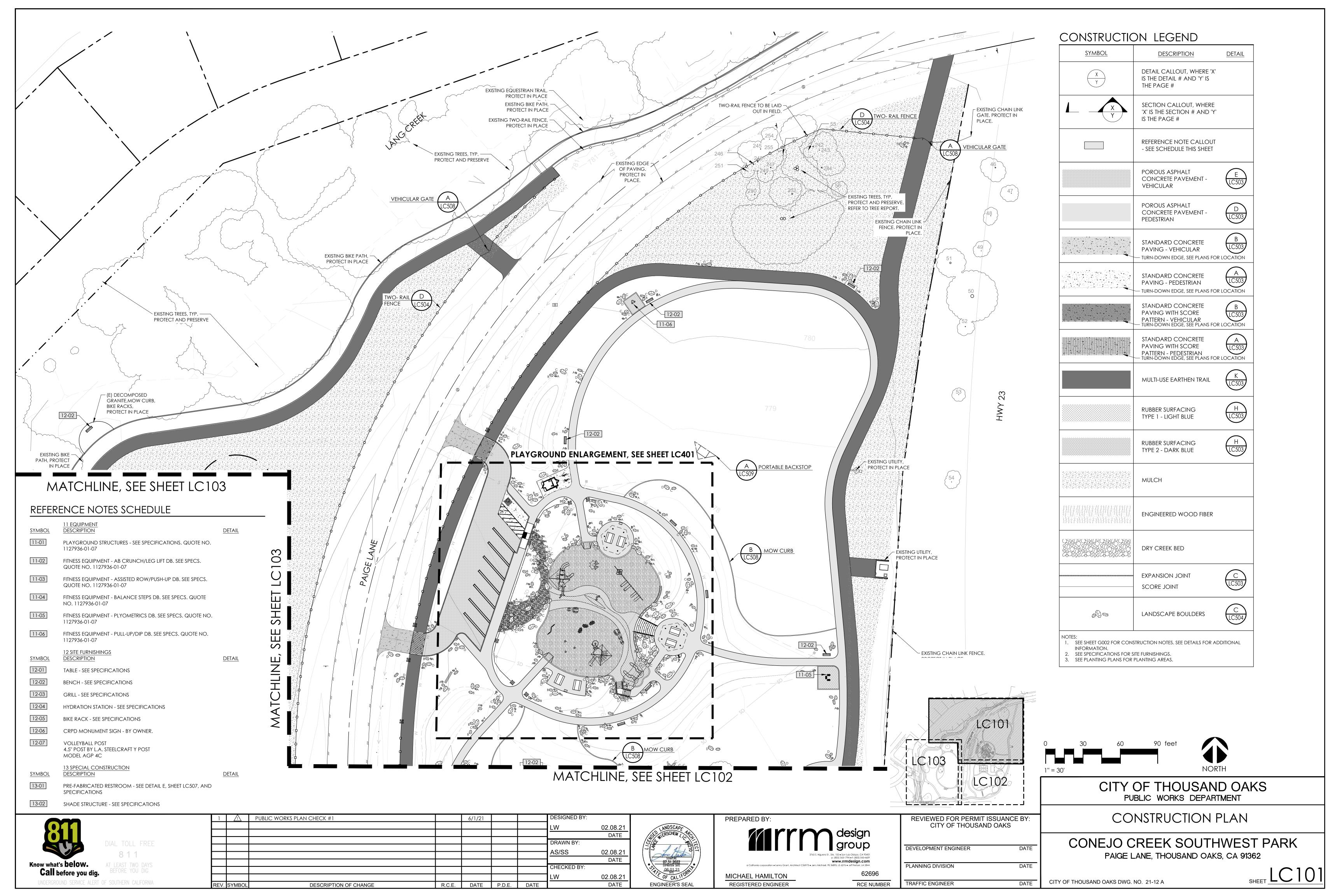
TRAFFIC ENGINEER

CONSTRUCTION LEGEND CONEJO CREEK SOUTHWEST PARK

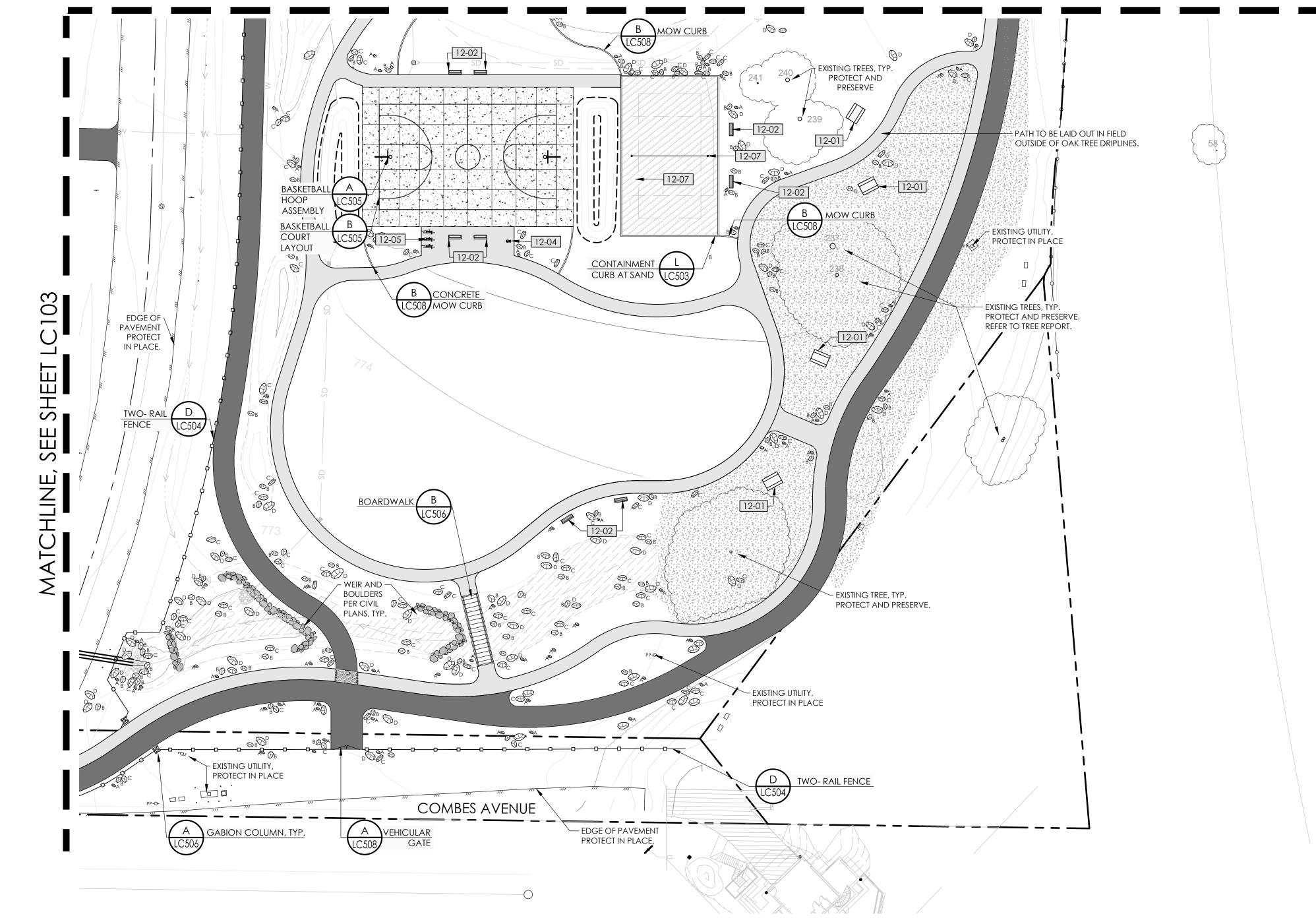
PAIGE LANE, THOUSAND OAKS, CA 91362

CITY OF THOUSAND OAKS

PUBLIC WORKS DEPARTMENT



MATCHLINE, SEE SHEET LC101



REFERENCE NOTES SCHEDULE LC102

12 SITE FURNISHINGS DESCRIPTION

TABLE - SEE SPECIFICATIONS

BENCH - SEE SPECIFICATIONS

HYDRATION STATION - SEE SPECIFICATIONS

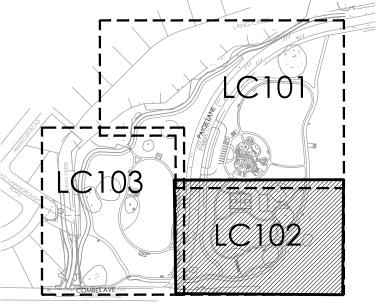
BIKE RACK - SEE SPECIFICATIONS

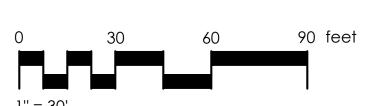
VOLLEYBALL POST

4.5" POST BY L.A. STEELCRAFT Y POST MODEL AGP 4C

CONSTRUCTION LEGEND

	<u>DESCRIPTION</u>	<u>DETAIL</u>
X	DETAIL CALLOUT, WHERE 'X' IS THE DETAIL # AND 'Y' IS THE PAGE #	
X Y	SECTION CALLOUT, WHERE 'X' IS THE SECTION # AND 'Y' IS THE PAGE #	
XX-01	REFERENCE NOTE CALLOUT - SEE SCHEDULE THIS SHEET	
	POROUS ASPHALT CONCRETE PAVEMENT - PEDESTRIAN	D LC503
	STANDARD CONCRETE PAVING - PEDESTRIAN	A LC503
	STANDARD CONCRETE PAVING WITH SCORE PATTERN - VEHICULAR	B LC503
	MULTI-USE EARTHEN TRAIL	K LC503
	MULCH	
	SAND	
000	LANDSCAPE BOULDERS	C LC504







CITY OF THOUSAND OAKS PUBLIC WORKS DEPARTMENT

CONSTRUCTION PLAN

CONEJO CREEK SOUTHWEST PARK PAIGE LANE, THOUSAND OAKS, CA 91362

CITY OF THOUSAND OAKS DWG. NO. 21-12 A

Know what's **below. Call** before you dig.

<u> </u>	PUBLIC WORKS PLAN CHECK #1		6/1/21			DESIGNED BY:	
						LW	02.08.2
						-	DATE
						DRAWN BY:	
						AS/SS	02.08.2
						70/00	DATE
						CHECKED BY:	DATE
						CHECKED BY.	
						LW	02.08.2
SVMBOL	DESCRIPTION OF CHANCE	D C E	DATE	DDE	DATE	1	DATE

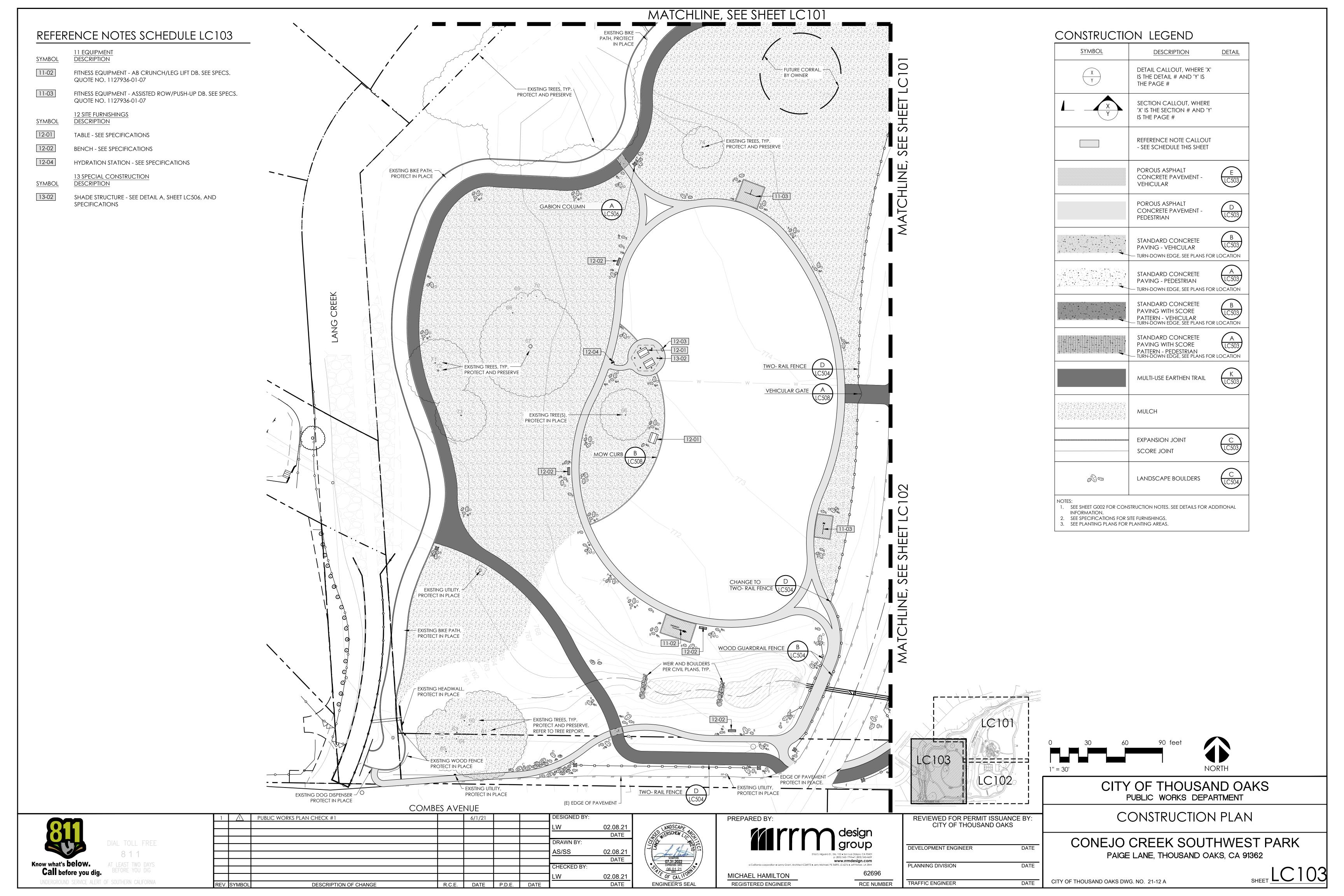


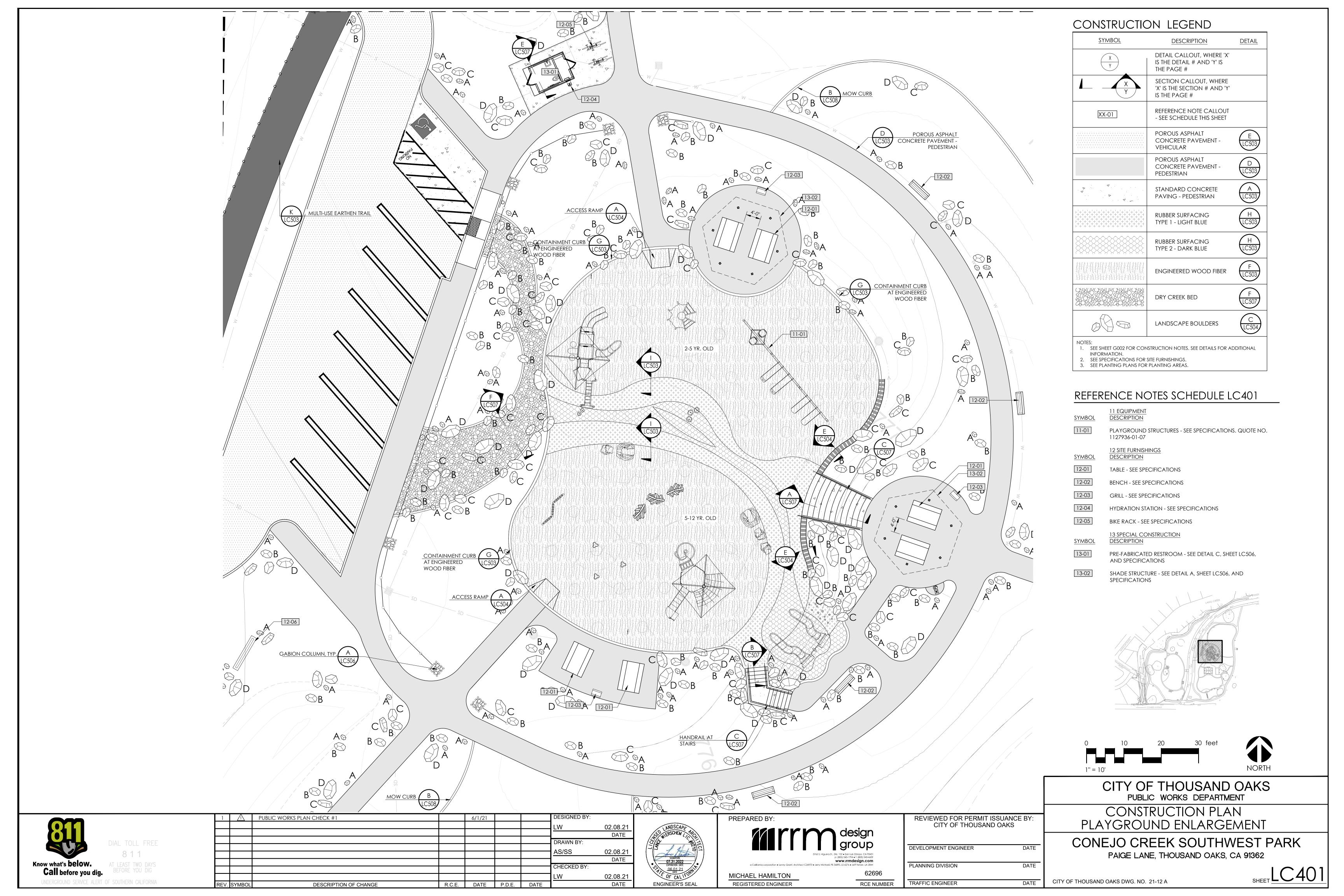


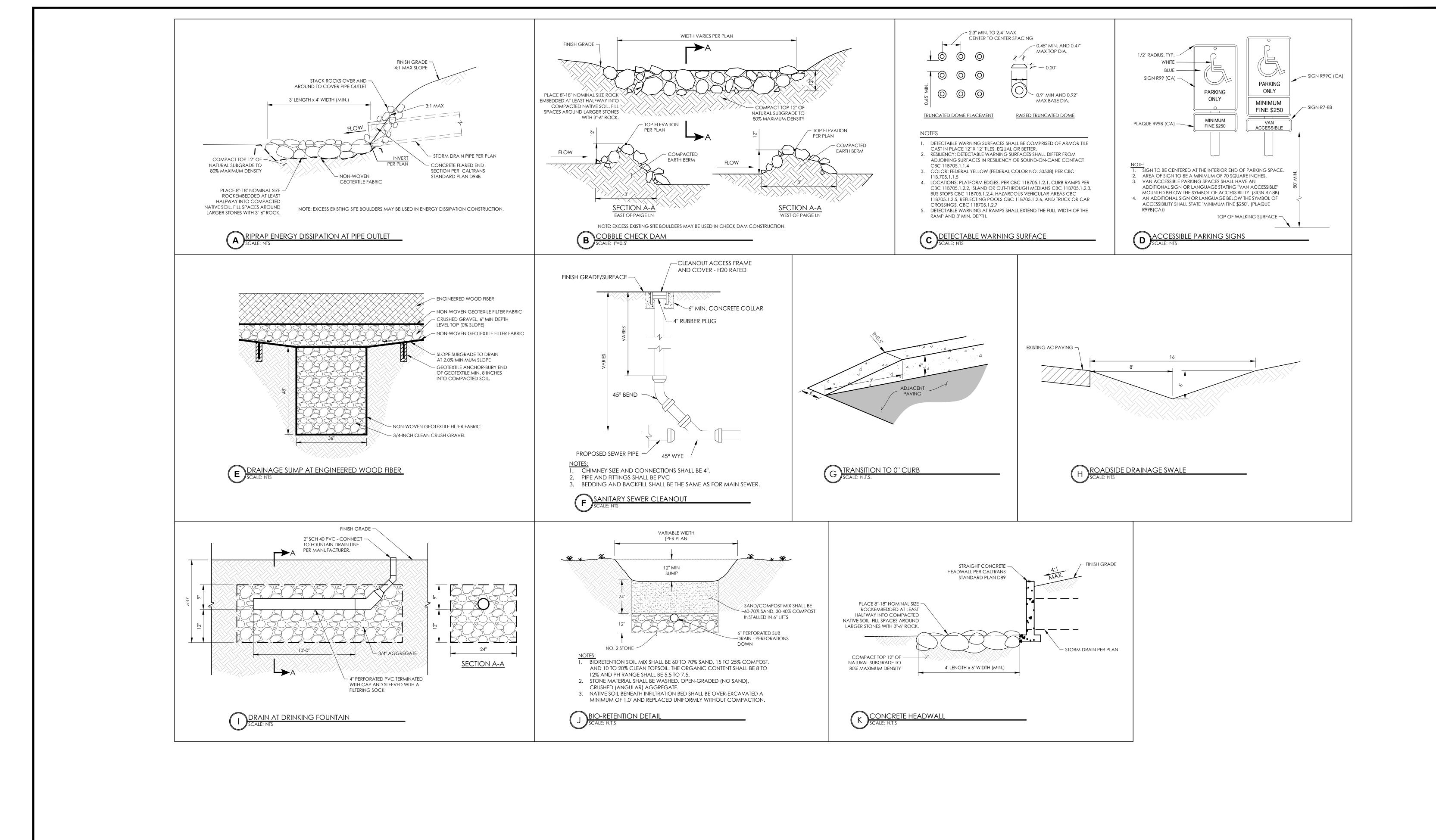
PREPARED BY:

DEVELOPMENT ENGINEER PLANNING DIVISION DATE TRAFFIC ENGINEER

REVIEWED FOR PERMIT ISSUANCE BY: CITY OF THOUSAND OAKS









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1		PUBLIC WORKS PLAN CHECK #1		6/1/21			DESIGNED BY:	
							ADW	02.08.21
								DATE
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							ADW	02.08.21
							ADW	
								DATE
							CHECKED BY:	
							<u>MCH</u>	02.08.21
EV.	SYMBOL	DESCRIPTION OF CHANGE	R.C.E.	DATE	P.D.E.	DATE		DATE





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REVIEWED FOR PERMIT ISSUANCE BY: CITY OF THOUSAND OAKS							
DEVELOPMENT ENGINEER D	ATE						
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CITY OF THOUSAND OAKS PUBLIC WORKS DEPARTMENT

CIVIL CONSTRUCTION DETAILS

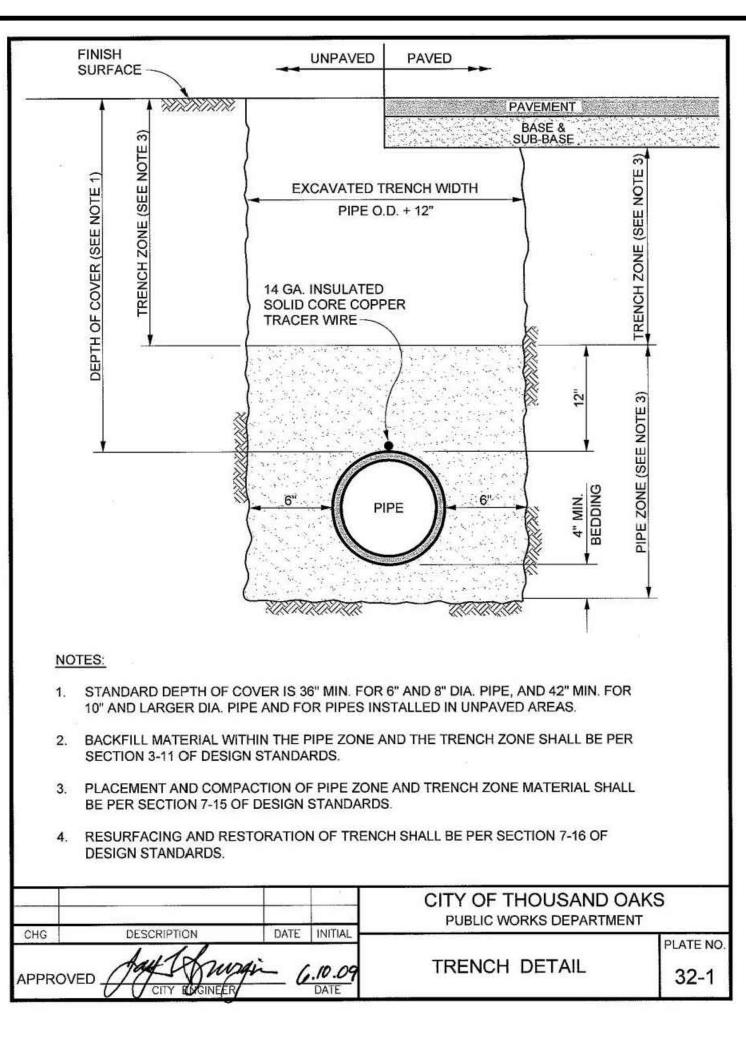
CONEJO CREEK SOUTHWEST PARK

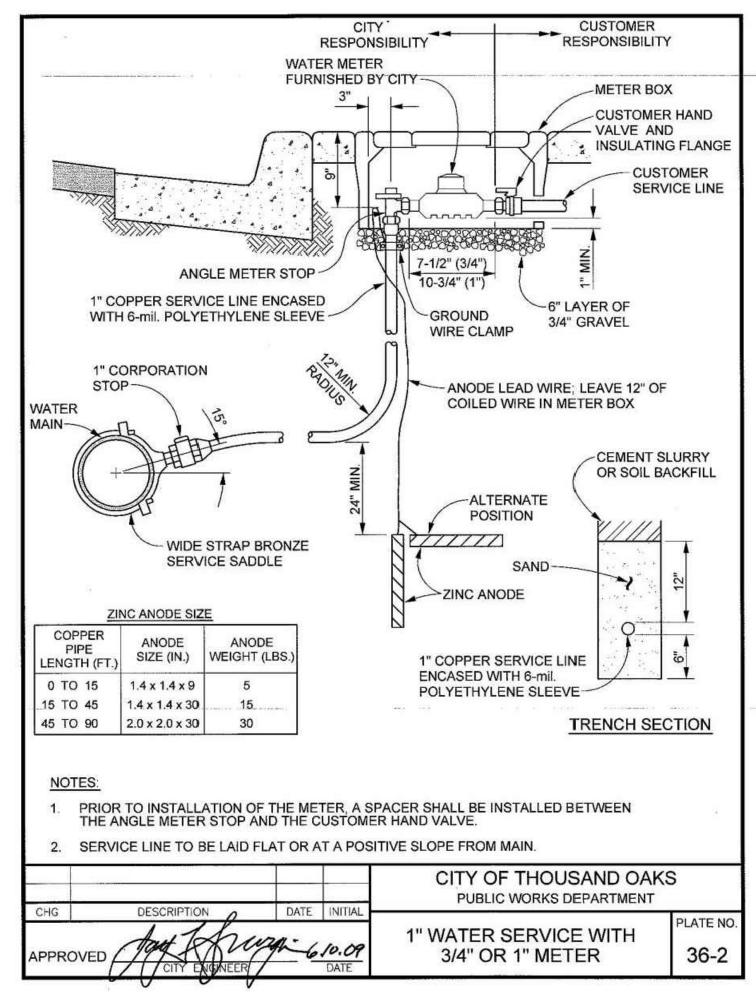
SHEET LC501

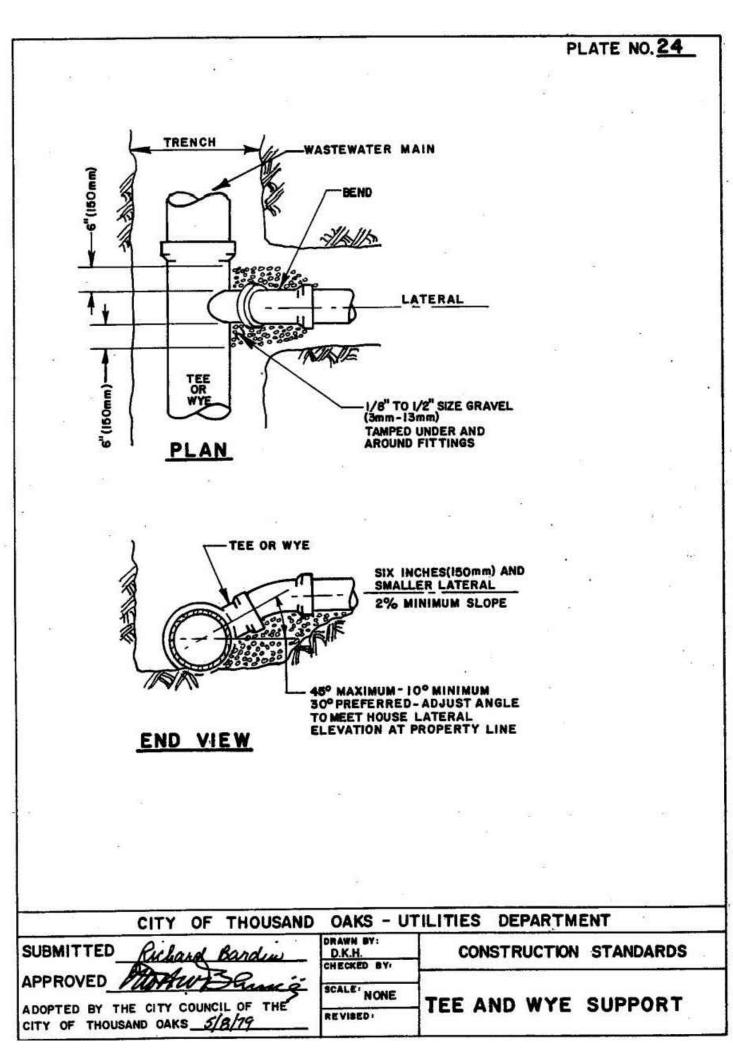
PAIGE LANE, THOUSAND OAKS, CA 91362

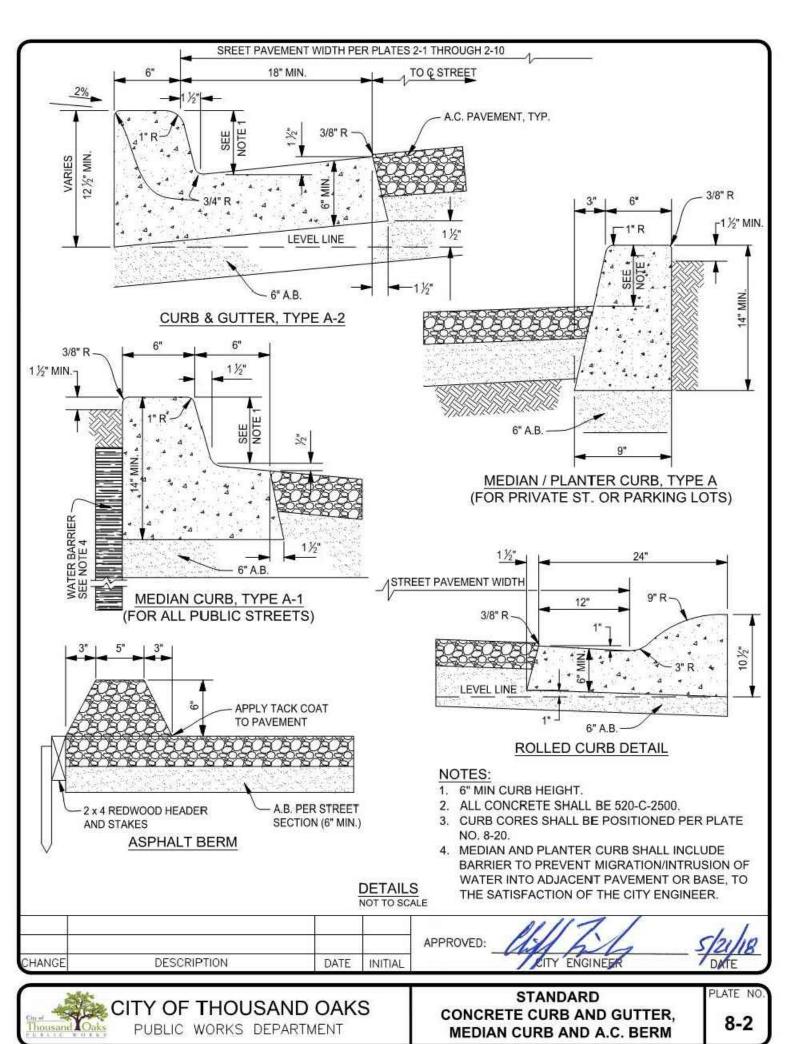
CITY OF THOUSAND OAKS DWG. NO. 21-12 A

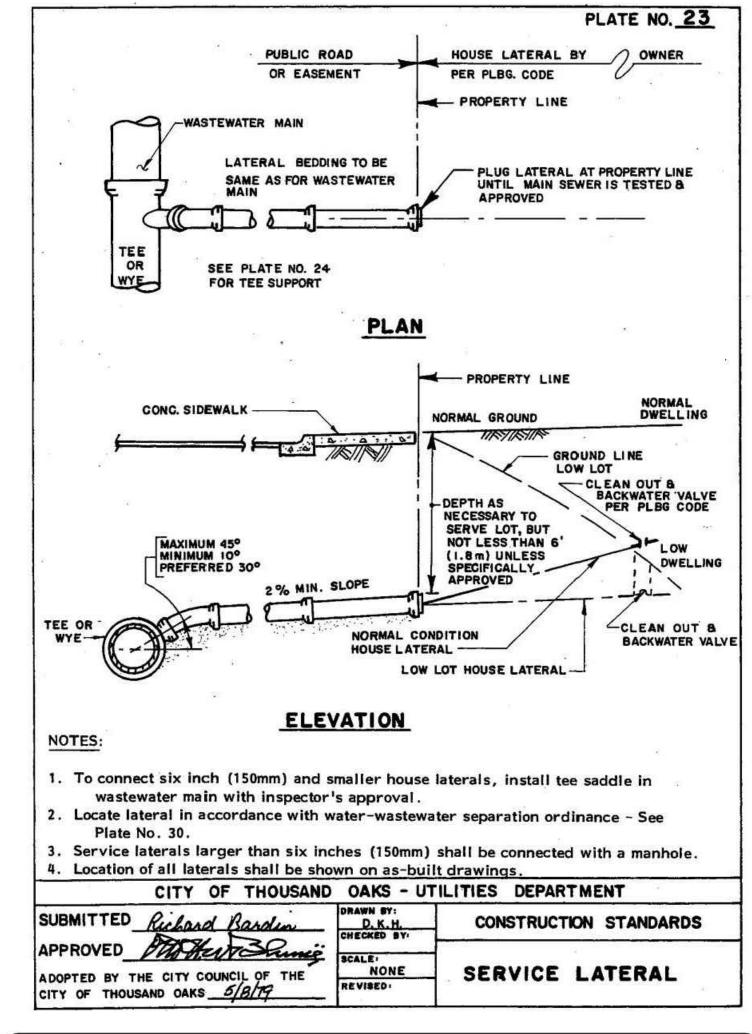
REGISTERED ENGINEER RCE NUMBER TRAFFIC ENGINEER

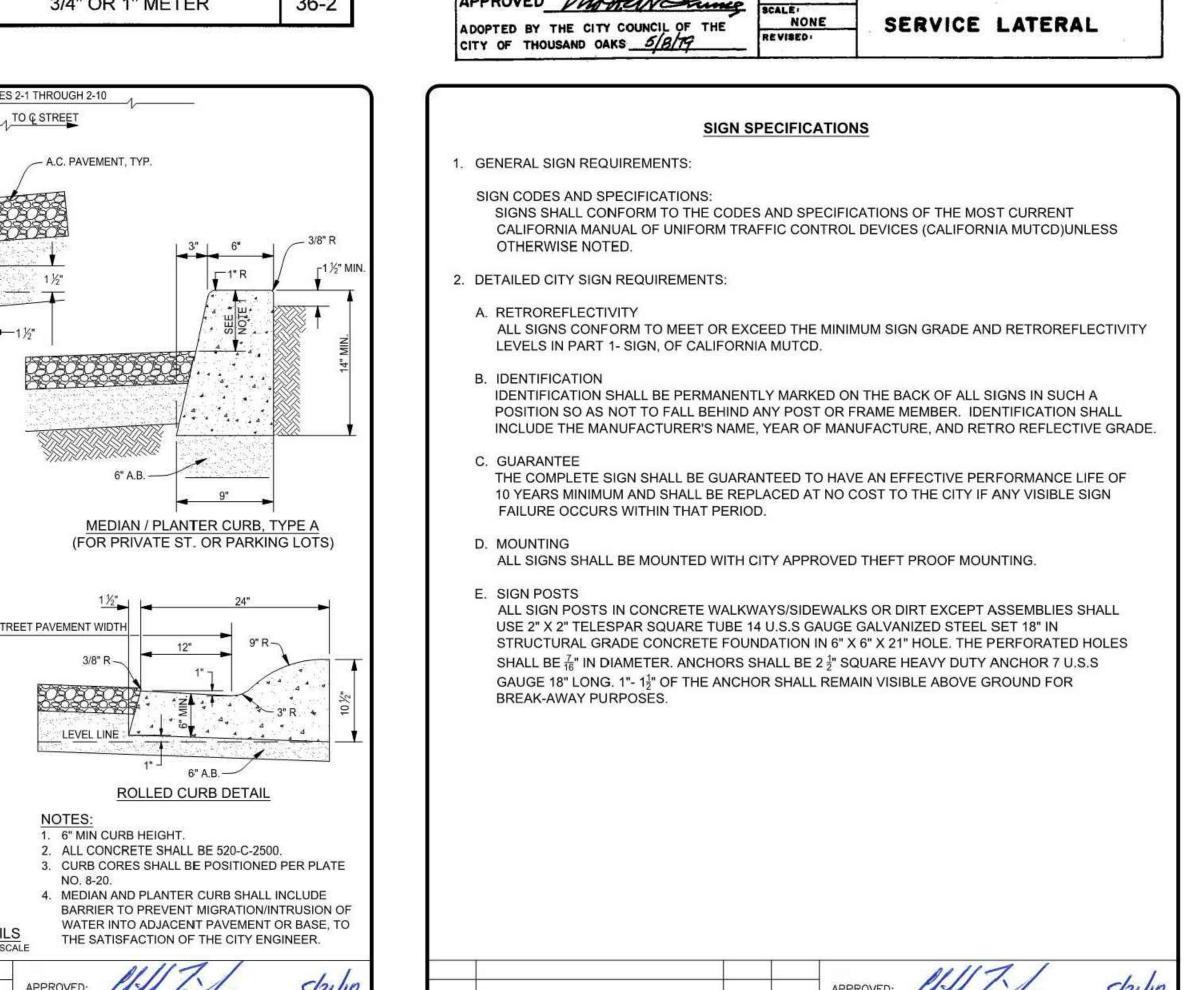


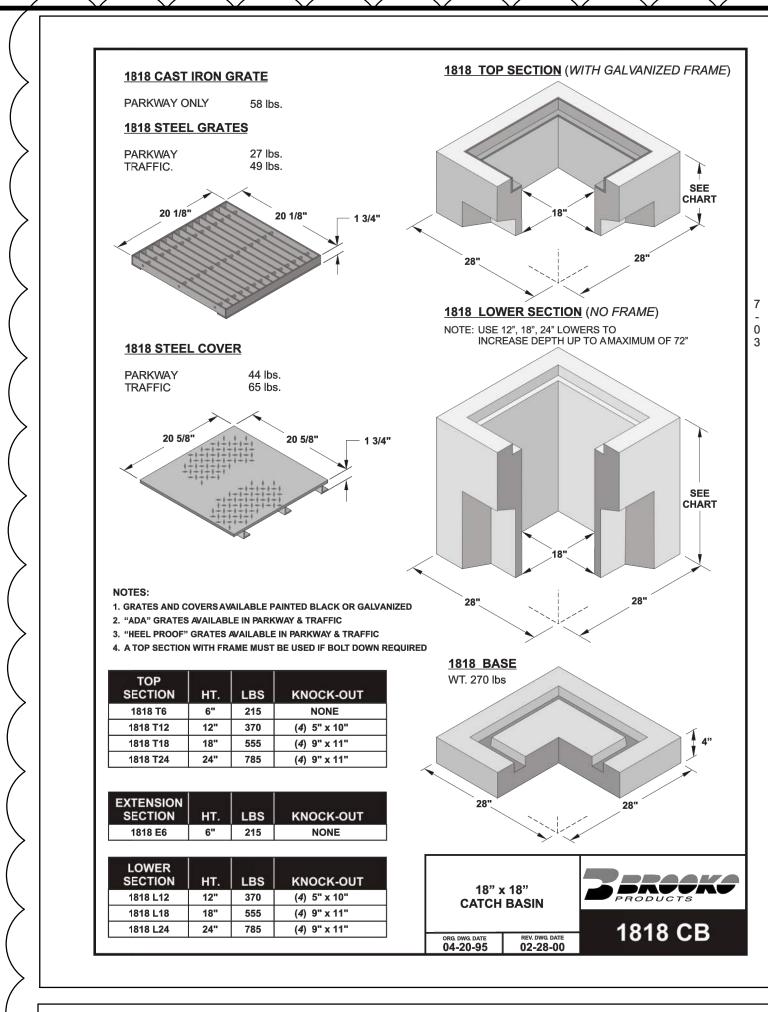






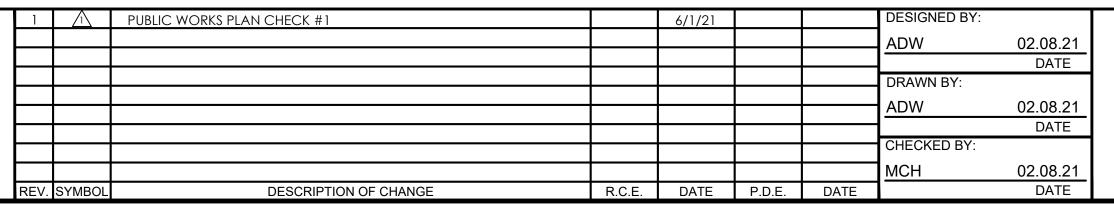
















REVIEWED FOR PERMIT ISSUANCE BY: CITY OF THOUSAND OAKS **DEVELOPMENT ENGINEER** PLANNING DIVISION

CITY OF THOUSAND OAKS PUBLIC WORKS DEPARTMENT

CIVIL CONSTRUCTION DETAILS

CONEJO CREEK SOUTHWEST PARK PAIGE LANE, THOUSAND OAKS, CA 91362

REGISTERED ENGINEER **ENGINEER'S SEAL**

DESCRIPTION

CITY OF THOUSAND OAKS

PUBLIC WORKS DEPARTMENT

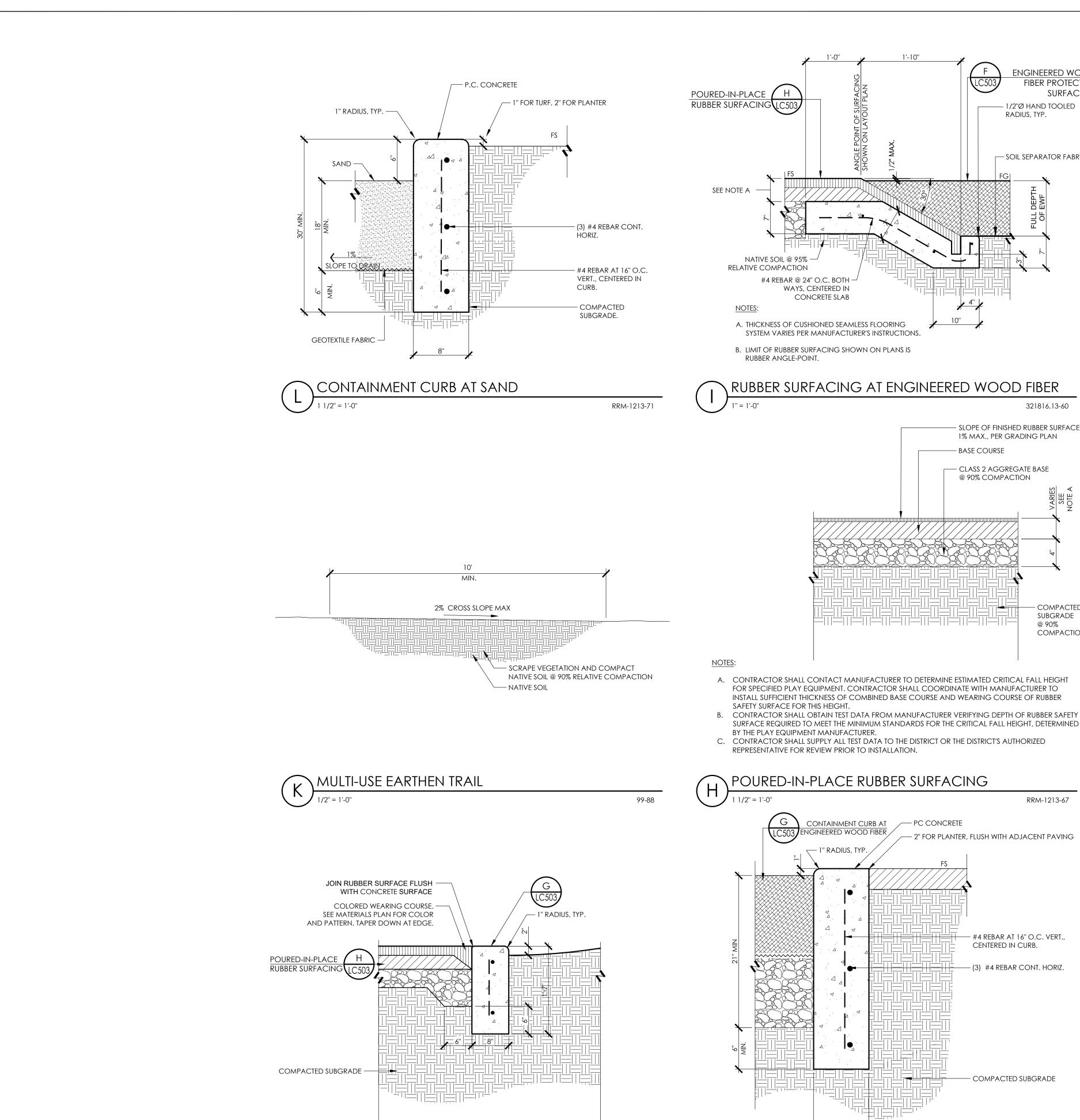
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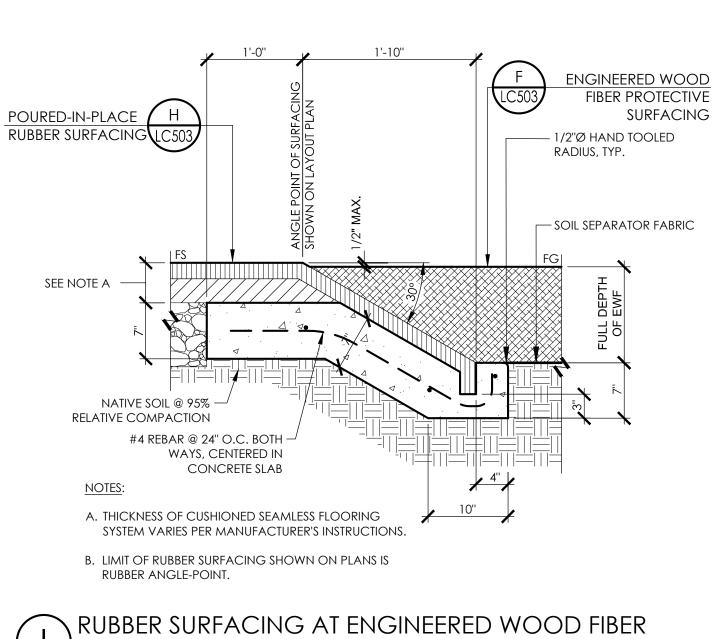
STANDARD

SIGN SPECIFICATIONS

TRAFFIC ENGINEER

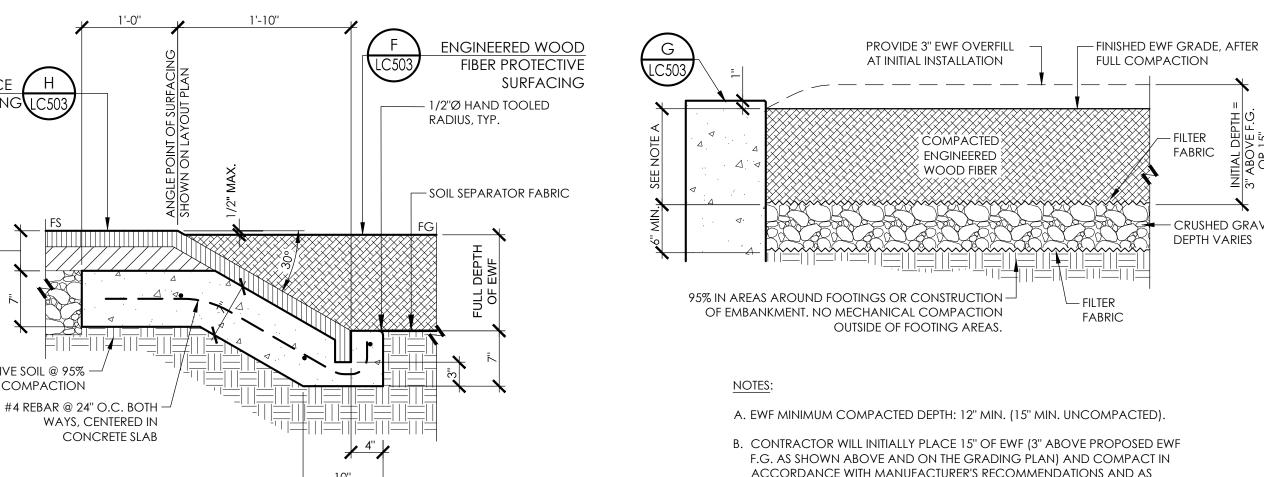
7-1





CONTAINMENT CURB AT PC CONCRETE

GINEERED WOOD FIBER /



321816.13-60

- COMPACTED

COMPACTION

SUBGRADE

RRM-1213-67

— 2" FOR PLANTER, FLUSH WITH ADJACENT PAVING

- #4 REBAR AT 16" O.C. VERT.,

(3) #4 REBAR CONT. HORIZ.

- COMPACTED SUBGRADE

RRM-1213-73

A. PROVIDE CONTRACTION JOINT EVERY 10' MAX. B. PROVIDE EXPANSION JOINT EVERY 20' MAX.

CENTERED IN CURB.

- SLOPE OF FINISHED RUBBER SURFACE

1% MAX., PER GRADING PLAN

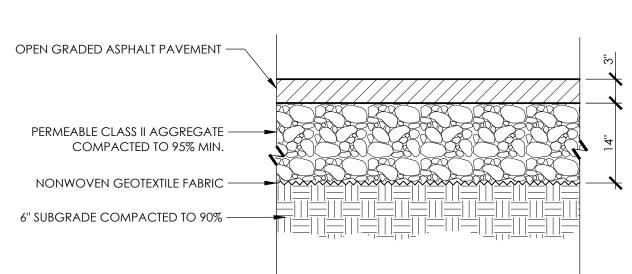
CLASS 2 AGGREGATE BASE

@ 90% COMPACTION

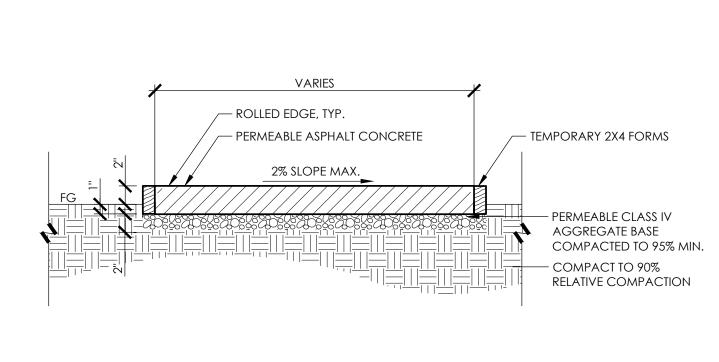
- BASE COURSE

- B. CONTRACTOR WILL INITIALLY PLACE 15" OF EWF (3" ABOVE PROPOSED EWF F.G. AS SHOWN ABOVE AND ON THE GRADING PLAN) AND COMPACT IN ACCORDANCE WITH MANUFACTURER'S RECOMMENDATIONS AND AS DIRECTED BY THE ENGINEER.
- C. PROVIDE POSITIVE SUBGRADE DRAINAGE AWAY FROM PLAY EQUIPMENT FOOTINGS. SEE DETAIL E/LC501.

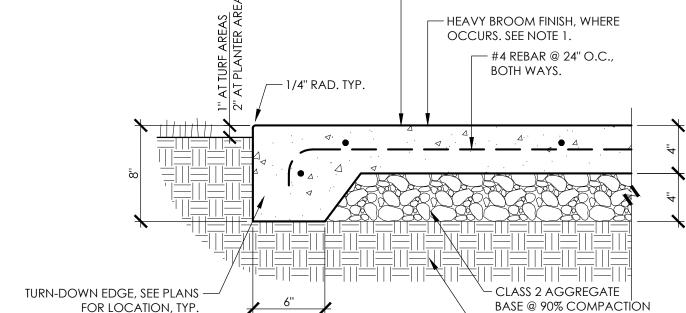




POROUS ASPHALT CONCRETE PAVEMENT - VEHICULAR



1. PERMEABLE ASPHALT CONCRETE SHALL BE ACCORDING TO LATEST EDITION GREENBOOK STANDARD SPECIFICATIONS FOR PUBLIC WORKS CONSTRUCTION. 2. USE WOOD 2X4 TO FORM PATH. CONTRACTOR TO REMOVE UPON PATH



1. PROVIDE JOINTS AT LOCATIONS SHOWN ON PLANS. JOINTS SHALL OCCUR @ 10' O.C. MAX SPACING.

2. PROVIDE HEAVY BROOM FINISH PERPENDICULAR TO PATH OF TRAVEL AT NATIVE EARTHEN TRAIL

CONCRETE PAVING - VEHICULAR

CROSSINGS, WHERE SHOWN ON PLANS.

SMOOTH STEEL DOWEL, 8" LONG, AT 24" O.C.,

3/8" FOAM JOINT FILLER, FULL DEPTH OF SLAB. -

CONTROL JOINT

1/4" WIDE x 1/4 SLAB DEPTH -

TOOLED JOINT

SEAL JOINT WITH APPROVED PRODUCT.

SECOND SLAB -

PLACEMENT

CENTERED IN SLAB

PREVIOUSLY CONSTRUCTED FIXED -

ELEMENT (BUILDING, WALL, ETC.)

DEPTH OF SLAB. SEAL JOINT WITH

FIRST SLAB

EXPANSION JOINT

A. REFER TO PLANS FOR JOINTING LOCATIONS AND LAYOUT INFORMATION.

C. INSTALL JOINT FILLER PER MANUFACTURER'S INSTRUCTIONS.

- PC CONCRETE PAVING

HEAVY BROOM FINISH, WHERE

OCCURS. SEE NOTE 3.

COLOR TO MATCH PAVING, AS APPROVED.

— 1/4" RAD. TYP.

B. PROVIDE ISOLATION JOINT AGAINST PREVIOUSLY CONSTRUCTED, FIXED ELEMENTS.

D. PROVIDE CAULK SEALANT ON ALL CONCRETE EXPANSION AND ISOLATION JOINTS.

PLACEMENT

3/8" FOAM JOINT FILLER, FULL -

APPROVED PRODUCT.

ISOLATION JOINT

321313.14-14

/— #4 REBAR @ 24" O.C.

BOTH WAYS

CLASS 2 AGGREGATE

- COMPACTED SUBGRADE

@ 90% COMPACTION

— PC CONCRETE PAVING.

BASE @ 95% COMPACTION

RRM-1213-12

1. PROVIDE HEAVY BROOM FINISH PERPENDICULAR TO PATH OF TRAVEL AT NATIVE EARTHEN TRAIL CROSSINGS, WHERE SHOWN ON PLANS.



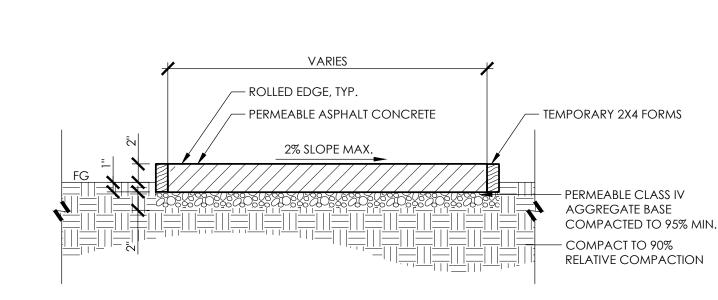
CITY OF THOUSAND OAKS PUBLIC WORKS DEPARTMENT

CONSTRUCTION DETAILS

CONEJO CREEK SOUTHWEST PARK PAIGE LANE, THOUSAND OAKS, CA 91362

CITY OF THOUSAND OAKS DWG. NO. 21-12 A

DATE





RRM-1213-74

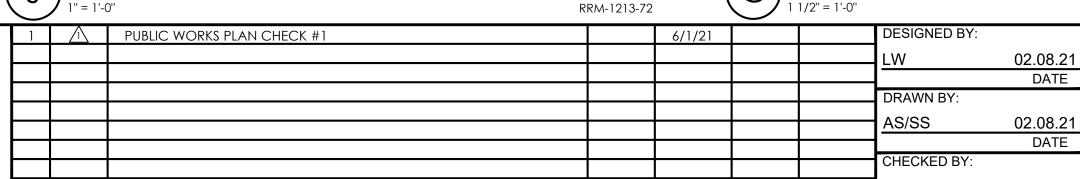
DESIGNED BY: DATE 02.08.21 DATE

PREPARED BY: MICHAEL HAMILTON

REGISTERED ENGINEER

CITY OF THOUSAND OAKS **DEVELOPMENT ENGINEER** PLANNING DIVISION

- COMPACTED SUBGRADE @ 90% COMPACTION. SEE NOTES.



R.C.E. DATE P.D.E. DATE

RUBBER SURFACING AT CONTAINMENT CURB

DESCRIPTION OF CHANGE

REV. SYMBOL

ENGINEER'S SEAL

REVIEWED FOR PERMIT ISSUANCE BY:

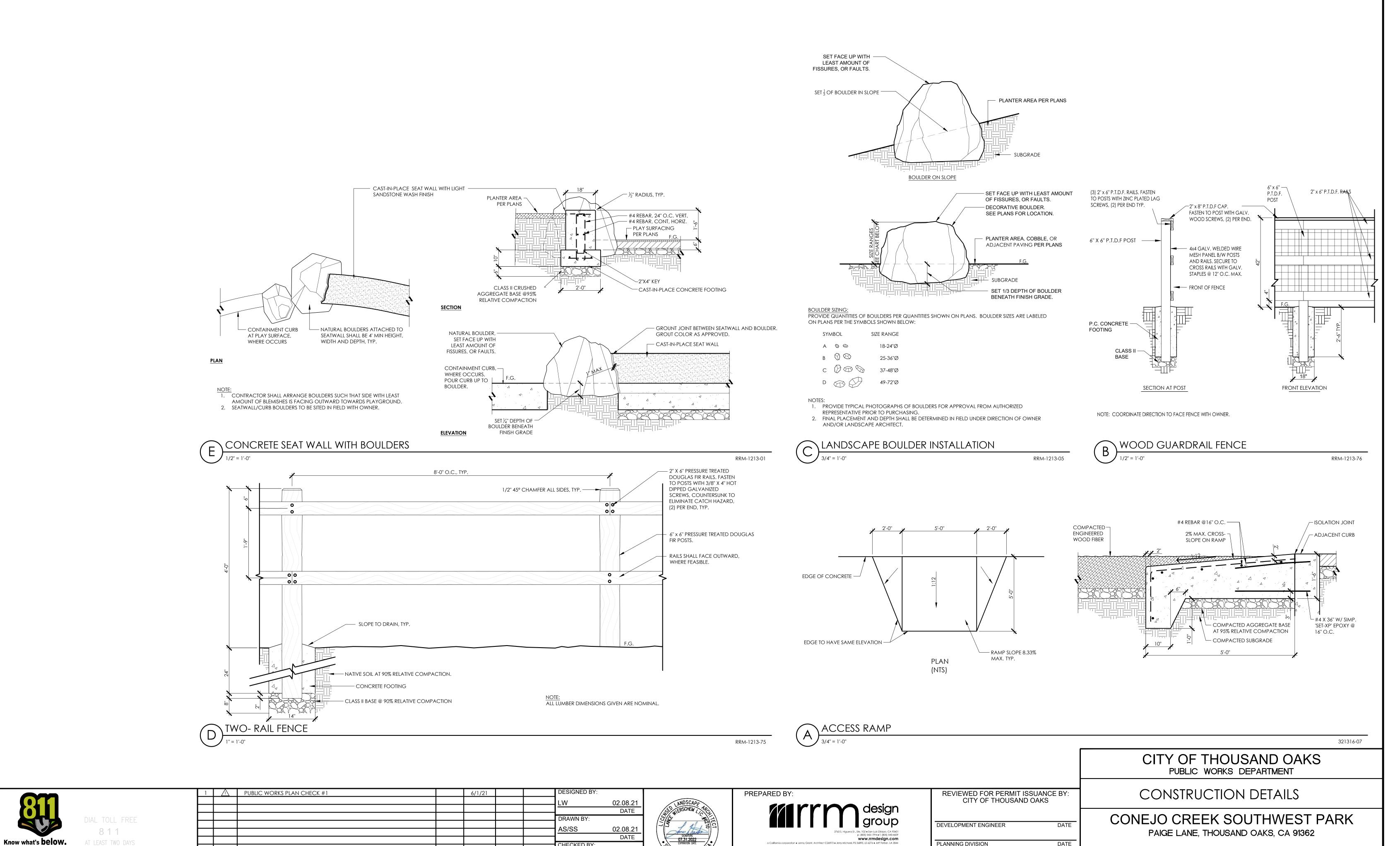
RCE NUMBER

TRAFFIC ENGINEER

02.08.21

CONTAINMENT CURB AT ENGINEERED WOOD FIBER

DATE



CHECKED BY:

R.C.E. DATE P.D.E. DATE

DESCRIPTION OF CHANGE

02.08.21

DATE

Call before you dig.

PLANNING DIVISION

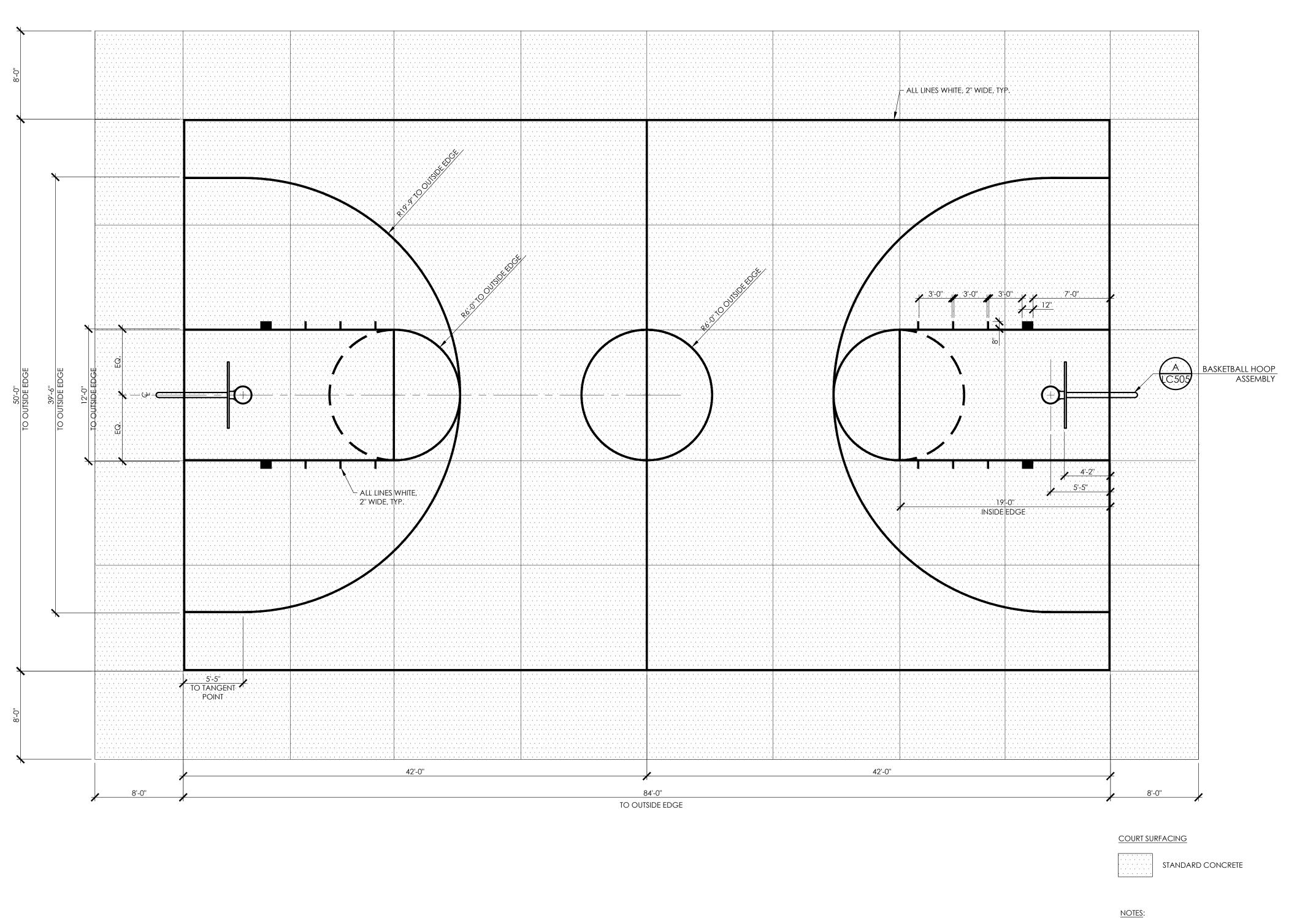
TRAFFIC ENGINEER

62696

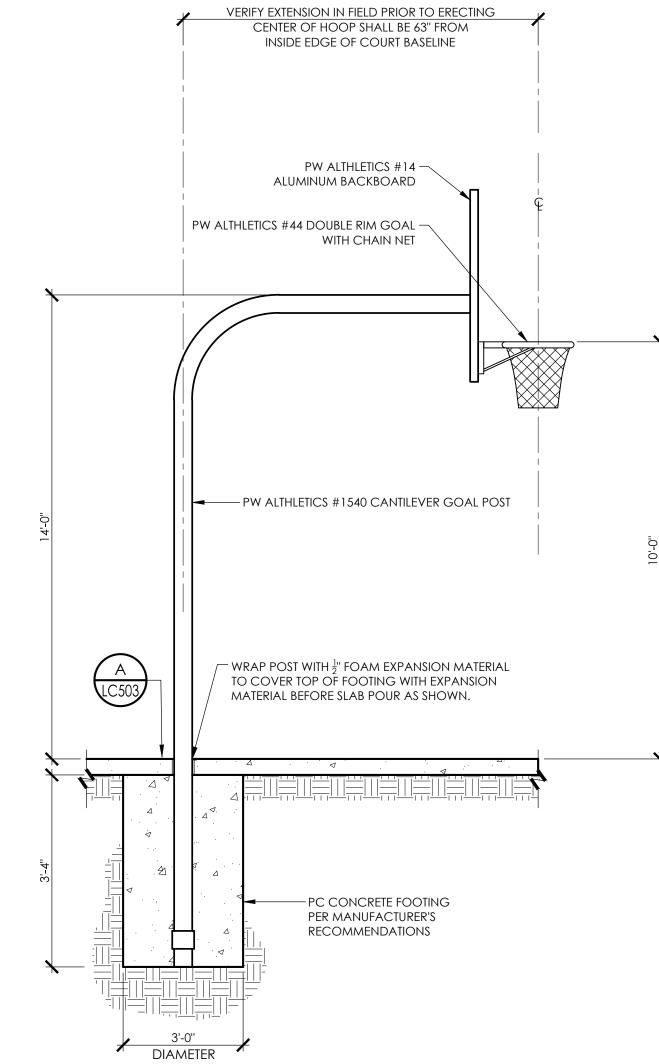
RCE NUMBER

MICHAEL HAMILTON

REGISTERED ENGINEER



- A. ALL PAINTED LINES AND MARKS ON THE COURT SHALL BE 2-INCHES WIDE UNLESS OTHERWISE NOTED, COLOR:
- B. ALL DIMENSIONS ARE SYMMETRICAL ABOUT CENTERLINE, UNLESS OTHERWISE NOTED.



BASKETBALL HOOP ASSEMBLY

CITY OF THOUSAND OAKS PUBLIC WORKS DEPARTMENT

CONSTRUCTION DETAILS

CONEJO CREEK SOUTHWEST PARK PAIGE LANE, THOUSAND OAKS, CA 91362

Know what's **below.**Call before you dig.

1 PUBLIC WORKS PLAN CHECK #1 6/1/21 DESIGNED BY: 02.08.21 DATE DRAWN BY: 02.08.21 DATE CHECKED BY: 02.08.21 REV. SYMBOL DATE DESCRIPTION OF CHANGE R.C.E. DATE P.D.E. DATE

\` BASKETBALL COURT LAYOUT





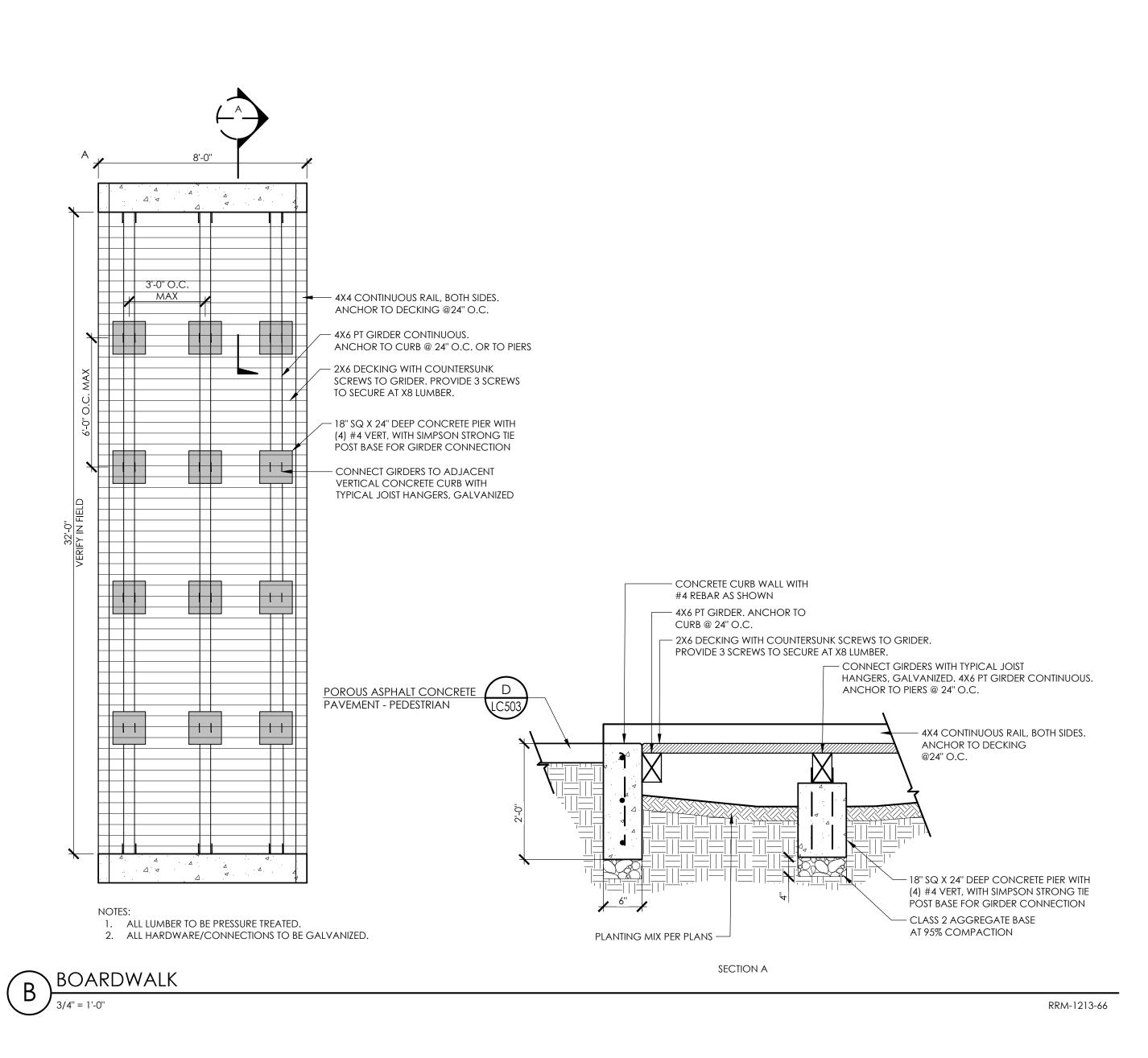
DEVELOPMENT ENGINEER PLANNING DIVISION DATE TRAFFIC ENGINEER

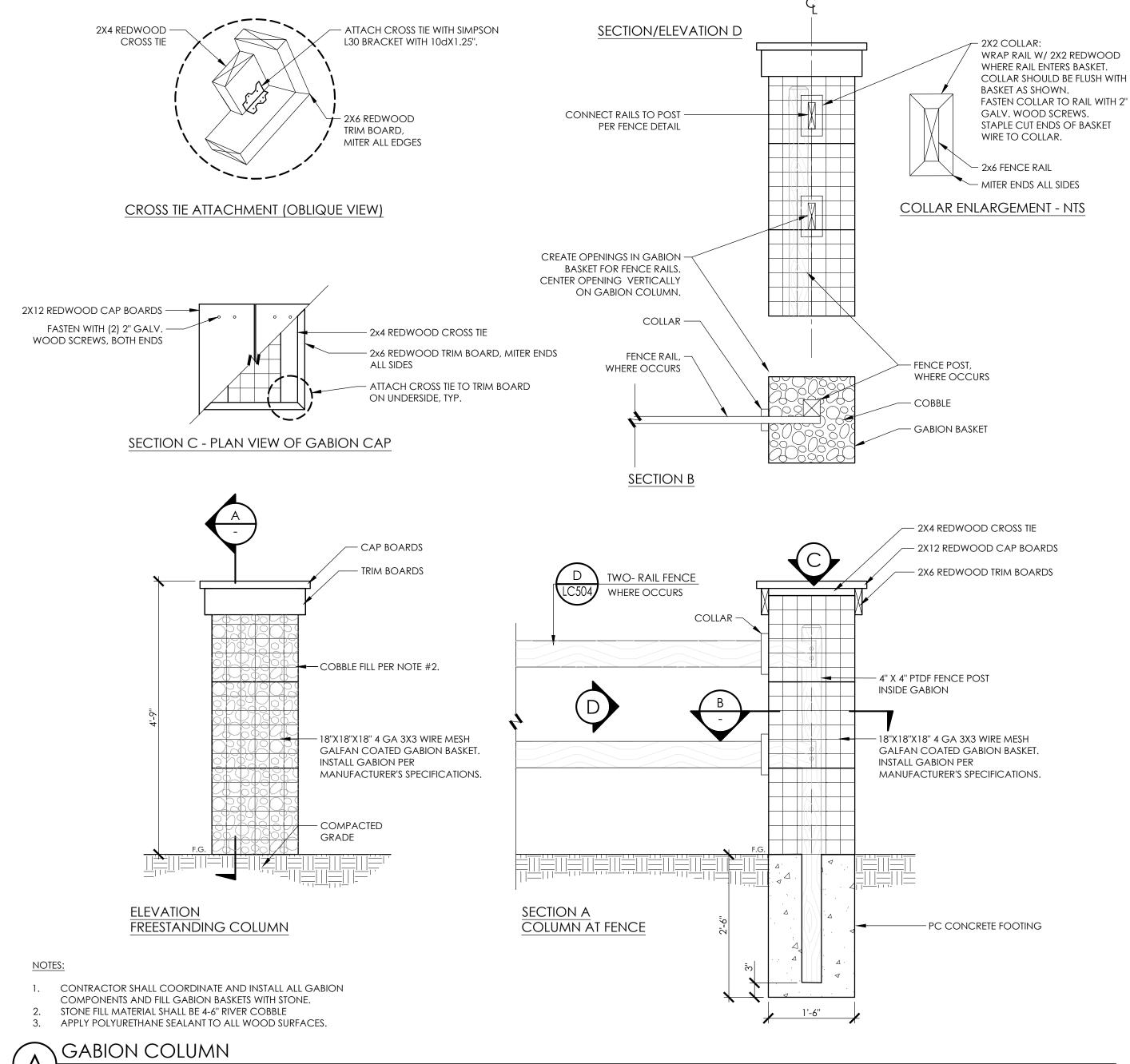
REVIEWED FOR PERMIT ISSUANCE BY: CITY OF THOUSAND OAKS

RRM-1213-07

CITY OF THOUSAND OAKS DWG. NO. 21-12 A

RRM-1213-11





CITY OF THOUSAND OAKS PUBLIC WORKS DEPARTMENT



1 PUBLIC WORKS PLAN CHECK #1 02.08.21 CHECKED BY: 02.08.21 REV. SYMBOL DESCRIPTION OF CHANGE R.C.E. DATE P.D.E. DATE



02.08.21 DATE

DATE

DATE



REVIEWED FOR PERMIT ISSUANCE BY: CITY OF THOUSAND OAKS	
DEVELOPMENT ENGINEER DATE	
PLANNING DIVISION DATE	

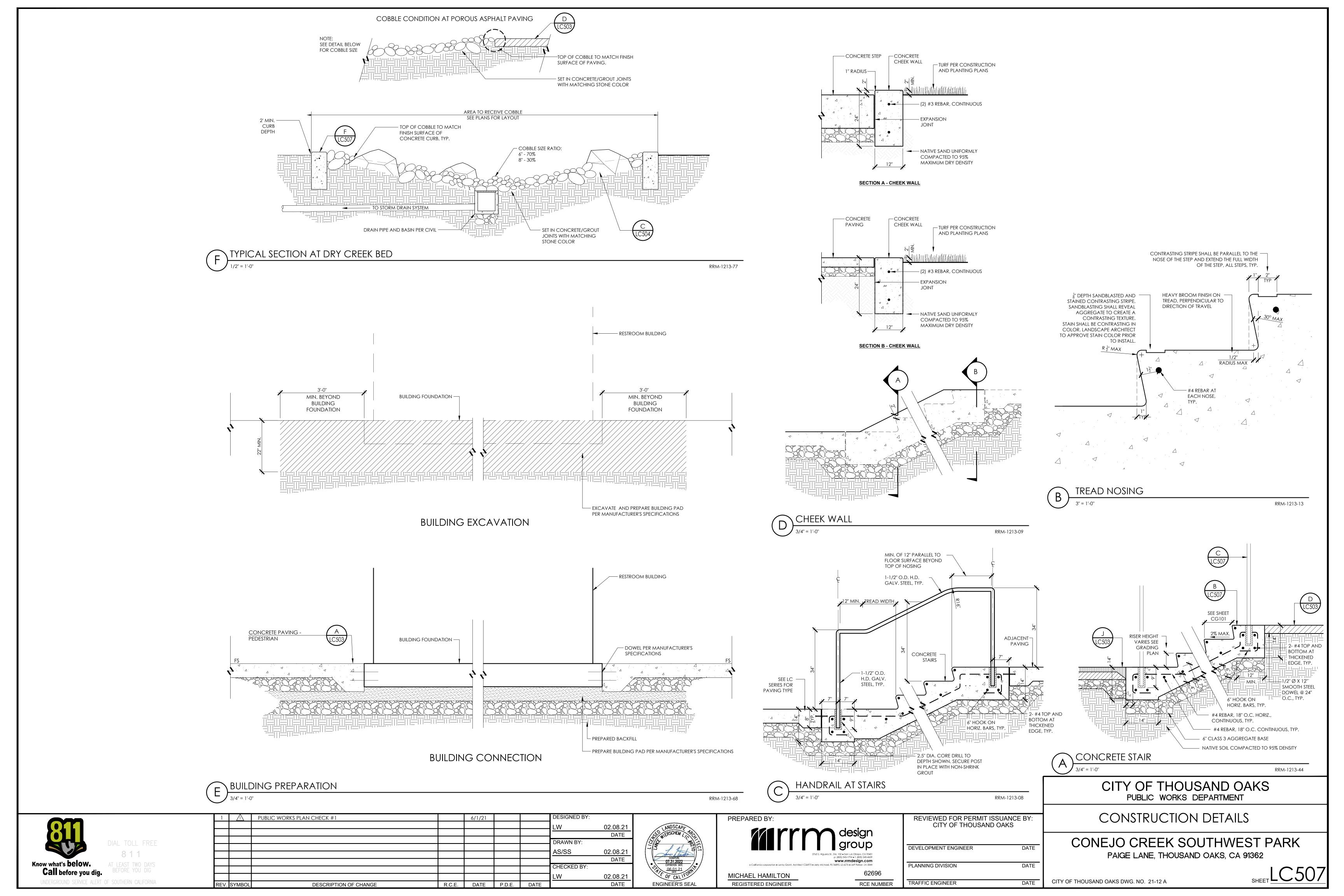
TRAFFIC ENGINEER

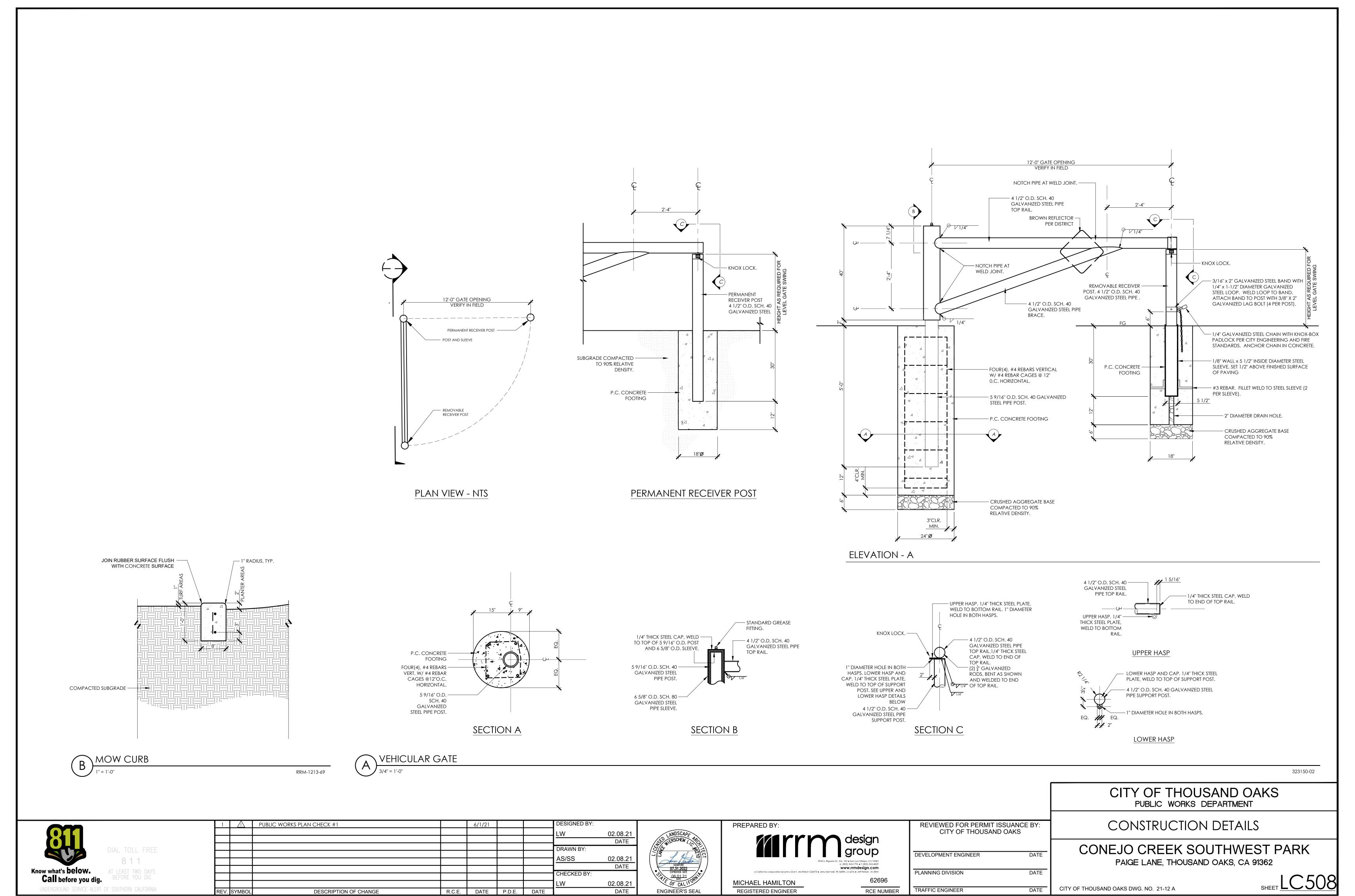
CONSTRUCTION DETAILS

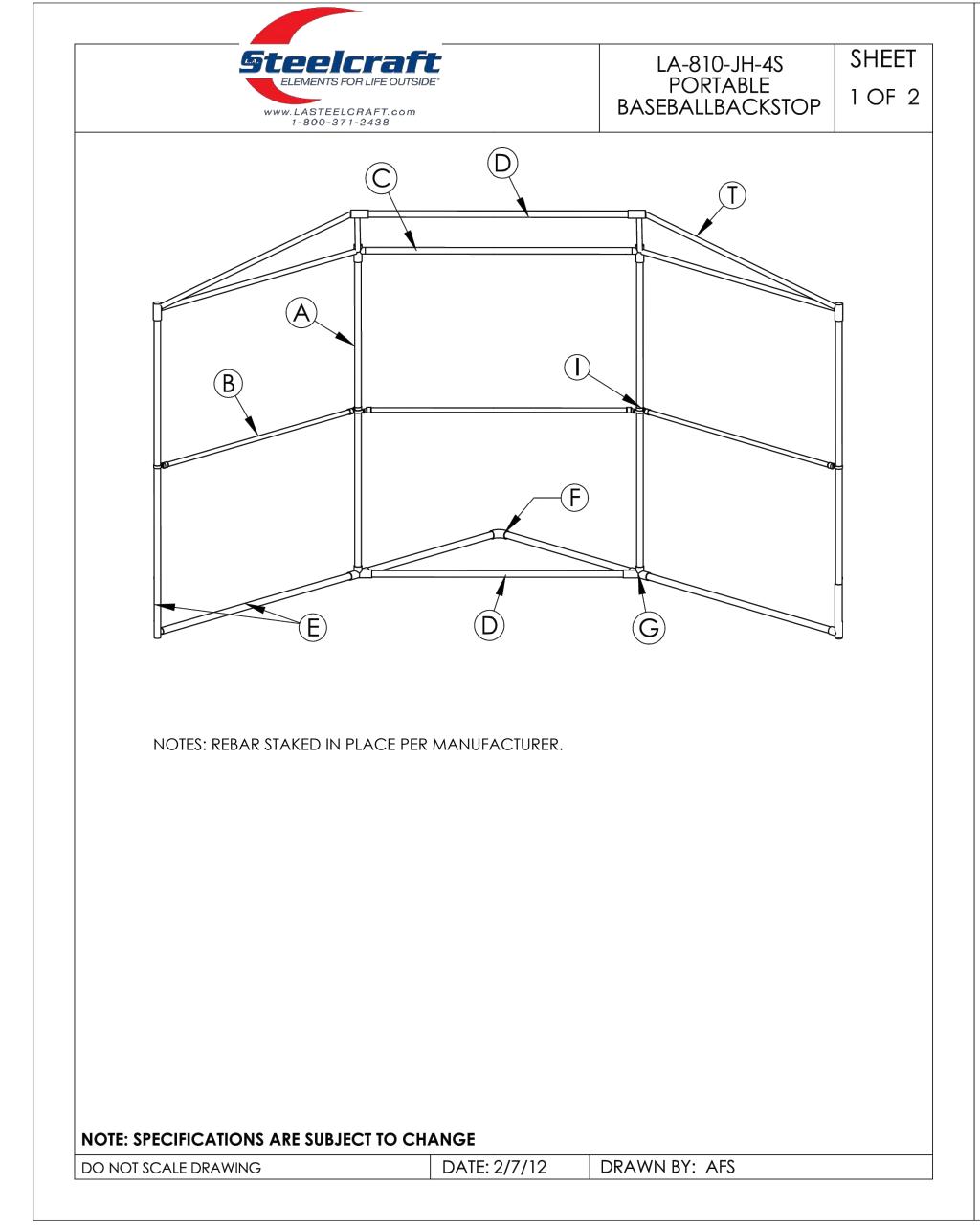
CONEJO CREEK SOUTHWEST PARK PAIGE LANE, THOUSAND OAKS, CA 91362

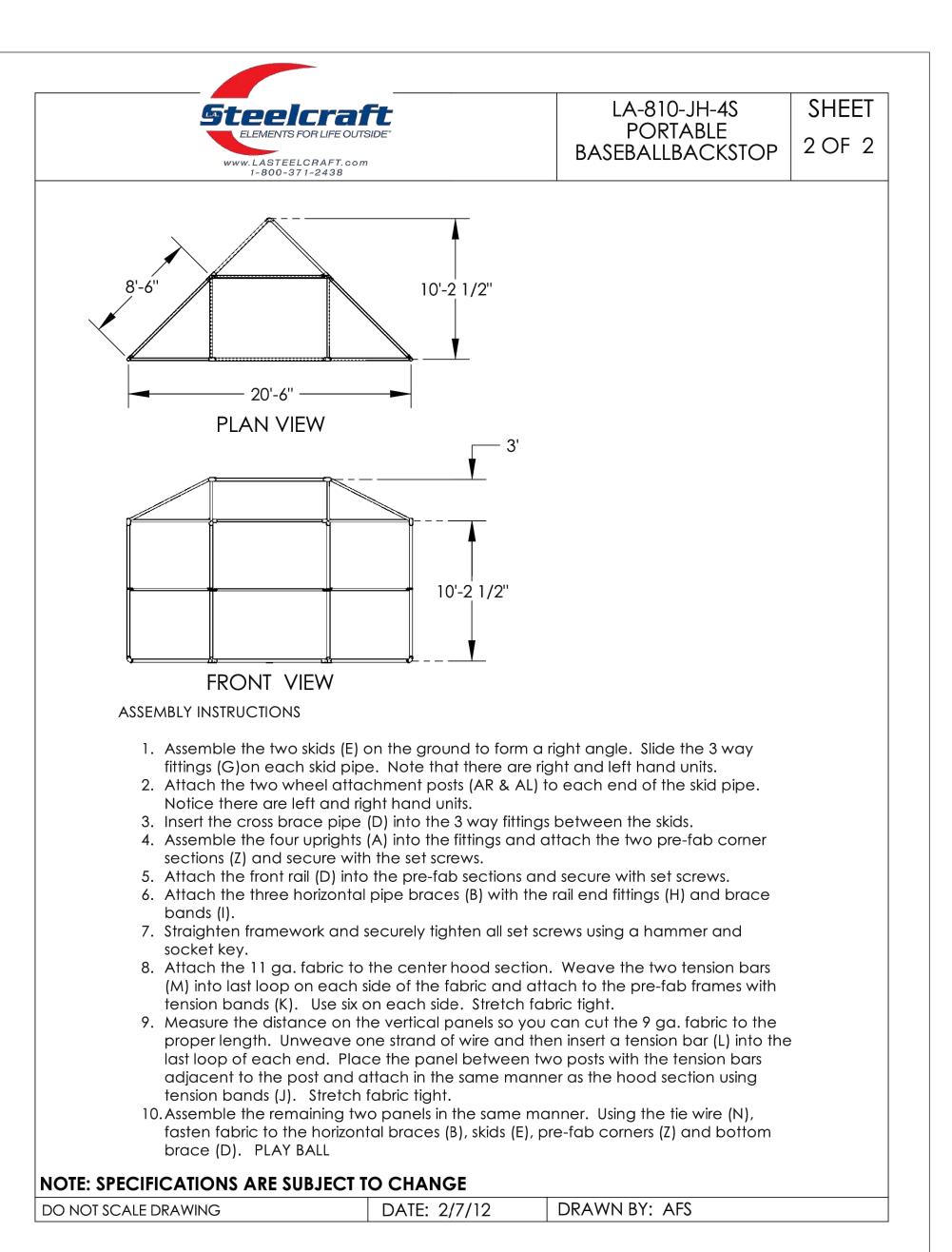
CITY OF THOUSAND OAKS DWG. NO. 21-12 A

RRM-1213-02









 $(A) \frac{POR}{1'' = 1'-0}$

PORTABLE BACKSTOP

RRM-1213-70

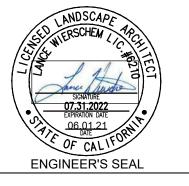
Call before you dig.

DIAL TOLL FREE

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AT LEAST TWO DAYS
BEFORE YOU DIG

1		PUBLIC WORKS PLAN CHECK #1		6/1/21			DESIGNED BY:	
							LW	02.08.21
	ļ							DATE
							DRAWN BY:	
-	<u> </u>						AS/SS	02.08.21
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							CHECKED BY:	
							LW	02.08.21
REV.	SYMBOL	DESCRIPTION OF CHANGE	R.C.E.	DATE	P.D.E.	DATE		DATE
REV.	SYMBOL	DESCRIPTION OF CHANGE	R.C.E.	DATE	P.D.E.	DATE	LW	_





REVIEWED FOR PERMIT ISSUANO CITY OF THOUSAND OAKS	CE BY:
DEVELOPMENT ENGINEER	DATE
PLANNING DIVISION	DATE

TRAFFIC ENGINEER

CONSTRUCTION DETAIL

CONEJO CREEK SOUTHWEST PARK PAIGE LANE, THOUSAND OAKS, CA 91362

CITY OF THOUSAND OAKS

PUBLIC WORKS DEPARTMENT

CITY OF THOUSAND OAKS DWG. NO. 21-12 A

SHEET LC509

### PART SET PROFESS SHOULD SEE TO 10.20 \$ 3 JEPSEZ ### MATHER POST AGE THAT CHEETER SHOULD SEE TO 10.20 \$ 1.00 \$	SYMBOL	MANUFACTURER/MODEL	ARC	<u>PSI</u>	<u>GPM</u>	<u>RADIUS</u>	DETAIL
MARIFICIAL PROPERTY ADDITIONAL PROPERTY ADDI	\Diamond	RAIN BIRD RWS-1401-B-6-C 1401	360	30	0.25	3'	J/IP502
HOUSE DEVOCATION ADDITIONS AND THE STATE OF THE STATE O	•	RAIN BIRD RWS-1401-B-6-C 1402	360	30	0.50	3'	J/IP502
THER COTOR, 40T FOR UP AND SAFE PRINTS OF THE SAFE	SYMBOL	MANUFACTURER/MODEL/DESCRIPTION		<u>PSI</u>	<u>GPM</u>	RADIUS	<u>DETAIL</u>
### TURK FOOR, 40 POR PLAT, A JUSTANE MOD PULL OFFICIAL SHARES HER KINEL PARK PICES VALVE. SHORT BANDS SHEEK KINEL PARK PICES VALVE. HUTTER LOS ASSISSION, A JUSTANE MAN CHECK VALVE. HUTTER LOS ASSISSION, A JUSTANE MAN CHECK VALVE. HUTTER LOS ASSISSION, A JUSTANE MAN CHECK VALVE. SHORT BANDS NOTTE. HUTTER LOS ASSISSION, A JUSTANE MAN CHECK VALVE. SHORT BANDS NOTTE. HUTTER LOS ASSISSION, A JUSTANE MAN CHECK VALVE. SHARES SHEEK KINEL, DRAIN CHECK VALVE. SHARES SHEEK COUNTY OF THE SHARES WAS CARREST AND CHECK VALVE. SHARES SHEEK COUNTY OF THE SHARES WAS CARREST AND CHECK VALVE. SHARES SHEEK COUNTY OF THE SHARES WAS CARREST AND CHECK VALVE. SHARES SHARES SHEEK COUNTY OF THE SHARES WAS CARREST AND CHECK VALVE. AND IT PRESSURE REQUESTING CHECK	(0.5)	TURF ROTOR, 6.0" POP-UP. ADJUSTABLE AND FULL CIRCLE. STAINLESS STEEL RISER. DRAIN CHECK VALV	'E.	30	0.36	17'	I/IP502
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TURN ROOM, ACT POPULY ADJUSTABLE AND FULL CINCLES STANDARD MOZILE THE MODIE, ACT POPULY ADJUSTABLE AND FULL CINCLES STANDARD MOZILE THE MODIE, ACT POPULY ADJUSTABLE AND FULL CINCLES STANDARD MOZILE STANDARD MOZILE THE MODIE, ACT POPULY ADJUSTABLE AND FULL CINCLES STANDARD MOZILE STANDARD MOZILE MANUFACTURITY MODIT POPULY FOR COMMERCIAL ADDICATIONS IN THAT IN THE WAY WITH MOSILE AND FULL COMMERCIAL DEPROCOM WIDE FLOW DEPP CONTROL KT FOR COMMERCIAL ADDICATIONS IN THAT IN ANY WITH MOSILE AND FULL COMMERCIAL DEPROCOM BEST FULL OF STANDARD MODIE RANGED DEPO STANDARD MODIE COMMERCIAL DEPO STANDARD MODIE TO MODIE FOR STANDARD MODIE FOR MODIE TO MODIE FOR MODIE FOR MODIE FOR MODIE TO MODIE FOR STANDARD MODIE FOR MODIE TO MODIE FOR STANDARD MODIE FOR MODIE TO MODIE FOR MODIE FOR MODIE FOR MODIE TO MODIE FOR MODIE TO MODIE FOR MODIE TO MODIE FOR MODIE FOR MODIE TO MODIE FOR MODIE TO MODIE FOR MODIE FOR MODIE TO MODIE FOR MODIE TO MODIE FOR MODIE TO MODIE FOR MODIE TO MODIE FOR MODIE FOR MODIE TO MODIE TO MODIE FOR MODIE TO MODIE TO MODIE FOR M	₹.◊	TURF ROTOR, 6.0" POP-UP. ADJUSTABLE AND FULL CIRCLE. STAINLESS STEEL RISER. DRAIN CHECK VALV	Æ.	30	2.50	23'	I/IP502
THE ROOM, OF POPULE, AUDISTAND AND CHECK WAVE. STANDARD ROOTE. STANDARD ROOTE. MANUFACTURER/MODEL/DESCRIPTION PART BY DEVELOPMENDOM. DEFAIL PART BY DEVELOPMENDOM. DEPAIL PART BY DEVELOPMENDOM. DEPAIL PRESSURE SEGULATING APPS CORMANICAL APPECATIONS OF THAIL MANY BY WITH PIPES AVAILY AND IT PRESSURE SEGULATING APPS QUARK CHECK BASE HITELS, ASSIMIL DO YEARING AND	Q4	TURF ROTOR, 6.0" POP-UP. ADJUSTABLE AND FULL CIRCLE. STAINLESS STEEL RISER. DRAIN CHECK VALV	Έ.	50	4.30	41'	I/IP502
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WIDE FOW DRY CONTROL KIT FOR COMMERCIAL APPLICATIONS. IT PAIL VALVE WITH IT PERS VALVE AND IT PRESSURE REQULATION ONTO QUESCICIECY BASET FIRST GOOD AT 20 CAME AND CONTROL VALVES & APART, MILL RAIN BERD X-CL SOCRATO TO CONTROL VALVE WITH TWO OTHERS IS APART, MILL PRIME REPORT OF COMMERCIAL ORD CONTROL VALVE WITH TWO IT PRESSURE REQULATION (MPS) QUICK-CLECK BASET FILTERS IN OW PANNET IN SUCK. COMMERCIAL DRY ZONES. 1-1/2 PESS VALVE WITH TWO IT PRESSURE REQULATION (MPS) QUICK-CLECK BASET FILTERS IN OW PANNET IN SUCK. COMMERCIAL DRY ZONES. 1-1/2 PESS VALVE WITH TWO IT PRESSURE PROJUCTION (MPS) QUICK-CLECK BASET FILTERS IN OW PANNET IN SUCK. COMMERCIAL DRY ZONES. 1-1/2 PESS VALVE WITH TWO IT PRESSURE PROJUCTION (MPS) PRE TRANSITION PROINT ROOM PINC LATERAL TO DRIP TRESSURE COMPUTABILING INTERPOLATION. AREA TO RECEIVE DRYP PMITTERS RAIN BERD PCT TRESSURE COMPUTABILING INTERPOLATION. AREA TO RECEIVE DRYP PMITTERS RAIN BERD PCT TRESSURE COMPUTABILING INTERPOLATION. AREA TO RECEIVE DRYP PMITTERS RAIN BERD PCT TRESSURE COMPUTABILING INTERPOLATION. AREA TO RECEIVE DRYP PMITTERS RAIN BERD PCT TRESSURE COMPUTABILING INTERPOLATION. AREA TO RECEIVE DRYP PMITTERS RAIN BERD PCT TRESSURE COMPUTABILING INTERPOLATION. AREA TO RECEIVE DRYP PMITTERS RAIN BERD PCT TRESSURE COMPUTABILING INTERPOLATION. AREA TO RECEIVE DRYP PMITTERS RAIN BERD PCT TRESSURE COMPUTABILING INTERPOLATION. DO RESEARCH THE RESPONSIVE OF A CCESSING RAIN BRIP PM TRESSURE IN SAID TO THE COMPUTABILISM. ADDITIONAL LATERALS ARE REQUIRED OF A CCESSING RAIN BRIP PM TRESSURE IN SAID TO THE COMPUTABILISM. ADDITIONAL LATERALS ARE REQUIRED OF A CCESSING RAIN BRIP PM TRESSURE IN SAID TO THE COMPUTABILISM. CREWNOLD DRYP PW CREWNOLD BOYLERY OF THE PMITTER OF THE COMPUTABILISM. CREWNOLD DRYP PW CREWNOLD SOLD PMITTERS RAIN BRIP PMITTERS RECEIVED TO THE COMPUTABILISM. THE PRODUCT OF THE RESPONSIVE OF THE PMITTER. AND THE PMITTER COMPUTABILISM. THE PMITTER COMPUTABILISM. AND THE PMITTER.	Symbol	MANUFACTURER/MODEL/DESCRIPTION					DETAIL
HICH FLOW CONTROL ZONE KIT, FOR LARCE COMMERCIAL DRIP ZONES, 1-1/2* PERS WAVE WITH INO IT PRESSURE REQUIXITIES (AVIS) OUCK CHECK MASKE FILLERS FLOW MANUES (AVIS) OUCK CHECK PIPE TRANSITION POINT BOOM PYCL LAFEAL TO DRIP TURING WITH RISER ON ABOVE CRADE INSTALLATION. AREA TO RECEIVE PRIP PHITTERS RAN BRD TO RESEARCH PHESSIBLE COMPENSATING THEADOD BUTTER, 7 CPH MODEL WITH 1/2* PRIT THEADOD INHER ATTACH TO A HUNTER HIS RISE (HIS RESE 2-2) WITH A HUNTER 3/8* X 1/2* MPI TIL PLIEST PHITTERS (1) AND ALL HOUSE CONTROL VALVE NOT ALL THEASTS ARE REQUIRED FOR ACCESSING RACH PART PHITTERS RAN BRD TO RESEARCH RAN BRD TO		WIDE FLOW DRIP CONTROL KIT FOR COMMERCIAL APPLICATIONS. 1" BALL VALVE WITH 1" PESB VALVE AND 1" PRESSURE REGULATING 40PSI QUICK-CHECK BASKET FILTER. 0.3GPM TO 20GPM.SPACE ALL					D/IP502
PPE TRANSITION POINT FROM PLATERAL TO DRIP TUBING WITH RISER TO AROVE CRADE INSTALLATION. AREA TO RECEIVE DRIP EMITTERS RAIN BRD PCT RESIDENCE PRESNATING THREAGED BETTER. 7 GPH PRESSURE PCT	•	HIGH FLOW CONTROL ZONE KIT, FOR LARGE COMMERCIAL DRIP ZONES. 1-1/2" PESB VALVE WITH TWO 1" PRESSURE REGULATING (40PSI) QUICK-CHEC BASKET FILTERS. FLOW RANGE: 15-40GPM. SPACE AL					D/IP502
PRESSURE COMPENSATING THREADED EMITTER. 7 GPH MODEL WITH 1/2" FPT THREADED INLET. ATTACH TO A HUNTER HIRSER (H-RESP-24) WITH A HUNTER 3/8" X 1/2" MPT HIRTING (IT FIT 3850) AND A HUNTER CV SCREEN CAPABLE OF HOLDING 9" OF HEAD PRESSURE. NOT ALL LATERALS ARE SHOWN ON PILANS. ADDITIONAL LATERALS ARE REQUIRED FOR ACCESSING EACH PLANT. Emitter Notics: 07 gph emitters [1 assigned to each 1 gal plant] 07 gph emitters [2 assigned to each 3 gal plant] 07 gph emitters [2 assigned to each 3 gal plant] 07 gph emitters [2 assigned to each 3 gal plant] 07 gph emitters [2 assigned to each 3 gal plant] 07 gph emitters [2 assigned to each 3 gal plant] 07 gph emitters [2 assigned to each 3 gal plant] 08 GRISWOLD DWS-PRV REASS, INLINE, ON-OPE, SOLENOID CONTROL VALVE, NORMALIX CLOSED, AVALABLE IN 3/4", 1", 1", 1", 4", 1", 1", 1", 2", AND 2", IDEAL FOR USE WITH RECLAMAED OR "DITT" WANTER, SELF-CLEANING, SIOVACLOSING AND OPENING HATURE, PRESSURE REPUICING, SPACE ALL CONTROL VALVES 5" APART, MIN. 4 HUNTER ICV. G BSP DC 1", 1", 1", 2", 2", AND 3" PLASTIC HECTRIC REMOTE CONTROL VALVES 5" APART, MIN. 5 HUNTER ICV. G BSP DC 1", 1", 1", 2", 2", AND 3" PLASTIC HECTRIC REMOTE CONTROL VALVES 5" APART, MIN. 6 HUNTER ICV. G BSP DC 1", 1", 1", 2", 2", AND 3" PLASTIC HECTRIC REMOTE CONTROL VALVES 5" APART, MIN. 7 RAIN BIRD 44-LRC 1" BRASS QUICK COUPLING VALVE, WITH CORNOSION-RESISTANT STANLESS STEEL SPRING, LOCKING THERMOPLASTIC RUBBER COVER, AND 2-PIECE BODD. SPACE ALL CONTROL VALVES 5" APART, MIN. 8 GRISWOLD SOLATOR 8 BRASS DWS VALVE WITH UNION BALL VALVE, INCLUDES PILIC IN BOSS, 3978 1/2" THROUGH 2", INSTALLS AME 3" ASSIST VALVE WITH UNION BALL VALVE ARE DEAL FOR DITTY WATER APPLICATIONS. 8 PLAST OR DITTY WATER APPLICATIONS. 9 STANSTER VALVE CLAVAL 2 136G OLASSIC, DJS. 150° FLANGED DE ENERGIZED TO OPEN MASTER VALVE W/24VAC/GORT SOLENOID 1 PLOCED PRESSURE BACKFLOW PREVENTER 1 PUBLIC WORKS PLANCHECK #1	②	PIPE TRANSITION POINT FROM PVC LATERAL TO DRIP					L/IP502
GRISWOLD DWS-PRV BRASS, IN-LINE, ON-OFF, SOLENOID CONTROL VALVE, NORMALLY CLOSED, AVAILABLE IN 3/4", 1", 1-1/4", 1-1/2", AND 2". IDEAL FOR USE WITH RECLAIMED OR "DIRTY" WATER, SELF-CLEANING, SLOW-CLOSING AND OPENING FEATURE, PRESSURE REDUCING, SPACE ALL CONTROL VALVES 5" APART, MIN. HUNTER ICV-G-BSP-DC 1", 1-1/2", 2", AND 3" PLASTIC ELECTRIC REMOTE CONTROL VALVES, GLOBE CONFIGURATION, WITH BSP THREADED INLET/OUTLET, FOR COMMERCILL/MUNICIPAL USE, WITH DC LATCHING SOLENOID FACTORY, INSTALLED OPTION, SPACE ALL CONTROL VALVES 5" APART, MIN. RAIN BIRD 44-IRC 1" BRASS QUICC-COUPLING VALVE, WITH CORROSION-RESISTANT STAINLESS STEEL SPRING, LOCKING THERMOPLASTIC RUBBER COVER, AND 2-PIECE BODY, SPACE ALL CONTROL VALVES 5" APART, MIN. GRISWOLD ISOLATOR B BRASS DWS VALVE WITH UNION BALL VALVE. INCLUDES PLUG IN BOSS. SIZES 1/2" THROUGH 2", INSTALL SAME SIZE AS IRRIGATION LINE. 100 MESH STAINLESS STEEL STRAINER AND PACKING GLAND BALL VALVE ARE IDEAL FOR DIRTY WATER APPLICATIONS. B/IP501 GE FEBCO 880V 3" REDUCED PRESSURE BACKFLOW PREVENTER 1 A/ PUBLIC WORKS PLAN CHECK #1		RAIN BIRD PCT PRESSURE COMPENSATING THREADED EMITTER. 7 G MODEL WITH 1/2" FIPT THREADED INLET. ATTACH TO A HUNTER IH RISER (IH-RISER-24) WITH A HUNTER 3/8" X 1/2" MPT IH FITTING (IT-FIT-3850) AND A HUNTER CV SCREEN CAPABLE OF HOLDING 9° OF HEAD PRESSU NOT ALL LATERALS ARE SHOWN ON PLANS. ADDTIONAL LATERALS ARE REQUIRED FOR ACCESSII EACH PLANT. Emitter Notes: 07 gph emitters (1 assigned to each 1 gal plant) 07 gph emitters (2 assigned to each 5 gal plant) 07 gph emitters (2 assigned to each 15 gal plant)	ς RE.				L/IP502
BRASS, IN-LINE, ON-OFF, SOLENOID CONTROL VALVE, NORMALLY CLOSED, AVAILABLE IN 3/4", 1", 1-1/4", 1-1/2", AND 2". IDEAL FOR USE WITH RECLAIMED OR "DIRTY" WATER, SELF-CLEANING, SLOW-CLOSING AND OPENING FEATURE, PRESSURE REDUCING. SPACE ALL CONTROL VALVES 5" APART, MIN. HUNTER ICV-G-BSP-DC 1", 1-1/2", 2", AND 3" PLASTIC ELECTRIC REMOTE CONTROL VALVES, GLOBE CONFIGURATION, WITH BSP THREADED INLET/OUTLET, FOR COMMERCIAL/MUNICIPAL USE. WITH DC LATCHING SOLENOID FACTORY INSTALLED OPTION. SPACE ALL CONTROL VALVES 5" APART, MIN. RAIN BIRD 44-LRC 1" BRASS QUICK-COUPLING VALVE, WITH CORROSION-RESISTANT STAINLESS STEEL SPRING, LOCKING THERMOPLASTIC RUBBER COVER, AND 2-PIECE BODY. SPACE ALL CONTROL VALVES 5" APART, MIN. GRISWOLD ISOLATOR B BRASS DWS VALVE WITH UNION BALL VALVE. INCLUDES PLUG IN BOSS. SIZES 1/2" THROUGH 2", INSTALL SAME SIZE AS IRRIGATION LINE. 100 MESH STAINLESS STEEL STRAINER AND PACKING GLAND BALL VALVE ARE IDEAL FOR DIRTY WATER APPLICATIONS. B/IP501 BF BECO 880V 3" A/IP501 FEBCO 880V 3" A/IP501 A/IP501	SYMBOL	MANUFACTURER/MODEL/DESCRIPTION					DETAIL
I", 1-1/2", 2", AND 3" PLASTIC ELECTRIC REMOTE CONTROL VALVES, GLOBE CONFIGURATION, WITH BSP THREADED INLET/OUTLET, FOR COMMERCIAL/MUNICIPAL USE. WITH DC LATCHING SOLENOID FACTORY INSTALLED OPTION. SPACE ALL CONTROL VALVES 5" APART, MIN. RAIN BIRD 44-LRC I" BRASS QUICK-COUPLING VALVE, WITH CORROSION-RESISTANT STAINLESS STEEL SPRING, LOCKING THERMOPLASTIC RUBBER COVER, AND 2-PIECE BODY. SPACE ALL CONTROL VALVES 5" APART, MIN. GRISWOLD ISOLATOR B BRASS DWS VALVE WITH UNION BALL VALVE. INCLUDES PLUG IN BOSS. SIZES 1/2" THROUGH 2", INSTALL SAME SIZE AS IRRIGATION LINE. 100 MESH STAINLESS STEEL STRAINER AND PACKING GLAND BALL VALVE ARE IDEAL FOR DIRTY WATER APPLICATIONS. B/IP501 3" MASTER VALVE CLA-VAL 2-136G-01ASKC-D/S-150# FLANGED DE-ENERGIZED TO OPEN MASTER VALVE W/ 24VAC/60HZ SOLENOID BF FEBCO 880V 3" REDUCED PRESSURE BACKFLOW PREVENTER		BRASS, IN-LINE, ON-OFF, SOLENOID CONTROL VALV NORMALLY CLOSED, AVAILABLE IN 3/4", 1", 1-1/4", 1-1/2", AND 2". IDEAL FOR USE WITH RECLAIMED OR "DIRTY" WATER, SELF-CLEANING, SLOW-CLOSING AN OPENING FEATURE. PRESSURE REDUCING. SPACE AL	D				C/IP502
1" BRASS QUICK-COUPLING VALVE, WITH CORROSION-RESISTANT STAINLESS STEEL SPRING, LOCKING THERMOPLASTIC RUBBER COVER, AND 2-PIECE BODY. SPACE ALL CONTROL VALVES 5' APART, MIN. GRISWOLD ISOLATOR B BRASS DWS VALVE WITH UNION BALL VALVE. INCLUDES PLUG IN BOSS. SIZES 1/2" THROUGH 2", INSTALL SAME SIZE AS IRRIGATION LINE. 100 MESH STAINLESS STEEL STRAINER AND PACKING GLAND BALL VALVE ARE IDEAL FOR DIRTY WATER APPLICATIONS. 3" MASTER VALVE CLA-VAL 2-136G-01ASKC-D/S-150# FLANGED DE-ENERGIZED TO OPEN MASTER VALVE W/ 24VAC/60HZ SOLENOID BE FEBCO 880V 3" REDUCED PRESSURE BACKFLOW PREVENTER A/IP501 PUBLIC WORKS PLAN CHECK #1		1", 1-1/2", 2", AND 3" PLASTIC ELECTRIC REMOTE CONTROL VALVES, GLOBE CONFIGURATION, WITH E THREADED INLET/OUTLET, FOR COMMERCIAL/MUNICIPAL USE. WITH DC LATCHING SOLENOID FACTORY INSTALLED OPTION. SPACE ALL					C/IP502
BRASS DWS VALVE WITH UNION BALL VALVE. INCLUDES PLUG IN BOSS. SIZES 1/2" THROUGH 2", INSTALL SAME SIZE AS IRRIGATION LINE. 100 MESH STAINLESS STEEL STRAINER AND PACKING GLAND BALL VALVE ARE IDEAL FOR DIRTY WATER APPLICATIONS. 3" MASTER VALVE CLA-VAL 2-136G-01ASKC-D/S-150# FLANGED DE-ENERGIZED TO OPEN MASTER VALVE W/ 24VAC/60HZ SOLENOID BF FEBCO 880V 3" REDUCED PRESSURE BACKFLOW PREVENTER 1 PUBLIC WORKS PLAN CHECK #1		1" BRASS QUICK-COUPLING VALVE, WITH CORROSION-RESISTANT STAINLESS STEEL SPRING, LOCKING THERMOPLASTIC RUBBER COVER, AND 2-PIECE BODY. SPACE ALL CONTROL VALVES 5` APA	.RT,				H/IP502
CLA-VAL 2-136G-01ASKC-D/S-150# FLANGED DE-ENERGIZED TO OPEN MASTER VALVE W/ 24VAC/60HZ SOLENOID FEBCO 880V 3" REDUCED PRESSURE BACKFLOW PREVENTER 1 PUBLIC WORKS PLAN CHECK #1	X ¹	BRASS DWS VALVE WITH UNION BALL VALVE. INCLUE PLUG IN BOSS. SIZES 1/2" THROUGH 2", INSTALL SAM SIZE AS IRRIGATION LINE. 100 MESH STAINLESS STEEL STRAINER AND PACKING GLAND BALL VALVE ARE					B/IP502
REDUCED PRESSURE BACKFLOW PREVENTER 1 PUBLIC WORKS PLAN CHECK #1		CLA-VAL 2-136G-01ASKC-D/S-150# FLANGED DE-ENERGIZED	О				B/IP501
811	BF						A/IP501
811		I 1 I ∧	PUBLIC	: WORKS	S PLAN CH	<u>IEC</u> K #1	
DIAL TOLL FREE	011		PUBLIC	WORKS	S PLAN CH	ECK #1	
DIAL TOLL FREE							
		DIAL TOLL FREE					

Know what's **below**.

Call before you dig.

<u>YMBOL</u>	MANUFACTURER/MODEL	<u>ARC</u>	<u>PSI</u>	<u>GPM</u>	RADIUS	DETAIL
			^^		~'	
С	RAIN MASTER EGP-TW-S 2-WIRE STAINLESS WALL MOUNT CONTROLLER. PROVIDING A 2-WAY COMMUNICATION LINK BETWEEN THE CONTROLLER, DECODERS AND VALVES.					D/IP501
FS	FLOW SENSOR BADGER METER 228BR2506-1211 DATA INDUSTRIAL FLOW SENSOR					C/IP50
(FI)	EZ-FLO FERTILIZING SYSTEMS EZ025-HC ONE METERING SYSTEM FEEDS ALL ZONES, DRIP OR SPRINKLER. 25 GALLON EZ-FLO W/ HFC-400 4-INCH HI-FLO COUPLING & BALL VALVE. INSTALL DIRECTLY IN THE IRRIGATION SYSTEM MAIN LINE AFTER THE BACK FLOW PREVENTER. TANK CAPACITY: 25 GALLONS.					
F2	EZ-FLO FERTILIZING SYSTEMS EZ025-HC ONE METERING SYSTEM FEEDS ALL ZONES, DRIP OR SPRINKLER. 25 GALLON EZ-FLO W/ HFC-400 4-INCH HI-FLO COUPLING & BALL VALVE. INSTALL DIRECTLY IN THE IRRIGATION SYSTEM MAIN LINE AFTER THE BACK FLOW PREVENTER. TANK CAPACITY: 25 GALLONS.					
M	WATER METER 3" SERVICE FOR IRRIGATION					
M2	WATER METER 3/4" DOMESTIC WATER SERVICE					
	IRRIGATION LATERAL LINE: PVC SCHEDULE 40					
	IRRIGATION MAINLINE: PVC SCHEDULE 80 ALL MAIN LINE PIPE TO HAVE GASKETED FITTINGS					
=====	PIPE SLEEVE: PVC SCHEDULE 80 TYPICAL PIPE SLEEVE FOR IRRIGATION PIPE. PIPE SLEEVE SIZE SHALL ALLOW FOR IRRIGATION PIPING AND THEIR RELATED COUPLINGS TO EASILY SLIDE THROUGH SLEEVING MATERIAL. EXTEND SLEEVE 18 INCHES BEYOND EDGES OF PAVING OR CONSTRUCTION.					

COMPLIANCE WITH MWELO

- 1. PROJECT INFORMATION SEE COVER PAGE OF THIS DRAWING SET FOR ALL INFORMATION INCLUDING, DATE, PROJECT APPLICANT AND OWNER, AND ADDRESS
- 1.1. TOTAL LANDSCAPE AREA: 5,387 SQ. FT. SHRUBS GROUNDCOVER AND TREES - 99,429 SQ. FT. 4. CERTIFICATE OF FINAL COMPLETION (MWELO SECTION 492.9) TURF - 119,893 SQ. FT.
- 2. PROJECT TYPE NEW CONSTRUCTION
- 3. WATER SUPPLY POTABLE
- 4. CHECKLIST OF ALL DOCUMENTS IN LANDSCAPE DOCUMENT PACKAGE: X LANDSCAPE DESIGN PLAN - INCLUDED IN THESE
 - LANDSCAPE DRAWINGS LANDSCAPE DRAWINGS
- X GRADING DESIGN PLAN PER CIVIL SHEETS 5. WATER BUDGET CALCULATIONS (MAWA) AND (ETWU). SEE
- THIS SHEET. 6. I HAVE COMPLIED WITH THE CRITERIA IN MWELO AND APPLIED THEM FOR THE EFFICIENT USE OF WATER IN THE IRRIGATION/DESIGN PLAN

LANDSCAPE ARCHITECT | CA LICENSE NUMBER #6210

CONTRACTOR IS RESPONSIBLE FOR THE FOLLOWING ITEMS:

- https://water.ca.gov/LegacyFiles/wateruseefficiency/ landscapeordinance/docs
- /Title%2023%20extract%20-%20Official%20CCR%20pages.pdff 1. COMPOSTING
- Incorporate compost at a rate of at least four cubic yards per 1,000 square feet to a depth of six inches into landscape area - unless contra-indicated by a soils
- report. 2. PLANT MATERIAL
 - For residential areas, install climate adapted plants that require occasional, little or no summer water (average WUCOLs plant factor 0.3) for 75% of the plant area excluding edibles and areas using recycled
- water. 3. IRRIGATION SYSTEM
 - Shall comply with the following: Automatic irrigaiton controllers are required and must use evapotranspiration or soil moisture sensor data and utilize a rain sensor.
 - Irrigation controllers shall be a type which does not lose programming data in the event the primary power source is interrupted.
 - Pressure regulators shall be installed on the irrigation system to ensure the dynamic pressure of the system is within the manufactures recommended pressure
 - All irrigation emision dvices must meet the requirements set in the ANSI standard, ASABE/ICC 802-2014 "Landscape Irrigation Sprinkler and Emitter Standard," All sprinkler heads installed in the landscape must document a distribution uniformity low quarter of 0.65 or higher using the protocol defined in ASABE/ICC

802-2014.

Areas less than ten (10) feet in width in any direction shall be irrigated with subsurface irrigation or other means that produces no runoff or overspray.

- At the time of final inspection, the CONTRACTOR must provide the owner of the property with a certificate of completion for review/approval by the Building and Safety Division prior to final occupancy of the project (see MWELO Appendix C for sample). The Certificate of Completion shall contain, at a minimum, the following: Project Information
- Certification by either the signer of the landscape design plan, the singer of the irrigation design plan, or the licensed landscape contractor that the landscape project has been installed per the approved Landscape Documentation Package (Notes: Where significant changes have been made in the field during installation, an "as-built" plan shall be included with the certification. A diagram of the irrigation plan showing hydrozones shall be kept with the irrigation controller for subsequent management
- Irrigation scheduling parameters used to set the controller (see MWELO Section 492.10)
- Landscape and irrigation maintenance schedule (see MWELO Section 492.11)
- Irrigation audit report (see MWELO Section 492.12)

PREPARED BY:

Soil analysis report

IRRIGATION NOTES

- A. IRRIGATION PLAN IS DIAGRAMMATIC. CONTRACTOR SHALL DETERMINE FINAL LOCATION OF PIPING AT THE TIME OF INSTALLATION. MAINLINE AND LATERALS SHALL BE PLACED IN THE SAME TRENCH WHEN POSSIBLE. ALL Q.C. VALVES ARE TO BE LOCATED 12" FROM SIDEWALKS, CURBS, ASPHALT & CONCRETE SURFACES.
- B. ALL EQUIPMENT REQUIRED BUT NOT SPECIFIED ON THE DRAWING TO COMPLETE THE WORK SHALL BE PROVIDED BY THE IRRIGATION CONTRACTOR.
- C. INSTALL ALL EQUIPMENT IN ACCORDANCE WITH MANUFACTURER'S INSTRUCTIONS AND SPECIFICATIONS.
- D. WORK SHALL BE DONE IN ACCORDANCE WITH THIS SET OF CONSTRUCTION DOCUMENTS.
- E. CONTRACTOR SHALL BECOME THOROUGHLY FAMILIAR WITH THE PLANS AND SITE CONDITIONS PRIOR TO BEGINNING WORK. SHOULD CONFLICTING INFORMATION BE FOUND ON THE PLANS, THE CONTRACTOR SHALL NOTIFY THE PROJECT LANDSCAPE ARCHITECT BEFORE PROCEEDING WITH THE WORK IN QUESTION.
- F. DO NOT WILLFULLY INSTALL THE IRRIGATION SYSTEM AS SHOWN ON THE DRAWINGS WHEN IT IS OBVIOUS IN THE FIFLD THAT OBSTRUCTIONS, GRADE DIFFERENCES OR DIFFERENCES IN THE AREA DIMENSIONS EXIST THAT MIGHT NOT HAVE BEEN CONSIDERED IN THE ENGINEERING. SUCH OBSTRUCTIONS OR DIFFERENCES SHOULD BE BROUGHT TO THE ATTENTION OF THE LANDSCAPE ARCHITECT. IN THE EVENT THIS NOTIFICATION IS NOT PERFORMED, THE CONTRACTOR SHALL ASSUME FULL RESPONSIBILITY FOR ANY REVISIONS NECESSARY AT NO EXPENSE TO THE DISTRICT.
- G. CONTRACTOR SHALL SLEEVE UNDER PAVING PER PLANS AND SPECIFICATIONS. ALL SLEEVES UNDER PAVING SHALL RECEIVE IDENTIFYING MARK ON TOP OF CONCRETE. EXTEND ALL SLEEVES 18" BEYOND EDGE OF PAVING.
- H. SPLICING OF 24 VOLT WIRES WILL NOT BE PERMITTED EXCEPT IN VALVE BOXES. LEAVE A 24" COIL OF EXCESS WIRE AT EACH SPLICE. LABEL ALL WIRES W/ WATERPROOF MARKERS AT ALL SPLICES AND VALVE MANIFOLDS.
- I. ALL EXISTING UTILITIES, WATER LINES AND FIRE HYDRANTS SHALL REMAIN CONNECTED AND IN FULL CONTINUOUS OPERATION DURING AND FOLLOWING ALL CONTRACT WORK.
- CONTRACTOR SHALL NOT INSTALL ANY PLANTING UNTIL THE FOLLOWING ARE COMPLETED:
 - 1. THE IRRIGATION SYSTEM IS FULLY OPERATIONAL. 2. HYDROSTATIC PRESSURE TESTS HAVE BEEN PERFORMED ON MAIN AND
 - LATERAL LINES.
 - 3. ALL ZONES HAVE PASSED A COVERAGE TEST. 4. CONTROLLERS ARE FULLY OPERATIONAL.
- EXISTING IRRIGATION SYSTEM WITHIN AND OUTSIDE THE PROJECT LIMITS
- SHALL REMAIN OPERATIONAL DURING CONSTRUCTION. REPAIR AND REPLACE ANY EQUIPMENT DAMAGED DURING CONSTRUCTION.
- N. PROVIDE SPARE WIRE(S) TO EACH REMOTE CONTROL VALVE CLUSTER AS FOLLOWS:
- 1. VALVE CLUSTERS OF 1 TO 3 VALVES: 1 SPARE WIRE. 2. VALVE CLUSTERS OF 4 OR MORE VALVES: 2 SPARE WIRES.
- O. ALL TRENCHING AND EQUIPMENT SHALL BE OUTSIDE OF OAK TREE PROTECTION ZONE

TWO-WIRE IRRIGATION NOTES

- A. ALL VALVES LOCATED TO BE INSTALLED ON A 2-WIRE LOOP AND RECEIVE DECODER MODULES.
- B. ALL 2-WIRE SHALL BE IN CONDUIT AND SHALL BE LOCATED ALONG ALL IRRIGATION MAINLINE, TYPICAL.
- C. TWO WIRE PATH SHALL BE PAIGE CABLE P-7354-D OR HUNTER REGENCY CABLE. MAXIMUM TOTAL OF ALL RUNS IS 7,000 FEET.
- D. ALL CONTROL WIRES LEADING FROM VALVES TO CONTROLLER SHALL BE LOOPED-UP A MINIMUM OF 30" INTO EVERY VALVE BOX INTERCEPTED ON THE WAY TO THE CONTROLLER. WIRE SHALL BE POLYETHYLENE DOUBLE-JACKETED OR UF-B UL PVC DOUBLE-JACKETED TWO-CONDUCTOR SOLID CORE DESIGN FOR DIRECT BURIAL WITH INSULATION 싶" (.060") THICK, HIGH DENSITY, SUNLIGHT RESISTANT INCASED IN AN OUTER JACKET OF POLYETHYLENE OR PVC CONFORMING TO ICEA S-GL-402 OR NEWA WC5, HAVING A MINIMUM WALL THICKNESS OF .045 INCHES. ALL WIRE INSULATION SHALL BE INTACT AND FREE OF NICKS AND CUTS (TWO-WIRE POLYETHYLENE "TWISTED" CABLE DOES NOT CONFORM TO THESE SPECIFICATIONS). ALL WIRE CONNECTIONS NEED TO BE ABSOLUTELY WATER TIGHT. EACH CONTROLLER SHALL HAVE A DIFFERENT WIRE JACKET COLOR, AND THAT COLOR SHALL BE INDICATED BY CONTRACTOR ON THE AS-BUILT DRAWINGS.
- ATTACHING DECODERS: TWIST WIRES TO PROVIDE A SOLID MECHANICAL CONNECTION BEFORE SECURING THE ATTACHMENT BY ADDING THE WIRE NUT IN THE GEL-FILLED CAP. CONTRACTOR SHALL ADHERE TO ALL LOCAL AND NATIONAL BUILDING AND ELECTRICAL CODES.
- CONTRACTOR SHALL PROVIDE ONE OR MORE DECODER MODULES AT EACH VALVE OR VALVE BANK IN ORDER TO COMMUNICATE WITH TWO WIRE
- G. MASTER VALVE IS PART OF THE TWO-WIRE PATH, AND REQUIRES A DECODER.
- H. FLOW SENSOR IS NOT PART OF THE TWO-WIRE PATH, AND REQUIRES A DEDICATED CABLE PATH TO THE CONTROLLER.
- CONTROLLER SHALL INSTALL SOFTWARE TO PROVIDE CONNECTIVITY TO CRPD CONTROL SYSTEM, AND CONTAIN ALL MANUFACTURER'S RECOMMENDED ACCESSORIES AND COMPONENTS TO FACILITATE A COMPLETE TWO-WIRE SYSTEM.
- CONTRACTOR SHALL GROUND ALL ELECTRICAL EQUIPMENT INSTALLED IN RELATION TO THE IRRIGATION CONTROL SYSTEM. GROUNDING COMPONENTS WILL INCLUDE, BUT NOT BE LIMITED TO THE FOLLOWING. GROUNDING CIRCUIT FOR CONTROLLERS WILL AT MINIMUM INCLUDE A COPPER CLAD STEEL GROUND ROD, A COPPER GROUND PLATE AND 100 POUNDS/45 KG OF POWERSET® EARTH CONTACT MATERIAL. AT MINIMUM, THE GROUNDING CIRCUIT FOR A DECODER WILL INCLUDE A COPPER GROUND PLATE AND MAY ALSO INCLUDE 50 POUNDS/22KG OF POWERSET® EARTH CONTACT MATERIAL. EARTH GROUND EVERY 12TH DECODER (OR 1,000 FT/330 M) AND END OF WIRE RUNS. INSTALL ALL GROUNDING PER MANUFACTURER'S INSTRUCTIONS.

FERTIGATION SYSTEM

- A. INSTALL EZ-FLO FERTILIZING SYSTEMS EZ025-HC QTY: (2) 25 GALLON EZ-FLO W/ HFC-400 4-INCH HI-FLO COUPLING & BALL VALVE. EZ-FLO CONTACT JEFF GILMORE 916-652-7748 EXT. 13.
- B. FERTIGATION TANKS AND BALL VALVE INSTALLED WITH SEPARATE OVERSIZED
- VALVE BOX PER MANUFACTURER'S INSTRUCTIONS.
- C. INSTALL AFTER MASTER VALVE & BEFORE CONTROL VALVES. D. PROVIDE THE FOLLOWING ORGANIC FERTILIZERS:
- 1. EZG 3-1-2 CORN STEEP LIQUOR (SUGAR)

2. ZG 2-3-1 FISH HYDROLYSATE

MWELO WORKSHEET

WATER EFFICIENT LANDSCAPE WORKSHEET

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

Reference Ev	apotranspira [·]	tion (Eto)	51				
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)
Regular Land	scape Areas			1			
1 - DT Shrubs	0.25	Drip	0.85	0.29	75343	22159.71	700,690
2-DT Trees	0.25	Bubbler	0.8	0.31	1730	540.63	17,095
3-Shrubs	0.3	Spray	0.75	0.40	22356	8942.40	282,759
				Totals	99429	31642.73	1,000,543
Special Lands	scape Areas						
Play Field				1	119893		3,791,017
Edibles				1	0		0
Other				1	0		0
				Totals	119893		3,791,017
						ETWU Total	4,791,560
			Maxi	imum Allowed	Water Allowa	nce (MAWA)	5,205,792

DATE

CITY OF THOUSAND OAKS PUBLIC WORKS DEPARTMENT

IRRIGATION LEGEND AND NOTES

CONEJO CREEK SOUTHWEST PARK PAIGE LANE, THOUSAND OAKS, CA 91362

CITY OF THOUSAND OAKS DWG. NO. 21-12 A

DESIGNED BY 02.08.21 DATE DRAWN BY 02.08.21 DATE HECKED BY 02.08.21 REV. SYMBOL DESCRIPTION OF CHANGE R.C.E. DATE P.D.E. DATE DATE





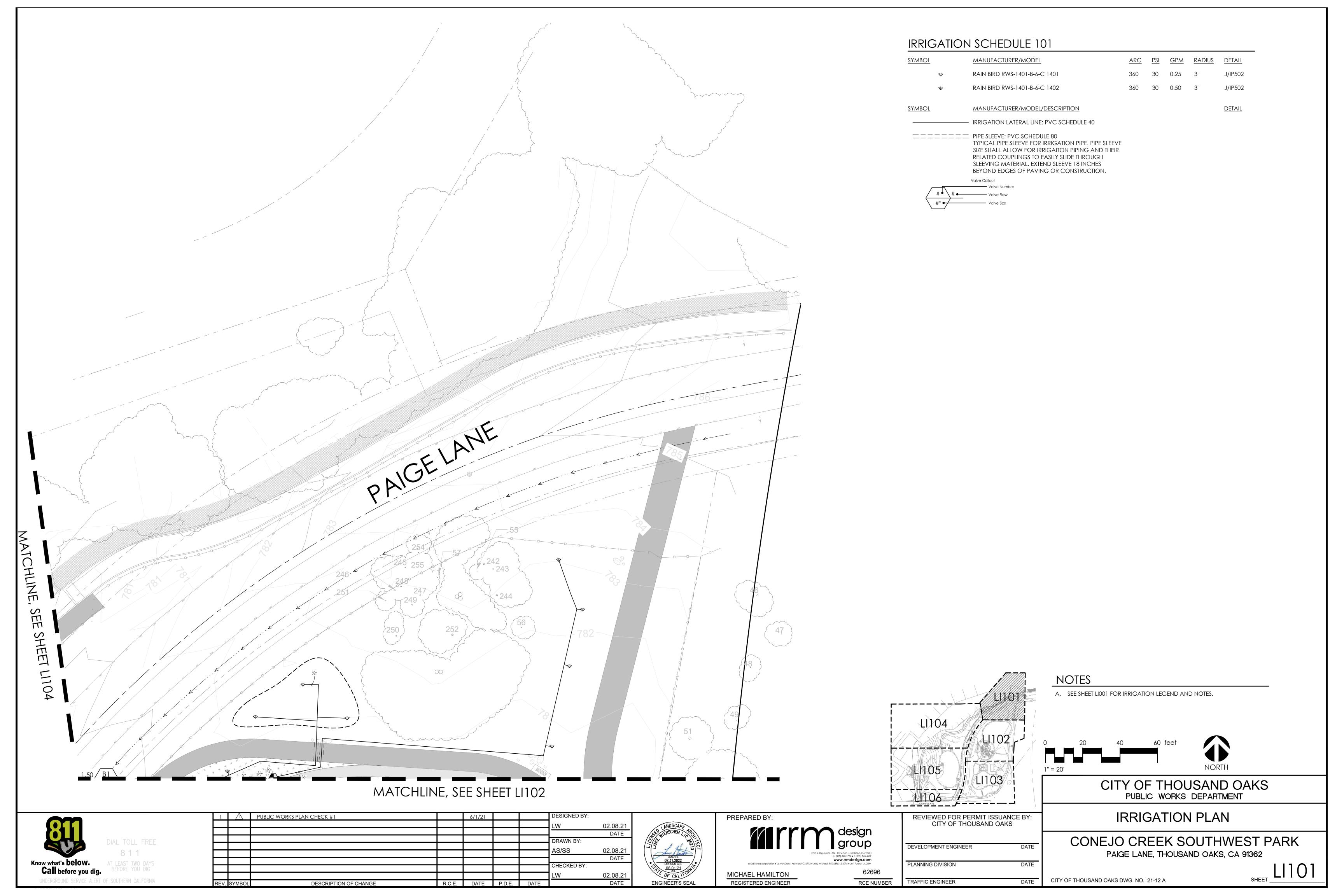
REGISTERED ENGINEER

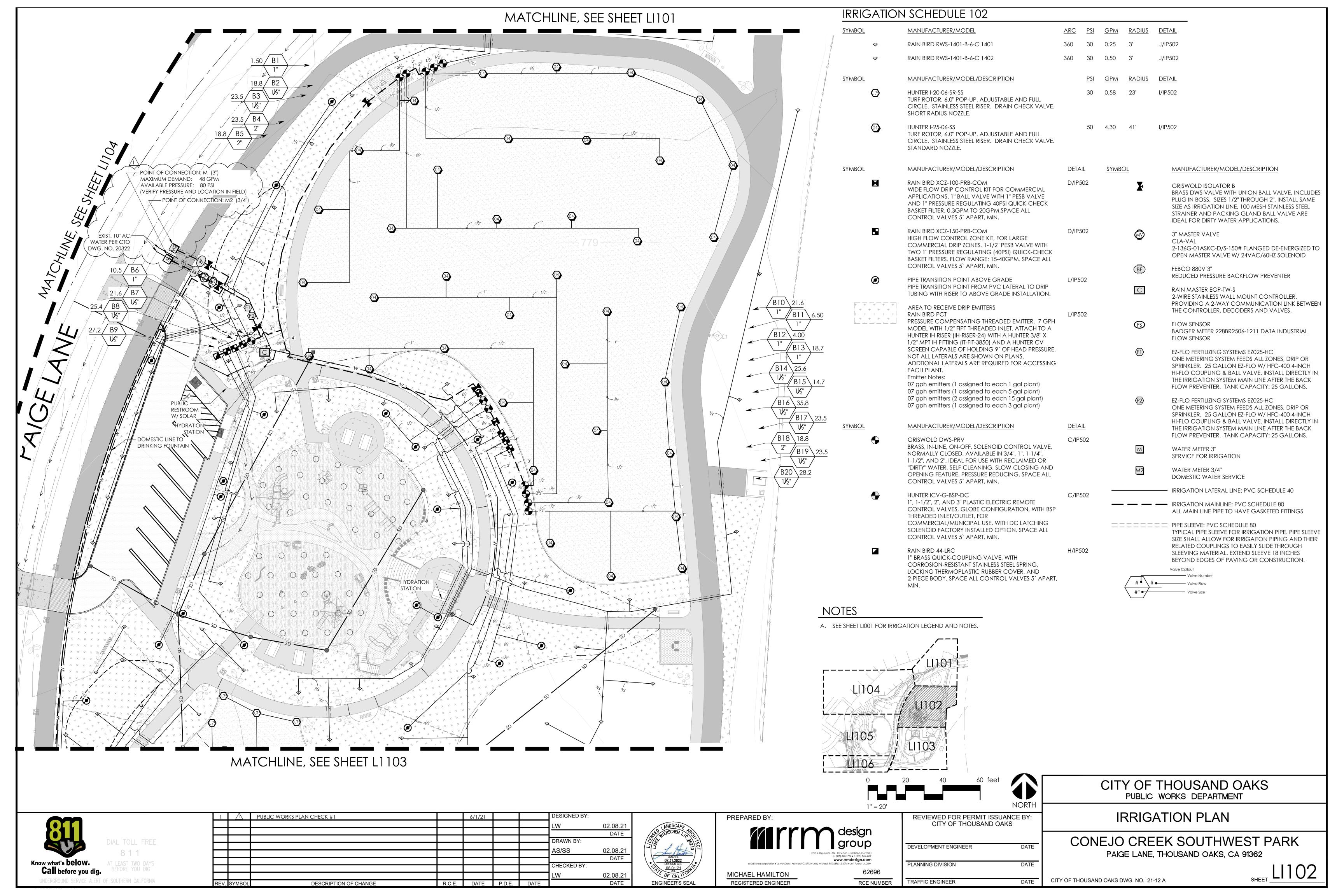
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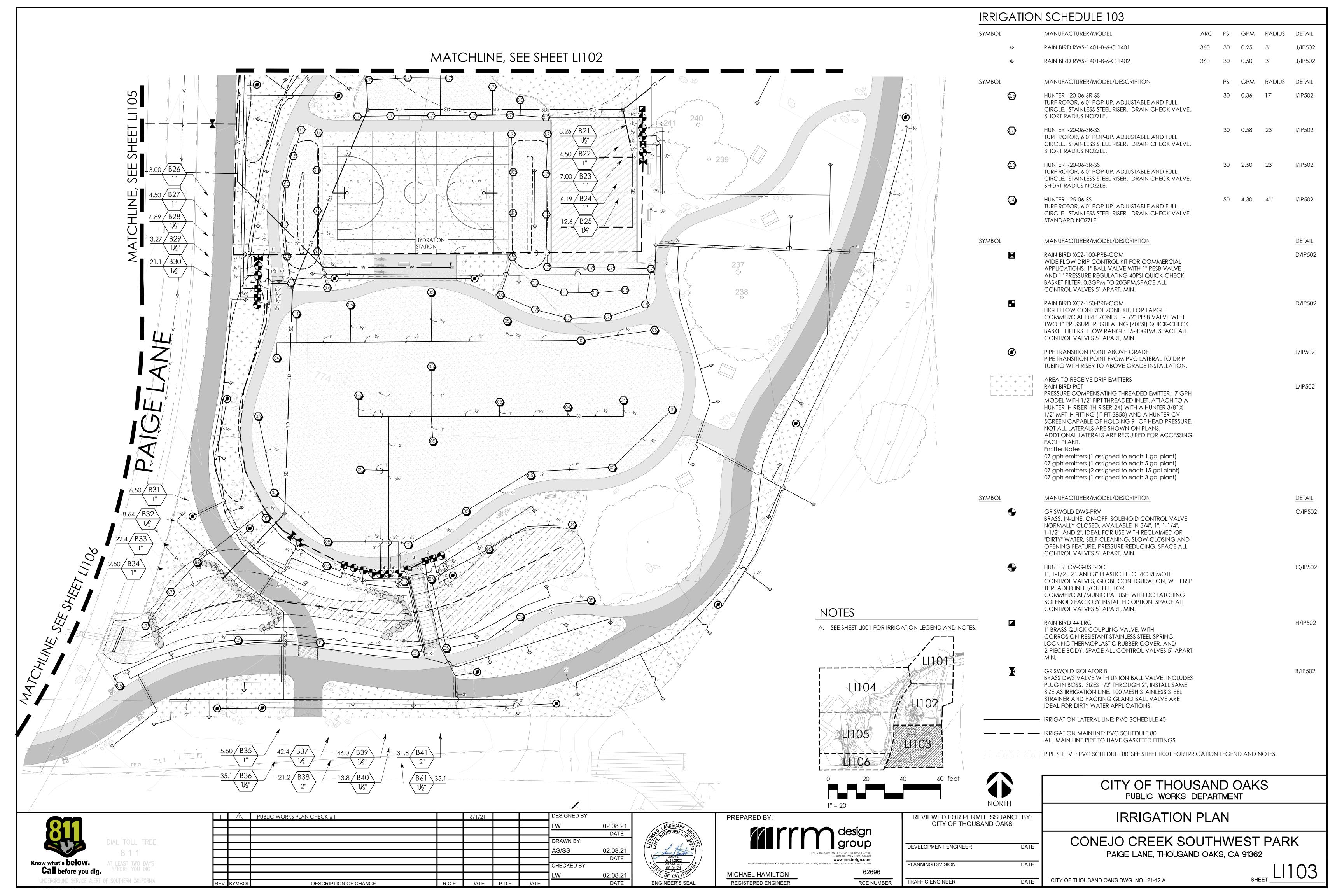
PLANNING DIVISION TRAFFIC ENGINEER

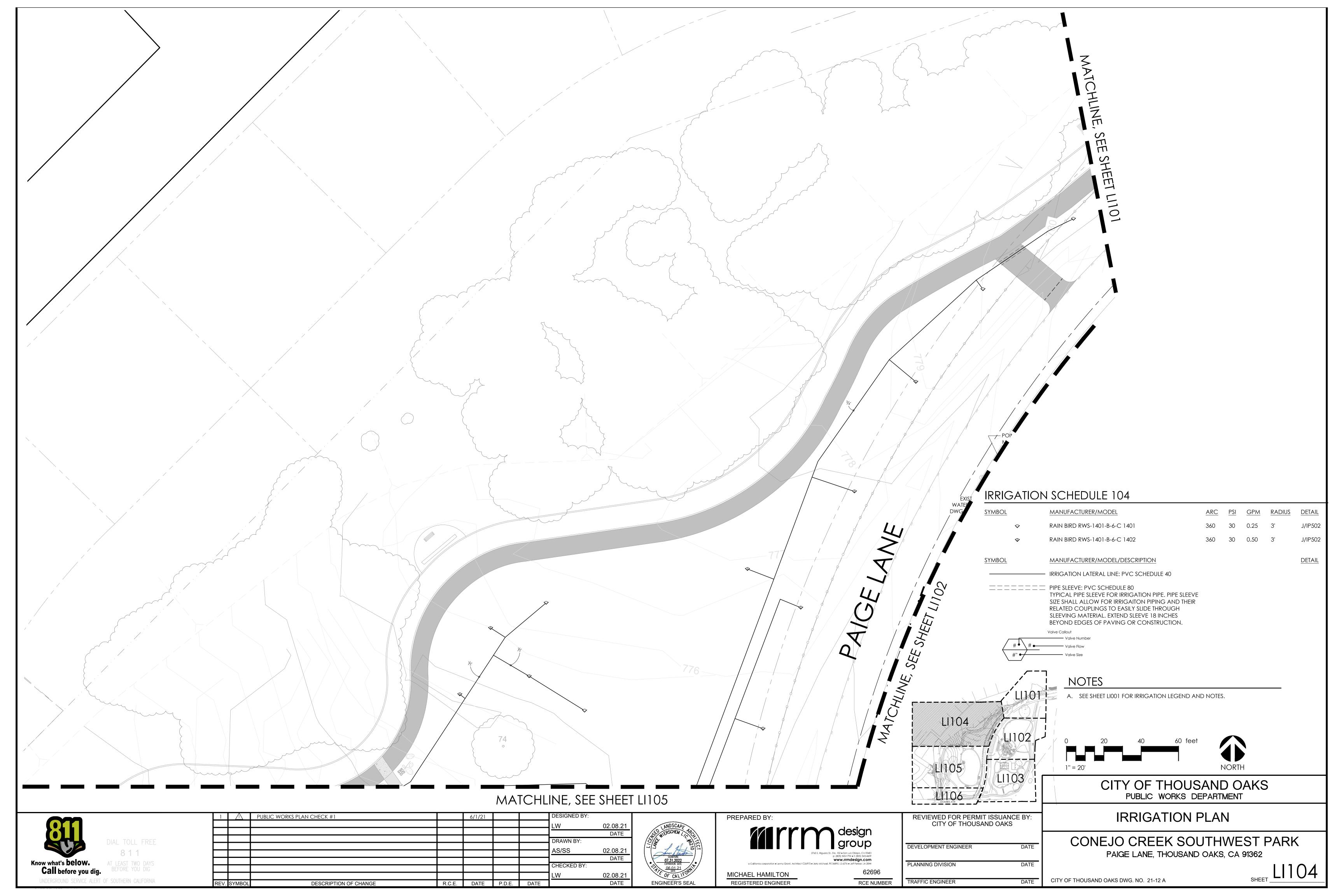
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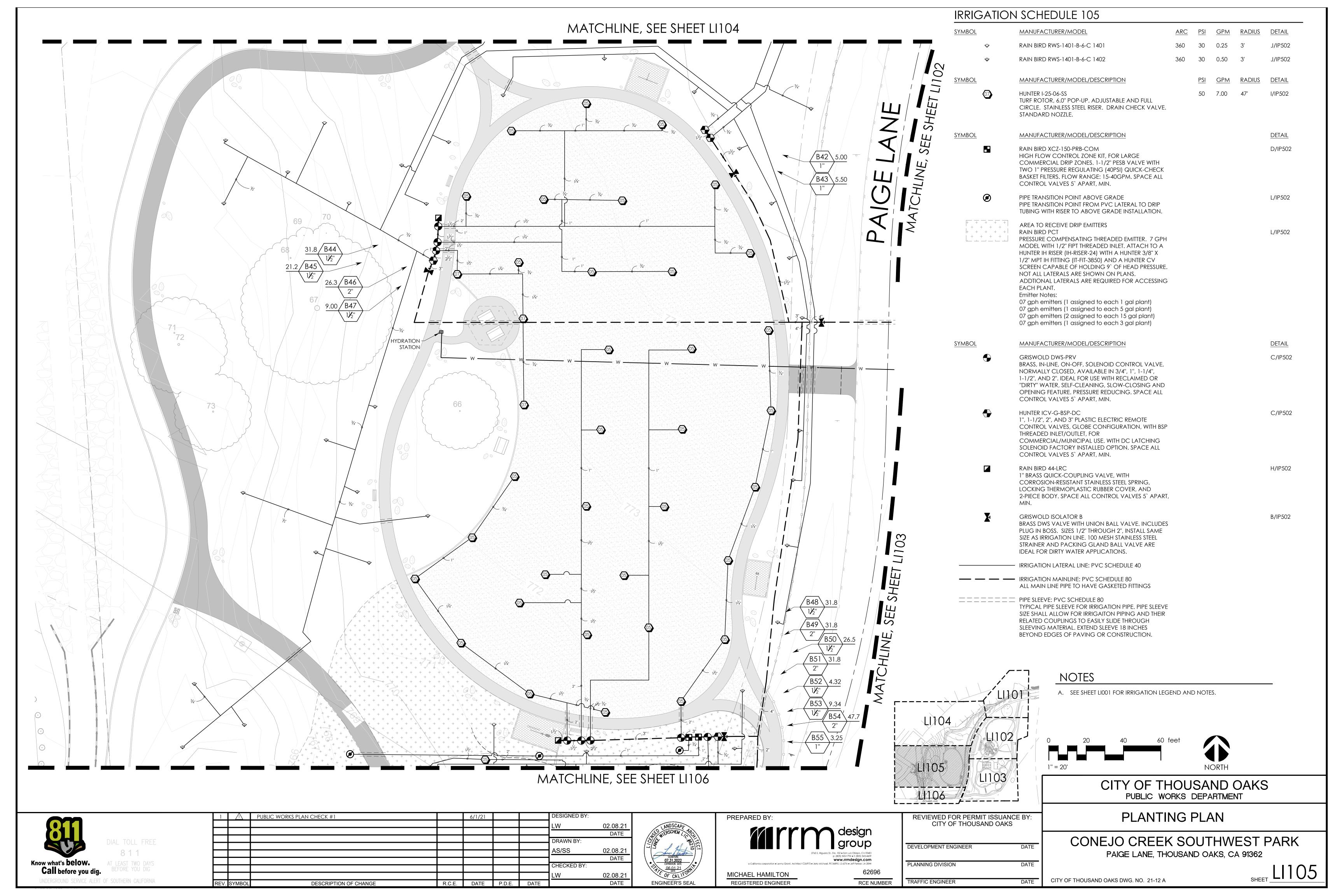
REVIEWED FOR PERMIT ISSUANCE BY: CITY OF THOUSAND OAKS



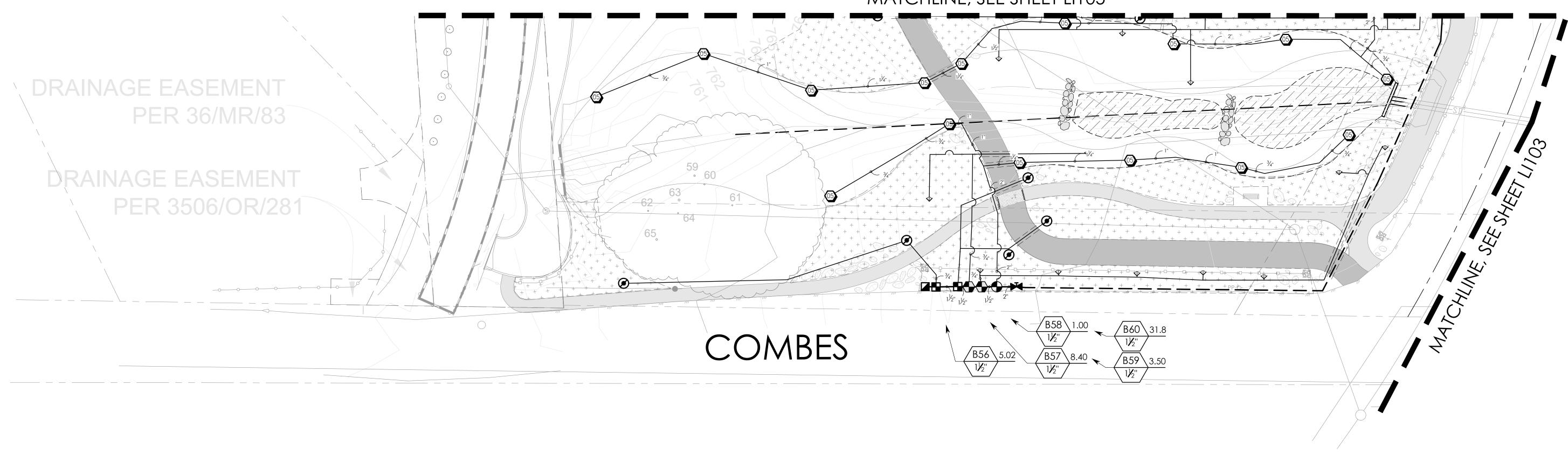








MATCHLINE, SEE SHEET LI105



IRRIGATION SCHEDULE 106

SYMBOL	MANUFACTURER/MODEL	ARC	PSI	GPM	RADIUS	DETAIL
Φ	RAIN BIRD RWS-1401-B-6-C 1402	360	30	0.50	3'	J/IP502
SYMBOL	MANUFACTURER/MODEL/DESCRIPTION					DETAIL
5	RAIN BIRD XCZ-150-PRB-COM HIGH FLOW CONTROL ZONE KIT, FOR LARGE COMMERCIAL DRIP ZONES. 1-1/2" PESB VALVE WITH TWO 1" PRESSURE REGULATING (40PSI) QUICK-CHECK BASKET FILTERS. FLOW RANGE: 15-40GPM. SPACE ALL CONTROL VALVES 5` APART, MIN.					D/IP502
②	PIPE TRANSITION POINT ABOVE GRADE PIPE TRANSITION POINT FROM PVC LATERAL TO DRIP TUBING WITH RISER TO ABOVE GRADE INSTALLATION.					L/IP502
	AREA TO RECEIVE DRIP EMITTERS RAIN BIRD PCT PRESSURE COMPENSATING THREADED EMITTER. 7 GPH MODEL WITH 1/2" FIPT THREADED INLET. ATTACH TO A HUNTER IH RISER (IH-RISER-24) WITH A HUNTER 3/8" X 1/2" MPT IH FITTING (IT-FIT-3850) AND A HUNTER CV SCREEN CAPABLE OF HOLDING 9' OF HEAD PRESSURE. NOT ALL LATERALS ARE SHOWN ON PLANS. ADDTIONAL LATERALS ARE REQUIRED FOR ACCESSING EACH PLANT. Emitter Notes: 07 gph emitters (1 assigned to each 1 gal plant) 07 gph emitters (1 assigned to each 5 gal plant) 07 gph emitters (2 assigned to each 15 gal plant) 07 gph emitters (1 assigned to each 3 gal plant)					L/IP502
SYMBOL	MANUFACTURER/MODEL/DESCRIPTION					<u>DETAIL</u>
	GRISWOLD DWS-PRV BRASS, IN-LINE, ON-OFF, SOLENOID CONTROL VALVE, NORMALLY CLOSED, AVAILABLE IN 3/4", 1", 1-1/4", 1-1/2", AND 2". IDEAL FOR USE WITH RECLAIMED OR "DIRTY" WATER, SELF-CLEANING, SLOW-CLOSING AND					C/IP502

OPENING FEATURE PRESSURE REDUCING SPACE ALL

OI LINING I LATURE, I RESSURE REDUCTING, SI ACE ALE CONTROL VALVES 5' APART, MIN.

HUNTER ICV-G-BSP-DC 1", 1-1/2", 2", AND 3" PLASTIC ELECTRIC REMOTE CONTROL VALVES, GLOBE CONFIGURATION, WITH BSP THREADED INLET/OUTLET, FOR COMMERCIAL/MUNICIPAL USE. WITH DC LATCHING SOLENOID FACTORY INSTALLED OPTION. SPACE ALL CONTROL VALVES 5' APART, MIN.

RAIN BIRD 44-LRC 1" BRASS QUICK-COUPLING VALVE, WITH CORROSION-RESISTANT STAINLESS STEEL SPRING. LOCKING THERMOPLASTIC RUBBER COVER, AND 2-PIECE BODY. SPACE ALL CONTROL VALVES 5' APART,

GRISWOLD ISOLATOR B BRASS DWS VALVE WITH UNION BALL VALVE. INCLUDES PLUG IN BOSS. SIZES 1/2" THROUGH 2", INSTALL SAME SIZE AS IRRIGATION LINE. 100 MESH STAINLESS STEEL STRAINER AND PACKING GLAND BALL VALVE ARE IDEAL FOR DIRTY WATER APPLICATIONS.

- IRRIGATION LATERAL LINE: PVC SCHEDULE 40

- - IRRIGATION MAINLINE: PVC SCHEDULE 80 ALL MAIN LINE PIPE TO HAVE GASKETED FITTINGS

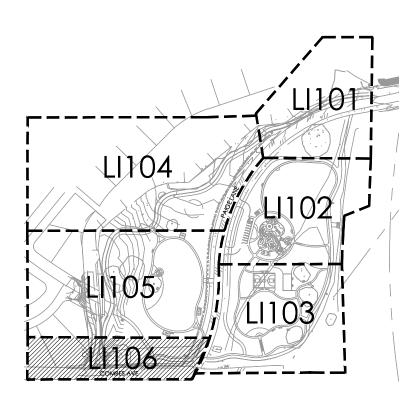
TYPICAL PIPE SLEEVE FOR IRRIGATION PIPE. PIPE SLEEVE SIZE SHALL ALLOW FOR IRRIGAITON PIPING AND THEIR RELATED COUPLINGS TO EASILY SLIDE THROUGH SLEEVING MATERIAL. EXTEND SLEEVE 18 INCHES BEYOND EDGES OF PAVING OR CONSTRUCTION.

	Valve Callout
	Valve Number
/ # ♦ \ # •—	Valve Flow
#" •	Valve Size

C/IP502

H/IP502

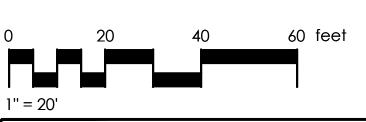
B/IP502



REVIEWED FOR PERMIT ISSUANCE BY: CITY OF THOUSAND OAKS

NOTES

A. SEE SHEET LI001 FOR IRRIGATION LEGEND AND NOTES.





CITY OF THOUSAND OAKS PUBLIC WORKS DEPARTMENT

IRRIGATION PLAN

CONEJO CREEK SOUTHWEST PARK PAIGE LANE, THOUSAND OAKS, CA 91362

CITY OF THOUSAND OAKS DWG. NO. 21-12 A

Know what's **below**. Call before you dig.

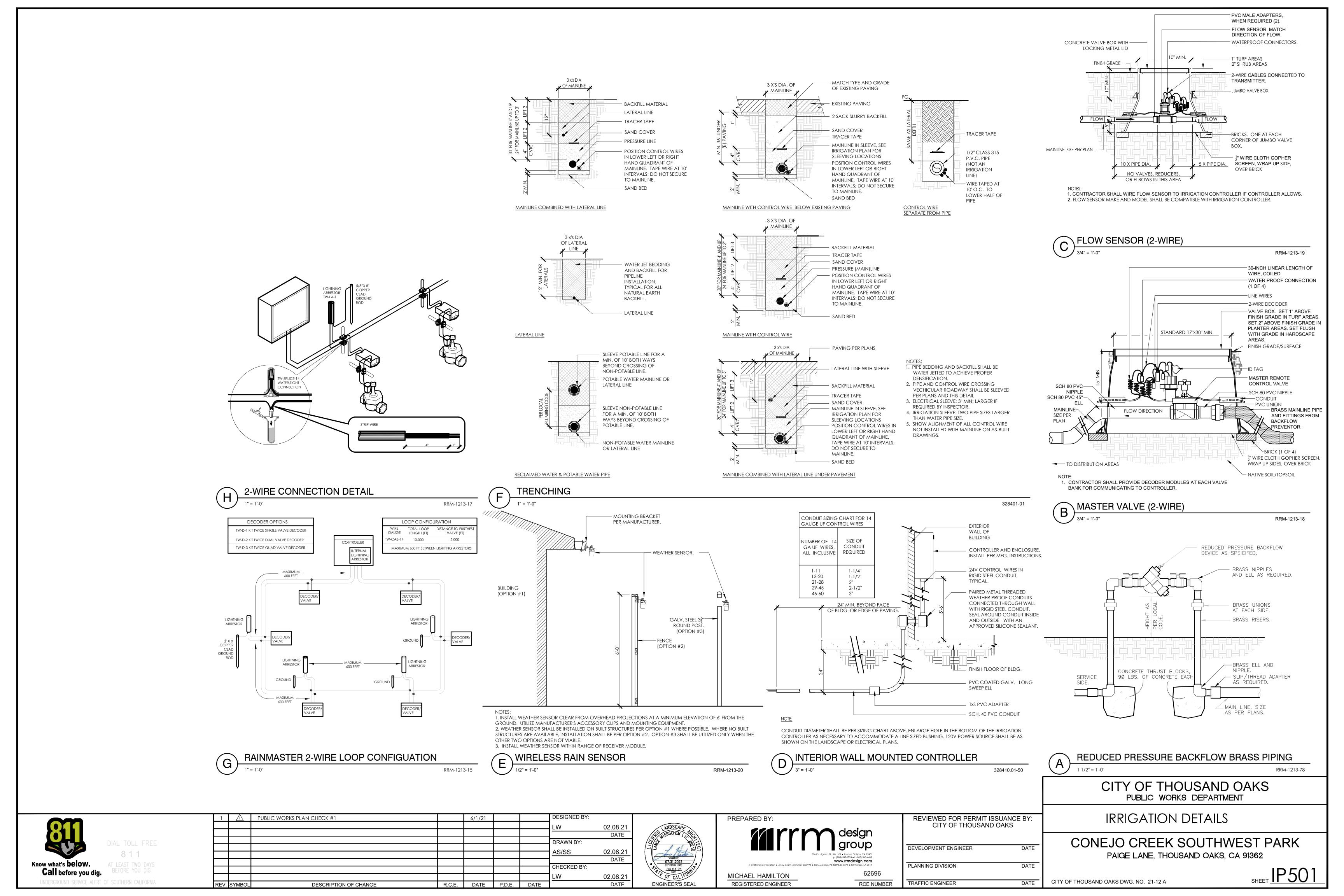
1	1	PUBLIC WORKS PLAN CHECK #1		6/1/21			DESIGNED BY:	
							LW	02.08.21
							-	DATE
							DRAWN BY:	
-							AS/SS	02.08.21
							-	DATE
							CHECKED BY:	
							LW	02.08.21
REV.	SYMBOL	DESCRIPTION OF CHANGE	R.C.E.	DATE	P.D.E.	DATE]	DATE

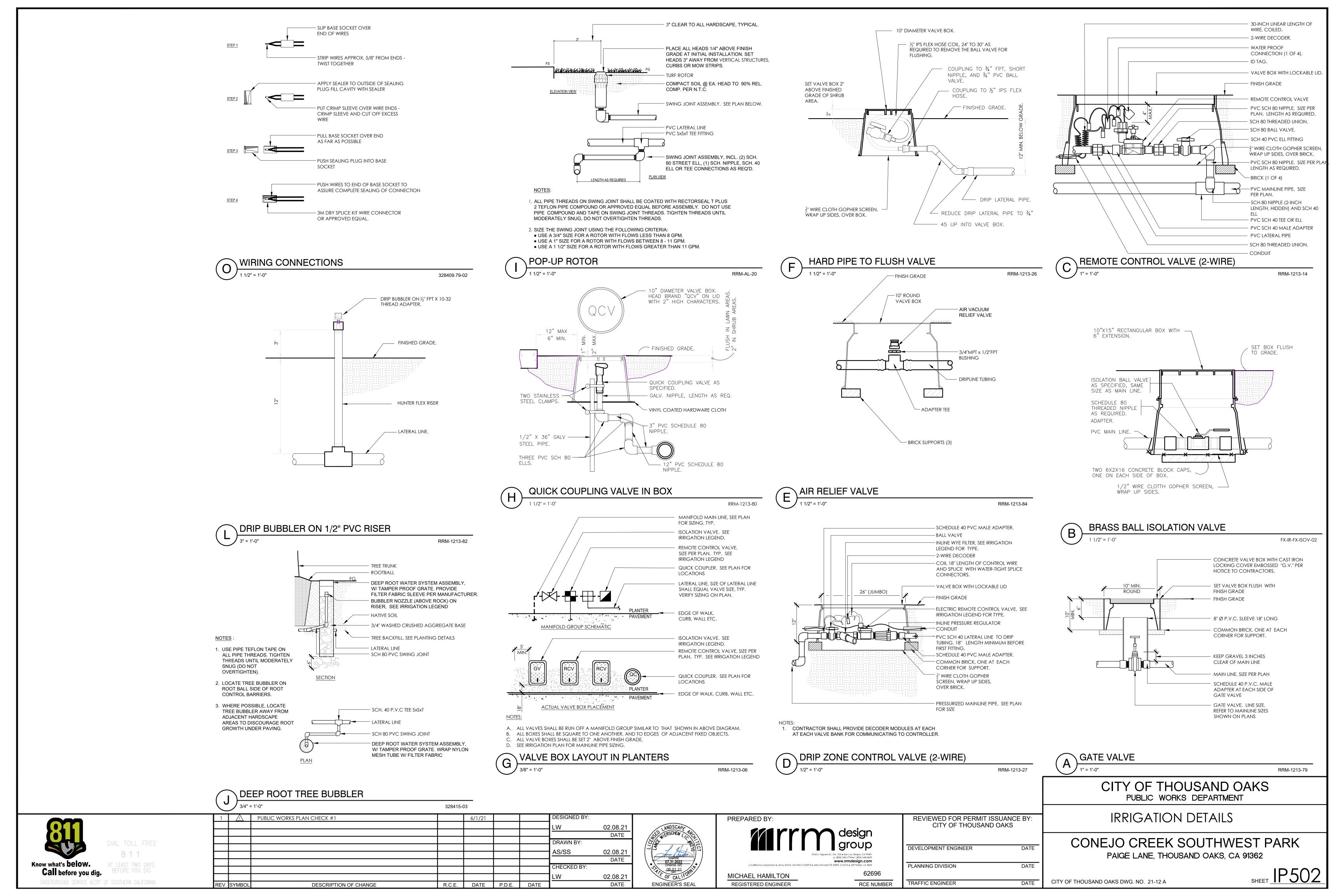




Obispo, CA 93401 • ft (805) 543-4609 esign.com ff Ferber, LA 2844	
62696	PLANNING DIVISION
RCE NUMBER	TRAFFIC ENGINEER

DEVELOPMENT ENGINEER





PLANT SCHEDULE

PLANT SCHI	PLANT SCHEDULE							
TREES	BOTANICAL NAME	COMMON NAME	CONT		QTY	DETAIL		
	ARBUTUS X `MARINA`	ARBUTUS MULTI-TRUNK	36"BOX		31	F/LP501		
(\cdot)	ARBUTUS X 'MARINA'	ARBUTUS STANDARD	36"BOX		5	F/LP501		
	CASSIA LEPTOPHYLLA	GOLD MEDALLION TREE	36"BOX		24	F/LP501		
	CERCIS CANADENSIS	EASTERN REDBUD	24"BOX		22	F/LP501		
	JUGLANS CALIFORNICA	SOUTHERN CALIFORNIA BLACK WALNUT	24"BOX		27	F/LP501		
	LAGERSTROEMIA INDICA `MUSKOGEE` STD.	PURPLE CRAPE MYRTLE	24"BOX		16	F/LP501		
	QUERCUS AGRIFOLIA	COAST LIVE OAK	36"BOX		33	F/LP501		
	QUERCUS LOBATA	VALLEY OAK	36"BOX		8	F/LP501		
	RHUS LANCEA	AFRICAN SUMAC	36"BOX		7	F/LP501		
SHRUBS	BOTANICAL NAME	COMMON NAME	CONT		QTY	DETAIL		
	AGAVE ATTENUATA 'NOVA'	BLUE FOXTAIL AGAVE	 5 GAL		20	 A/LP501		
	AGAVE DESMETTIANA `VARIEGATA`	VARIEGATED SMOOTH AGAVE	5 GAL		86	A/LP501		
Z.W.Z.	AGAVE SHAWII X ATTENUATA `BLUE FLAME`	BLUE FLAME AGAVE	5 GAL		127	A/LP501		
W.	ALYOGYNE HUEGELII `SANTA CRUZ`	BLUE HIBISCUS	5 GAL		60	A/LP501		
	BACCHARIS PILULARIS `PIGEON POINT`	COYOTE BRUSH	5 GAL		227	A/LP501		
(+)	CEANOTHUS GRISEUS HORIZONTALIS	CARMEL CREEPER	5 GAL		95	A/LP501		
(\triangle)	CEANOTHUS X `CONCHA`	CALIFORNIA LILAC	5 GAL		9	A/LP501		
(4 + 2)	CERCIS CANADENSIS `RISING SUN`	RISING SUN REDBUD	24"BOX		44	A/LP501		
	CHONDROPETALUM TECTORUM `EL CAMPO`	CAPE RUSH	5 GAL		36	A/LP501		
•	CISTUS X PULVERULENTUS `SUNSET`	ROCKROSE	5 GAL		113	A/LP501		
·}	FREMONTODENDRON CALIFORNICUM	CALIFORNIA FLANNEL BUSH	5 GAL		7	A/LP501		
\	GALVEZIA SPECIOSA	ISLAND BUSH SNAPDRAGON	1 GAL		34	A/LP501		
	HETEROMELES ARBUTIFOLIA	TOYON	5 GAL		19	A/LP501		
①	KNIPHOFIA UVARIA `ECHO MANGO`	REBLOOMING TORCHLILY	1 GAL		17	A/LP501		
	LEUCADENDRON X `SAFARI SUNSET`	CONEBUSH	15 GAL		70	A/LP501		
\odot	LEYMUS CONDENSATUS 'CANYON PRINCE'	NATIVE BLUE RYE	1 GAL		96	A/LP501		
	LOMANDRA LONGIFOLIA `TANIKA`	DWARF MAT RUSH	1 GAL		556	A/LP501		
\bigcirc	MUHLENBERGIA RIGENS	DEER GRASS	5 GAL		52	A/LP501		
	SALVIA CLEVELANDII `WINIFRED GILMAN`	CLEVELAND SAGE	5 GAL		42	A/LP501		
(o)	SALVIA LEUCOPHYLLA	PURPLE LEAF SAGE	1 GAL		55	A/LP501		
	SALVIA X `POZO BLUE`	POZO BLUE SAGE	5 GAL		115	A/LP501		
DROUGHT TOLERANT	BOTANICAL NAME	COMMON NAME	CONT	<u>SPACING</u>	DETAIL			
	ARCTOSTAPHYLOS X `EMERALD CARPET`	EMERALD CARPET MANZANITA	5 GAL	72" o.c.	A/LP501			
$\begin{array}{c cccc} & \vee & \vee & \vee \\ & \nabla & \nabla & \nabla & \nabla \\ & 7 & \nabla & \nabla & \ddots \\ & \nabla & \nabla & \nabla & \nabla \\ & 7 & \nabla & \nabla & \ddots \\ & 7 & \nabla & \nabla & \ddots \\ & 7 & \nabla & \nabla & \ddots \\ & 7 & \nabla & \nabla & \ddots \\ & 7 & \nabla & \nabla & \ddots \\ & 7 & \nabla & \nabla & \ddots \\ & 7 & \nabla & \nabla & \ddots \\ & 7 & \nabla & \nabla & \ddots \\ & 7 & \nabla & \nabla & \ddots \\ & 7 & \nabla & \nabla & \ddots \\ & 7 & \nabla & \nabla & \ddots \\ & 7 & \nabla & \nabla & \ddots \\ & 7 & \nabla & \nabla & \ddots \\ & 7 & \nabla & \nabla & \ddots \\ & 7 & \nabla & \nabla & \ddots \\ & 7 & \nabla & \nabla & \nabla & \nabla & \ddots \\ & 7 & \nabla & \nabla & \nabla & \nabla & \ddots \\ & 7 & \nabla & \nabla & \nabla & \nabla & \ddots \\ & 7 & \nabla & \nabla & \nabla & \nabla & \ddots \\ & 7 & \nabla & \nabla & \nabla & \nabla & \ddots \\ & 7 & \nabla & \nabla & \nabla & \nabla & \nabla & \ddots \\ & 7 & \nabla & \nabla & \nabla & \nabla & \nabla & \ddots \\ & 7 & \nabla \\ & 7 & \nabla & \nabla & \nabla & \nabla & \nabla & \nabla \\ & 7 & \nabla \\ & 7 & \nabla & \nabla & \nabla & \nabla & \nabla & \nabla \\ & 7 & \nabla \\ & 7 & \nabla \\ & 7 & \nabla \\ & 7 & \nabla \\ & 7 & \nabla & \nabla$	CHONDROPETALUM ELEPHANTINUM	LARGE CAPE RUSH	1 GAL	180" o.c.	A/LP501			

BIOSWALE	BOTANICAL NAME	COMMON NAME	CONT	SPACING	DETAIL		
	JUNCUS EFFUSUS	SOFT RUSH	1 GAL	48" o.c.	A/LP501		PL
	LEYMUS CONDENSATUS `CANYON PRINCE`	NATIVE BLUE RYE	1 GAL	36" o.c.	A/LP501		1.
GROUND COVERS	BOTANICAL NAME	COMMON NAME	CONT	SPACING	QTY	DETAIL	2.
	LOMANDRA CONFERTIFOLIA `LITTLE CON`	SMALL MAT RUSH	1 GAL	24" o.c.	1,110	C/LP501	3.
	LOMANDRA LONGIFOLIA `BREEZE`	DWARF MAT RUSH	1 GAL	36" o.c.	1,970	C/LP501	4.
++++++ ++++++ ++++++ ++++++ ++++++ +++++	SENECIO MANDRALISCAE `BLUE CHALK STICKS`	SENECIO	1 GAL	24" o.c.	52	C/LP501	5.
	SESLERIA AUTUMNALIS	AUTUMN MOOR GRASS	1 GAL	24" o.c.	2,251	C/LP501	6.
	TURF SOD GN-1	HYBRID BERMUDA BLEND	SOD		119,901 SF	G/LP501	7. 8.
	VERBENA X `BALENDAKLE` TM	ENDURASCAPE PURPLE VERBENA	1 GAL	24" o.c.	1,173	C/LP501	9.

TREE PROTECTION NOTES

THESE TREE SPECIFICATIONS SHALL BE FOLLOWED TO PROTECT ALL TREES WHOSE DRIPLINE IS ENCROACHED UPON EITHER DIRECTLY OR INDIRECTLY BY CONSTRUCTION.

A. GENERAL REQUIREMENTS

- 1. NO EQUIPMENT IS TO BE PARKED UNDER A TREE, NOR ARE ANY MATERIALS TO BE STORED WITHIN THE TREE'S DRIPLINE OR LEANED AGAINST A TREE TRUNK.
- 2. DO NOT PILE OR COMPACT SOIL WITHIN A DRIPLINE.
- 3. DO NOT NAIL GRADE STAKES OR ANYTHING ELSE TO TREES.
- 4. DO NOT STRIP TOPSOIL. ANY VEGETATION TO BE REMOVED SHOULD BE REMOVED BY CUTTING AT GROUND LEVEL RATHER THAN PULLING OUT BY EQUIPMENT.
- 5. USE OF PNEUMATIC DRILLS IS NOT PERMISSIBLE; EXCAVATION AROUND ROOTS MUST BE PERFORMED BY HAND ONLY, NO POWER TOOLS. CUT ANY ROOTS CLEANLY WITHOUT FRAYED OR SPLIT ENDS, AND SOIL BACKFILLED IMMEDIATELY.
- 6. ALL LANDSCAPE AREAS ARE TO RECEIVE UNINTERRUPTED IRRIGATION DURING ALL CONSTRUCTION.

B. TYPICAL WORK PROCEDURES

- 1. ALL WORK AROUND ANY EXISTING TREES SHALL FOLLOW THIS WORK PROCEDURES PROGRAM. THIS PROGRAM HAS BEEN DEVELOPED TO MINIMIZE IMPACTS TO EACH TREE AND PROTECT THEM FROM UNSCHEDULED DAMAGE.
- 2. ALL WORK WITHIN A TREE'S ROOT ZONE SHALL BE AS DIRECTED BY CONSULTING ARBORIST.
- 3. THE EXTENT OF ALL WORK AFFECTING ANY OAKS SHALL BE STAKED BY FIELD SURVEY AND REVIEWED WITH THE DISTRICT STAFF PRIOR TO IRRIGATION INSTALLATION.
- 4. HAND DIG VERTICAL TRENCH AT THE FINAL CUT LINE TO FINAL GRADE AND CLEANLY CUT ANY ROOTS ENCOUNTERED AND SEAL WITH APPROVED TREE SEAL.
- 5. NO FURTHER WORK WITHIN THE ROOT ZONE SHALL BE DONE BEYOND WHICH WAS APPROVED, WITHOUT OBTAINING WRITTEN APPROVAL FORM DISTRICT STAFF PRIOR TO PROCEEDING.

C. DAMAGES

1. IF A TREE, DESIGNATED TO REMAIN, IS REMOVED OR CAUSED TO BE IRREVERSIBLY DAMAGED AS DETERMINED BY DISTRICT STAFF, CONTRACTOR SHALL INSTALL A REPLACEMENT TREE MATCHING SIZE, QUALITY, AND VARIETY USING AN INSTALLER DESIGNATED BY THE DISTRICT. IF AN ACCEPTABLE REPLACEMENT TREE IS NOT AVAILABLE, CONTRACTOR WILL PAY DAMAGES TO THE DISTRICT FOR THE DAMAGED TREE VALUE AS ASSESSED BY THE TREE VALUE FORMULA IN ISA GUIDE FOR ESTABLISHING VALUE OF TREES AND OTHER PLANTS

REFER TO THE PROTECTED TREE REPORT DATED JANUARY 2019

- 1. THESE TREES SHALL BE FENCED AT THEIR PROTECTED ZONES WITH A 5 FOOT CHAIN LINK FENCE PRIOR TO ANY ON SITE CONSTRUCTION. FENCING SHALL BE INSTALLED TO PREVENT EQUIPMENT STORAGE, TRASH PILES, ETC., FROM OCCURRING WITHIN THESE PROTECTED ZONES DURING CONSTRUCTION. THERE SHALL BE NO CONSTRUCTION RELATED ACTIVITIES WITHIN THE PROTECTED ZONES OF THE PROTECTED TREES. THIS FENCE SHALL REMAIN DURING CONSTRUCTION ACTIVITIES THAT OCCUR WITHIN THE VICINITY OF THE AFFECTED TREES AND SHALL NOT BE MOVED OR REMOVED WITHOUT THE APPROVAL OF THE CITY OF THOUSAND OAKS PLANNING AND COMMUNITY DEVELOPMENT DEPARTMENT (PLANNING DEPARTMENT).
- 2. A SIGN SHALL BE POSTED THAT WILL READ: WARNING THIS FENCE SHALL NOT BE REMOVED OR RELOCATED WITHOUT WRITTEN AUTHORIZATION FROM THE DEPARTMENT OF PLANNING AND COMMUNITY DEVELOPMENT.

PLANTING NOTES

- 1. ALL WORK PERFORMED SHALL MEET THE REQUIREMENTS OF ALL GOVERNING AGENCIES. THE CONTRACTOR IS RESPONSIBLE FOR OBTAINING ALL NECESSARY PERMITS, INSPECTIONS AND APPROVALS REQUIRED FOR THIS WORK
- 2. THE CONTRACTOR SHALL VERIFY AND CLEARLY IDENTIFY THE LOCATIONS OF UNDERGROUND UTILITY LINES IN FIELD PRIOR TO ANY EXCAVATION, AND IS RESPONSIBLE FOR THE COST OF REPAIRING ANY DAMAGE. NOTIFY
- THE LANDSCAPE ARCHITECT OF ANY SITUATIONS IN WHICH UTILITIES CONFLICT WITH PLANT MATERIAL LOCATIONS.

 FINISH GRADES SHALL BE AS FOLLOWS: TWO (2) INCHES BELOW ADJACENT PAVING AND HARD SURFACES FOR

SHRUB AREAS, AND ONE (1) INCH BELOW ADJACENT PAVING OR HARD SURFACES FOR LAWN AREAS.

- 4. ALL TREES AND SHRUBS ARE TO BE REVIEWED AND APPROVED BY THE OWNER OR LANDSCAPE ARCHITECT PRIOR TO INSTALLATION. COORDINATE WITH THE LANDSCAPE ARCHITECT FOR REVIEWING PLANT MATERIALS PRIOR TO INSTALLATION. THE LANDSCAPE ARCHITECT RESERVES THE RIGHT TO REJECT PLANT MATERIAL DEEMED INCORRECT, UNDERSIZED, OR SUBSTANDARD FOR THE PROJECT.
- ALL DELIVERIES MUST BE COORDINATED WITH THE GENERAL CONTRACTOR OR SITE MANAGER.
- 5. TREE LOCATIONS SHALL BE STAKED AND APPROVED BY THE LANDSCAPE ARCHITECT PRIOR TO THEIR INSTALLATION.
- 7. ALL PLANTING PLANS ARE DIAGRAMMATIC, AND THE CONTRACTOR SHALL COORDINATE WITH THE LANDSCAPE ARCHITECT FOR REVIEW AND FINAL PLACEMENT OF ALL TREES AND PLANTS IN THE FIELD.
- 3. ON-CENTER SPACING FOR SHRUBS AND GROUND COVERS SHALL BE TRIANGULAR SPACING.
- THE CONTRACTOR SHALL TAKE CARE TO PROTECT THE ROOT ZONES OF ALL EXISTING AND PROPOSED TREES DURING CONSTRUCTION.

MODEL SOIL PREPARATION & BACKFILL MIX SPECIFICATIONS

THE FOLLOWING SPECIFICATIONS ARE TO BE USED FOR BIDDING AND MATERIAL COST ALLOWANCES.

MODEL SOIL PREPARATION: (PER 1000 SQUARE FEET)

- ALLOW FOR A MINIMUM OF 4 CUBIC YARDS/1000 SQUARE FEET NITROGEN-STABILIZED ORGANIC AMENDMENT
- ALLOW FOR A MINIMUM OF 150#/1000 SQUARE FEET 'GRO-POWER' 5-3-1
- ALLOW FOR A MINIMUM OF 20#/1000 SQUARE FEET SOIL SULFUR
- * BROADCAST UNIFORMLY AND ROTOTILL INTO UPPER SIX (6) INCHES OF SOIL.

MODEL BACKFILL MIX FOR TREES AND SHRUBS: (PER CUBIC YARD)

3 PARTS BY VOLUME NITROGEN STABILIZED ORGANIC AMENDMENT

7 PARTS BY VOLUME CLEAN SITE SOIL 20# 'GRO-POWER 5-3-1' PER CUBIC YARD OF MIX

MODEL BACKFILL MIX FOR PERENNIALS AND ROSES: (PER CUBIC YARD)

1/3 BY VOLUME - PRE-MOISTENED SPHAGNUM PEAT MOSS

2/3 BY VOLUME - AMENDED, CLEAN SITE SOIL

10# - 'GRO-POWER 3-12-12 FLOWER & BLOOM' FERTILIZER PER CUBIC YARD OF MIX

MODEL BACKFILL MIX FOR CALIFORNIA NATIVE PLANT MATERIALS: (PER CUBIC YARD)

3 PARTS BY VOLUME NITROGEN STABILIZED ORGANIC AMENDMENT

7 PARTS BY VOLUME CLEAN SITE SOIL

10# 'GRO-POWER 5-3-1' PER CUBIC YARD OF MIX

APPLICATION RATE TABLE

GRO-POWER 7 GRAM PLANTING TABLETS, 12-8-8

1 Gal Plant	2 Gal Plant	5 Gal Plant	
	3	6	

Note: Place tablet(s) no higher than 1/3 of the way up the rootball spaced equally around the perimeter of the rootball approximately 2" from the root tips.

MULCH

4" AGROMINIUM ES-2

Know what's below.
Call before you dig.





REGISTERED ENGINEER

REVIEWED FOR PERMIT ISSUANCE BY: CITY OF THOUSAND OAKS

TRAFFIC ENGINEER

RCE NUMBER

DEVELOPMENT ENGINEER DATE

PLANNING DIVISION DATE

PLANTING SCHEDULE

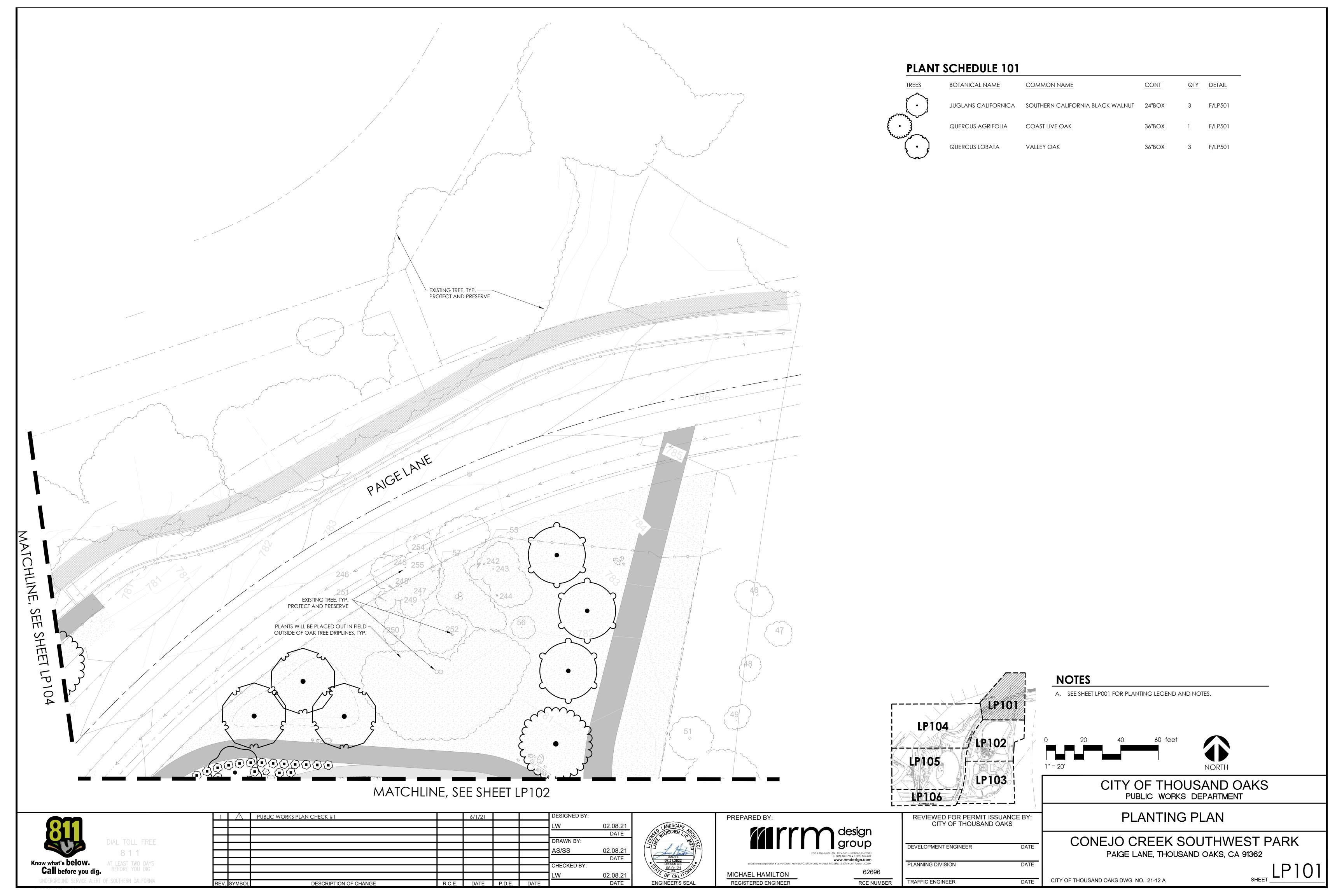
CONEJO CREEK SOUTHWEST PARK
PAIGE LANE, THOUSAND OAKS, CA 91362

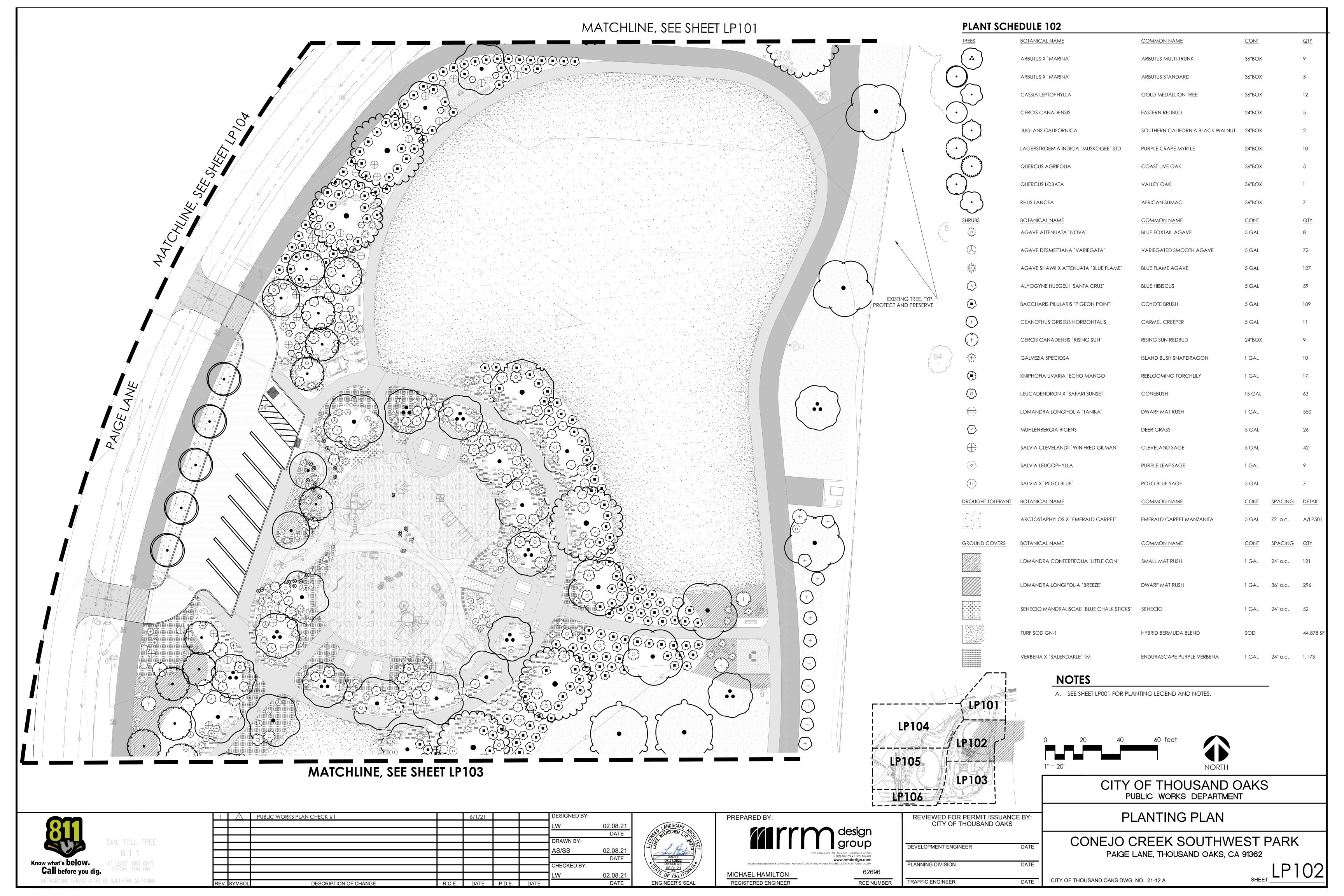
CITY OF THOUSAND OAKS

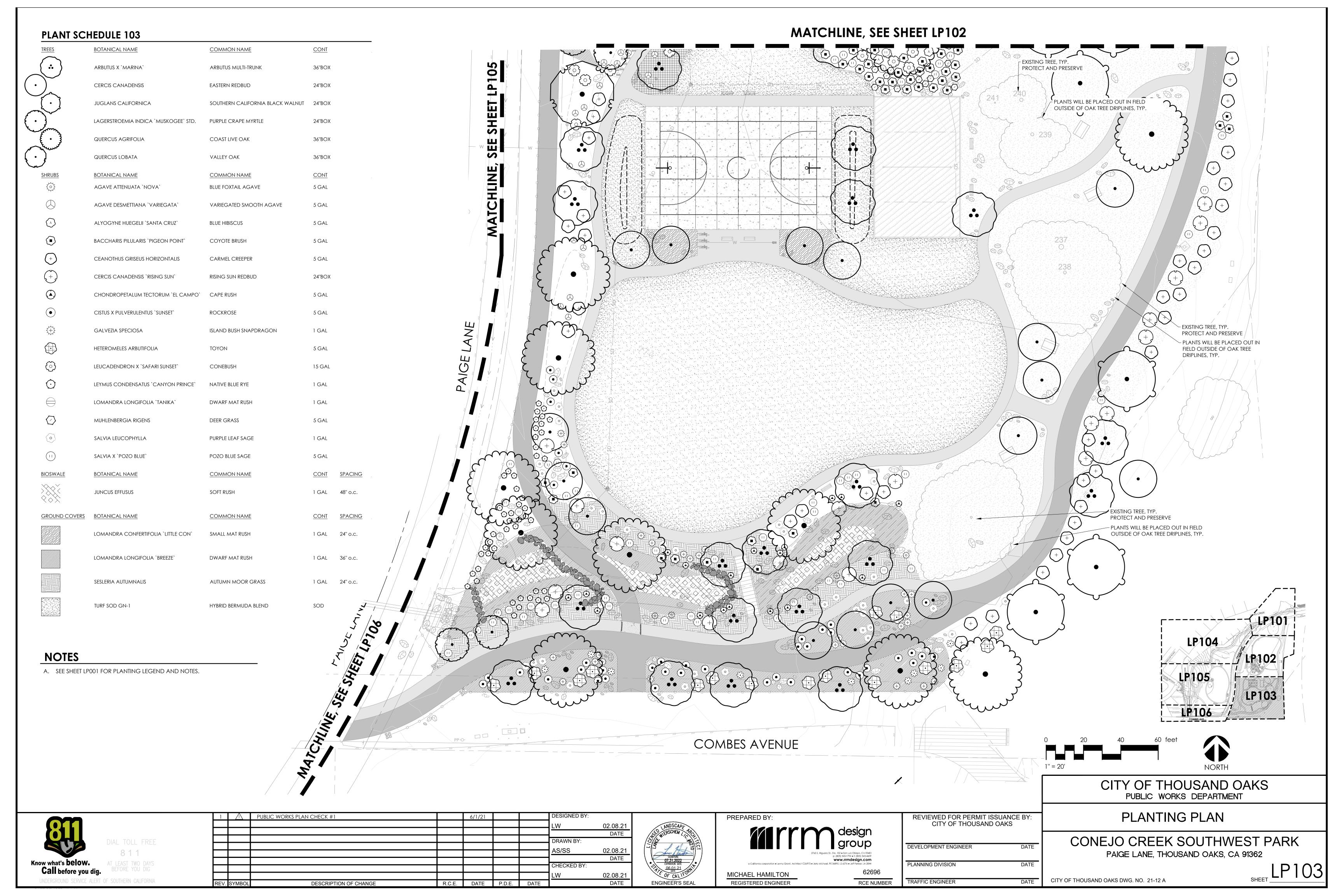
PUBLIC WORKS DEPARTMENT

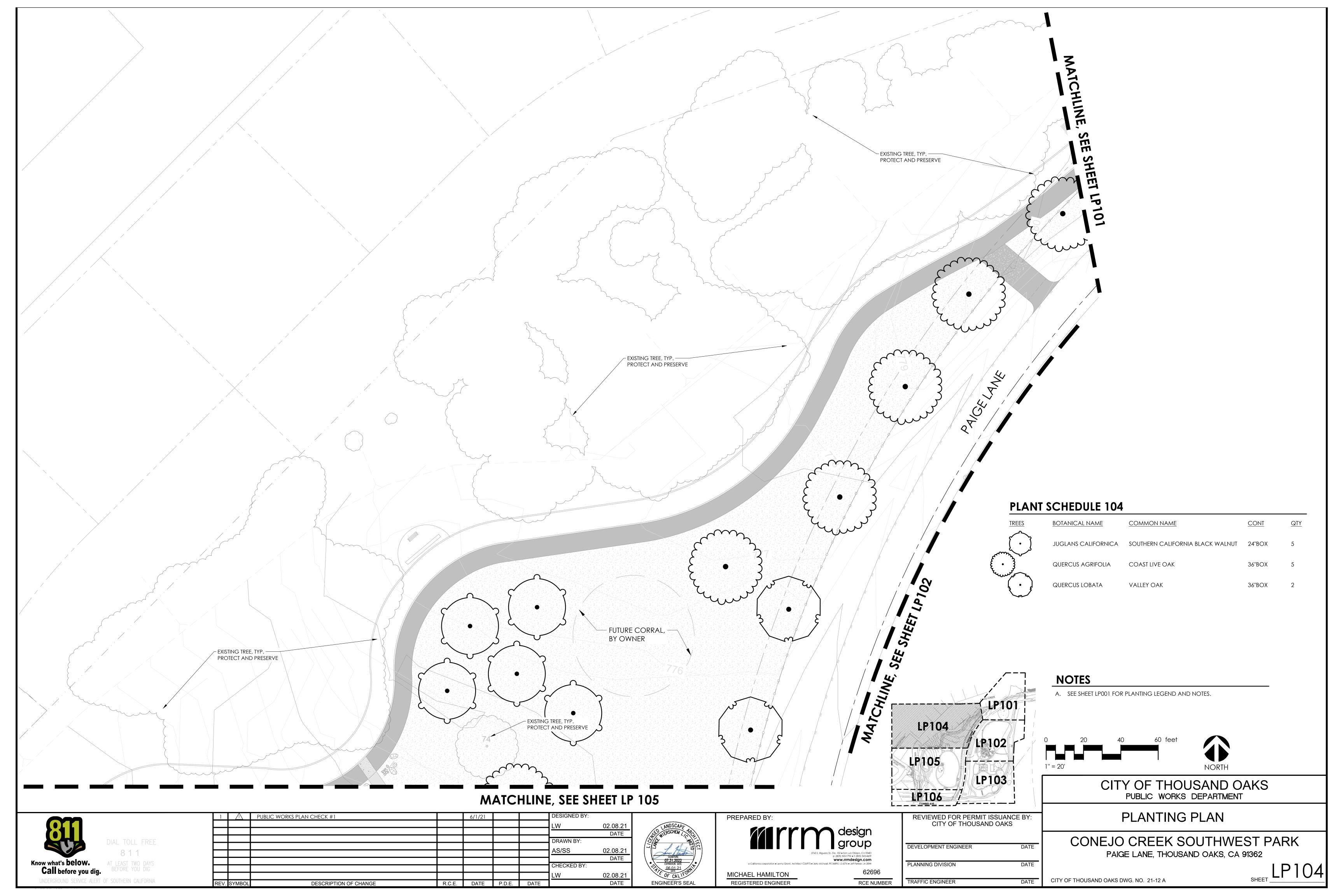
CITY OF THOUSAND OAKS DWG. NO. 21-12 A

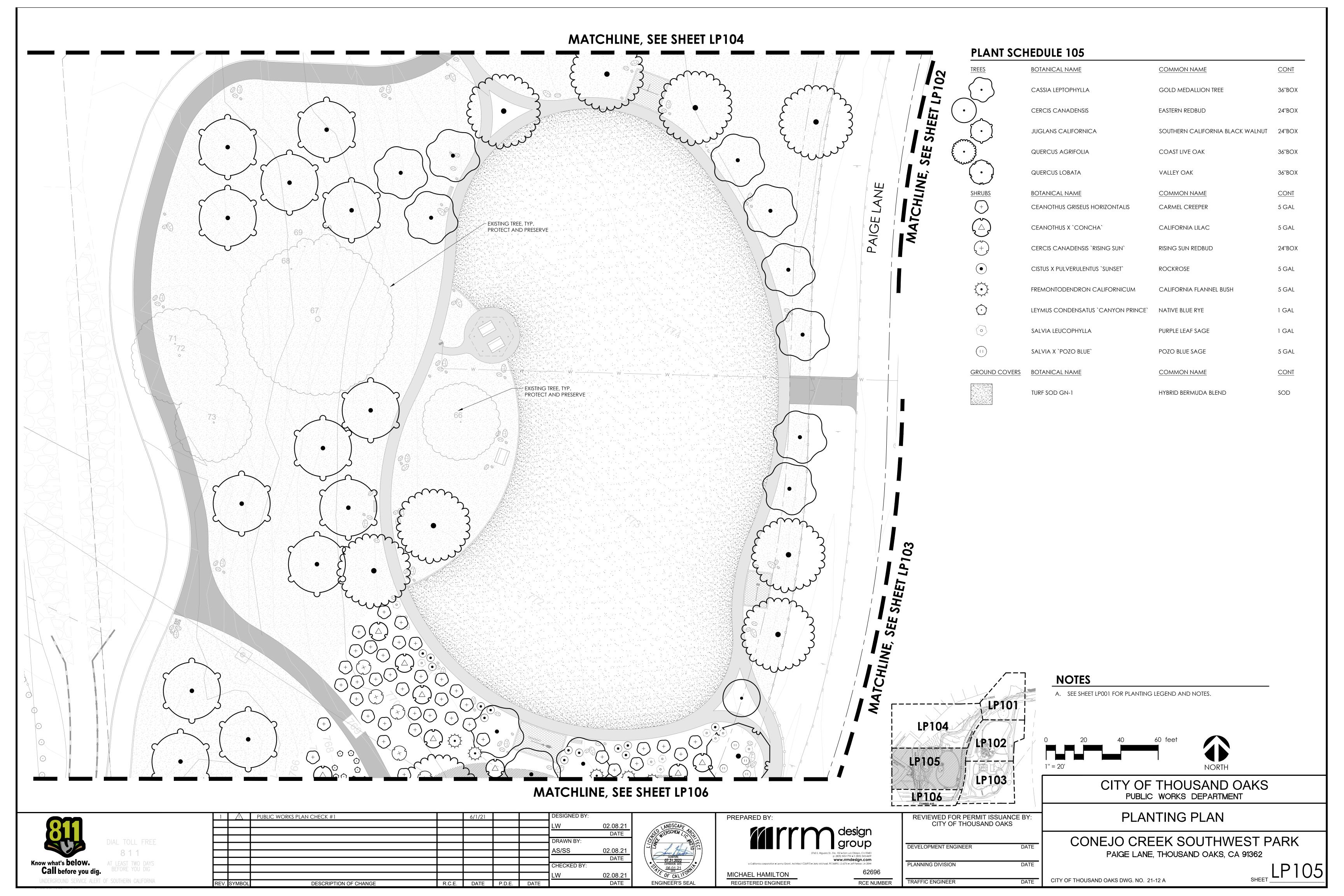
SHEET LPOO

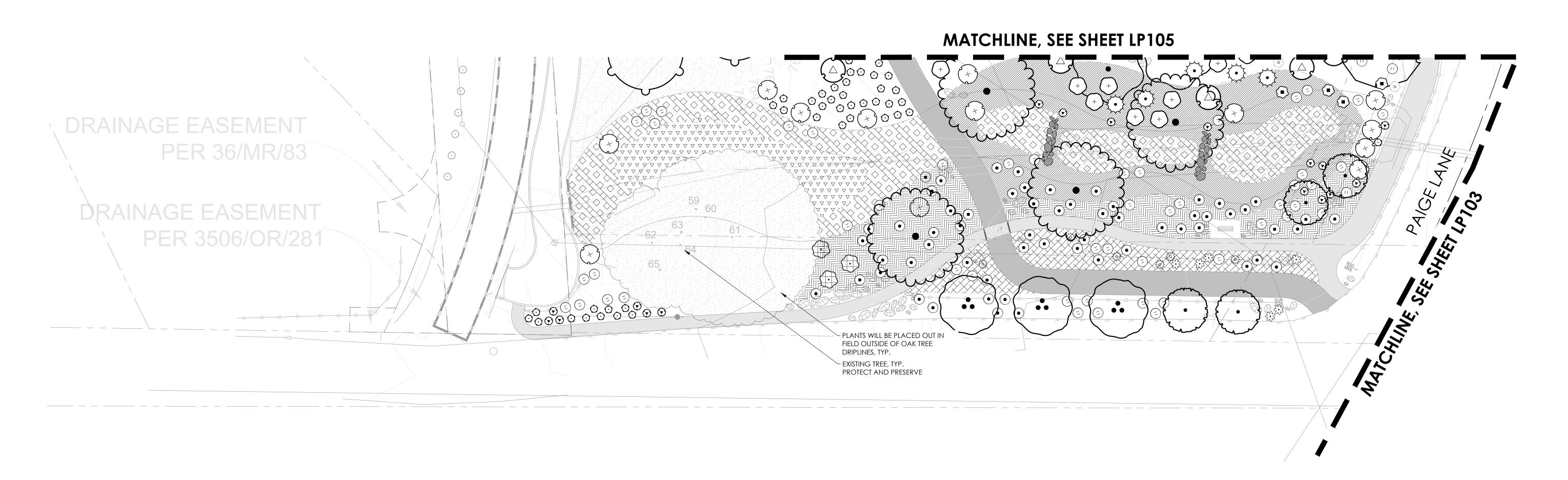












PLANT SCHEDULE 106

PLANT SCI	HEDULE 106			
TREES	BOTANICAL NAME	COMMON NAME	CONT	QTY
$($ $\dot{\cdot}$ $)$	ARBUTUS X `MARINA`	ARBUTUS MULTI-TRUNK	36"BOX	3
	CASSIA LEPTOPHYLLA	GOLD MEDALLION TREE	36"BOX	1
(\cdot)	LAGERSTROEMIA INDICA `MUSKOGEE` STD.	PURPLE CRAPE MYRTLE	24"BOX	4
and a second	QUERCUS AGRIFOLIA	COAST LIVE OAK	36"BOX	4
<u>SHRUBS</u>	BOTANICAL NAME	COMMON NAME	CONT	<u>QTY</u>
101	AGAVE ATTENUATA 'NOVA'	BLUE FOXTAIL AGAVE	5 GAL	6
	BACCHARIS PILULARIS 'PIGEON POINT'	COYOTE BRUSH	5 GAL	4
+	CEANOTHUS GRISEUS HORIZONTALIS	CARMEL CREEPER	5 GAL	7
	CEANOTHUS X `CONCHA`	CALIFORNIA LILAC	5 GAL	3
(+)	CERCIS CANADENSIS 'RISING SUN'	RISING SUN REDBUD	24"BOX	13
	CHONDROPETALUM TECTORUM `EL CAMPO`	CAPE RUSH	5 GAL	18
•	CISTUS X PULVERULENTUS `SUNSET`	ROCKROSE	5 GAL	60
*	FREMONTODENDRON CALIFORNICUM	CALIFORNIA FLANNEL BUSH	5 GAL	5
	HETEROMELES ARBUTIFOLIA	TOYON	5 GAL	3
\bigcirc	LEYMUS CONDENSATUS 'CANYON PRINCE'	NATIVE BLUE RYE	1 GAL	40
$\langle \overline{\rangle}$	MUHLENBERGIA RIGENS	DEER GRASS	5 GAL	6
0	SALVIA LEUCOPHYLLA	PURPLE LEAF SAGE	1 GAL	1

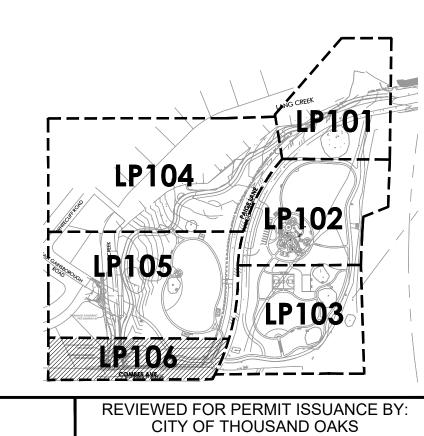
POZO BLUE SAGE

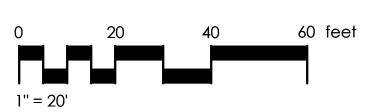
PLANT SCHEDULE 106

DROUGHT TOLERANT	BOTANICAL NAME	COMMON NAME	CONT	<u>SPACING</u>
$\begin{array}{c ccccccccccccccccccccccccccccccccccc$	CHONDROPETALUM ELEPHANTINUM	LARGE CAPE RUSH	1 GAL	180" o.c.
BIOSWALE	BOTANICAL NAME	COMMON NAME	CONT	SPACING
	JUNCUS EFFUSUS	SOFT RUSH	1 GAL	48" o.c.
	LEYMUS CONDENSATUS `CANYON PRINCE`	NATIVE BLUE RYE	1 GAL	36" o.c.
GROUND COVERS	BOTANICAL NAME	COMMON NAME	CONT	SPACING
	LOMANDRA CONFERTIFOLIA `LITTLE CON`	SMALL MAT RUSH	1 GAL	24" o.c.
	LOMANDRA LONGIFOLIA `BREEZE`	DWARF MAT RUSH	1 GAL	36" o.c.
	SESLERIA AUTUMNALIS	AUTUMN MOOR GRASS	1 GAL	24" o.c.

NOTES

A. SEE SHEET LP001 FOR PLANTING LEGEND AND NOTES.







CITY OF THOUSAND OAKS PUBLIC WORKS DEPARTMENT

PLANTING PLAN

CONEJO CREEK SOUTHWEST PARK PAIGE LANE, THOUSAND OAKS, CA 91362

CITY OF THOUSAND OAKS DWG. NO. 21-12 A

811	DIAL TOLL FREE 8 1 1
vhat's below. A ll before you dig.	AT LEAST TWO DAYS BEFORE YOU DIG
RGROUND SERVICE ALERT	

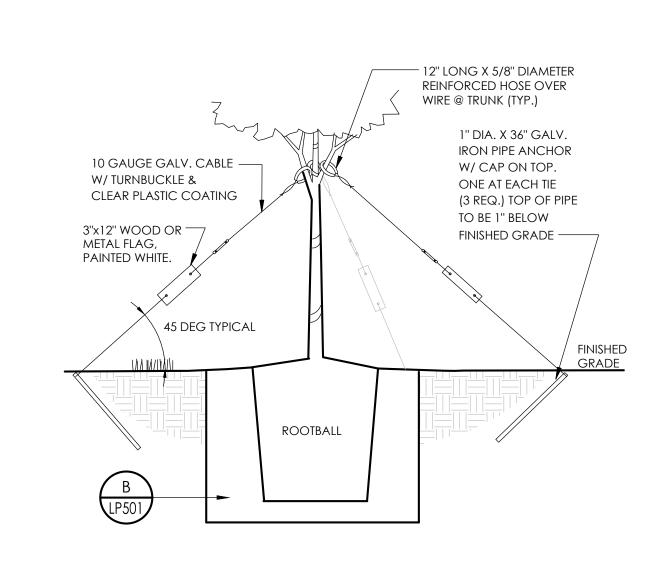
SALVIA X `POZO BLUE`

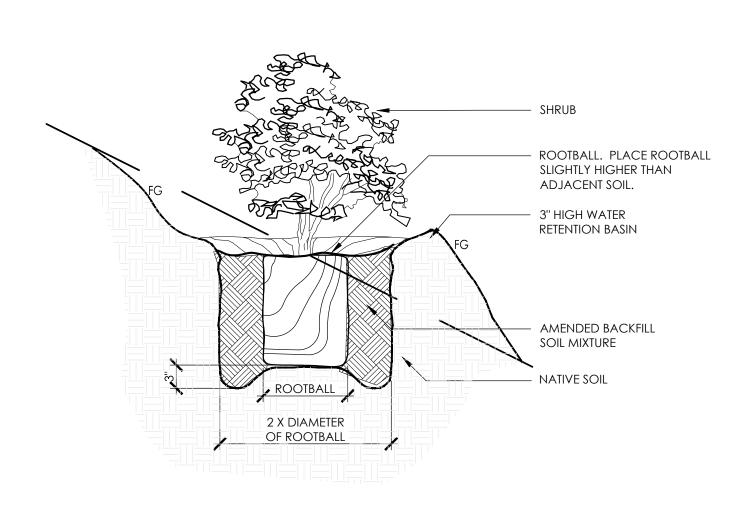
1	1	PUBLIC WORKS PLAN CHECK #1		6/1/21			DESIGNED BY:	
							LW	02.08.21
								DATE
							DRAWN BY:	
							AS/SS	02.08.21
							7.0700	DATE
							CHECKED BY:	DATE
							CHECKED B1.	
							LW	02.08.21
REV.	SYMBOL	DESCRIPTION OF CHANGE	R.C.E.	DATE	P.D.E.	DATE		DATE

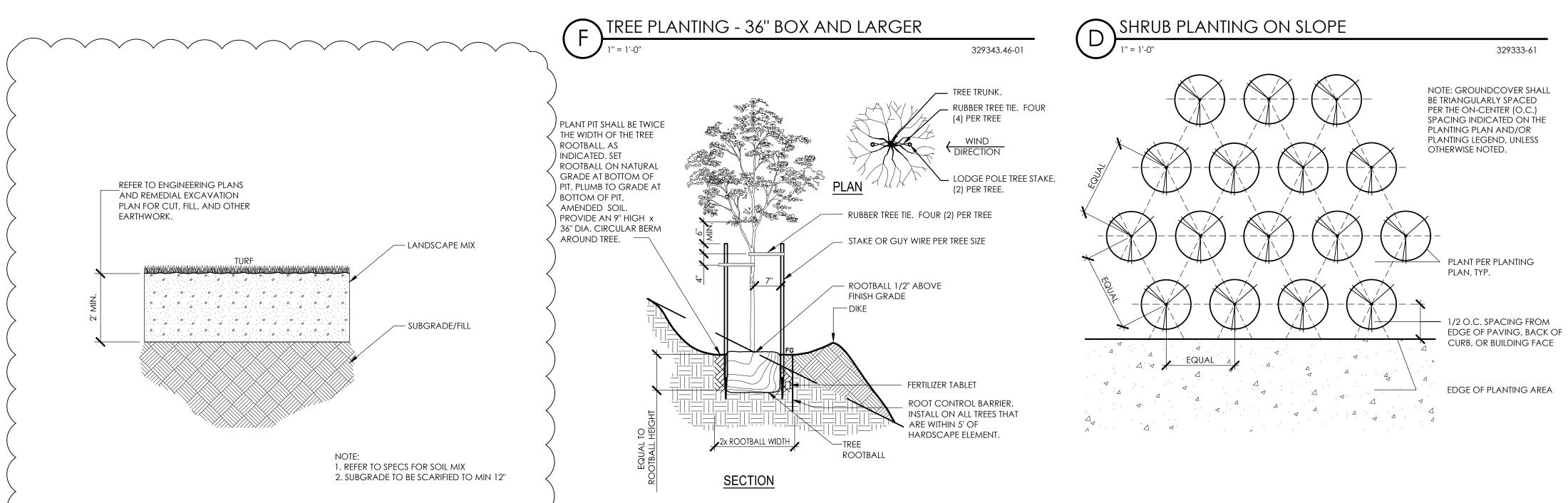
51



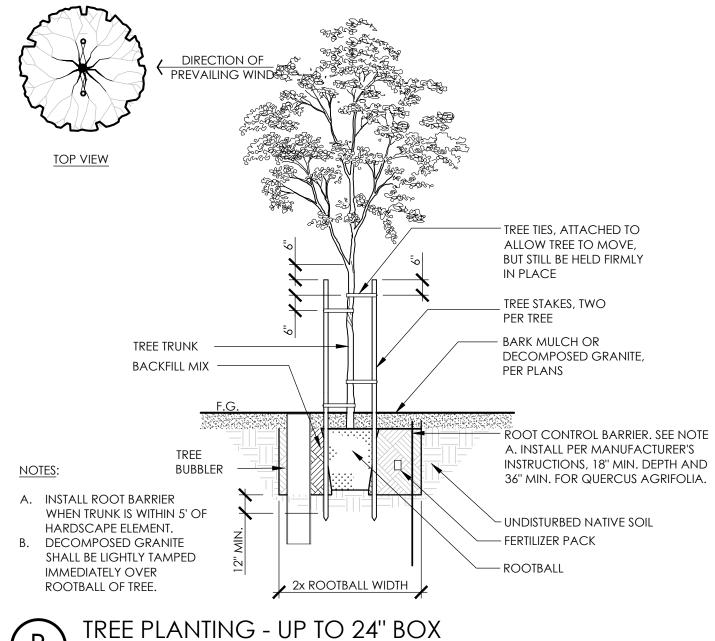


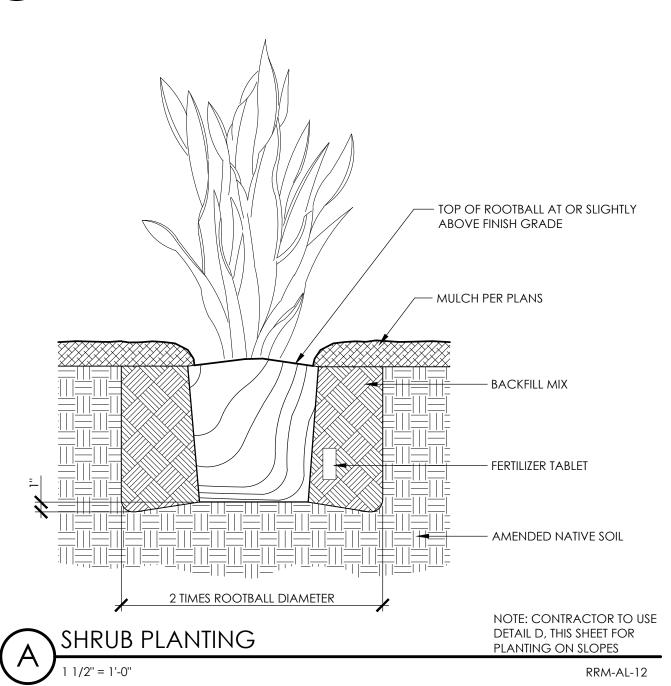






TREE PLANTING ON SLOPE





CITY OF THOUSAND OAKS PUBLIC WORKS DEPARTMENT

PLANTING DETAILS

CONEJO CREEK SOUTHWEST PARK PAIGE LANE, THOUSAND OAKS, CA 91362

Call before you dig.

1 PUBLIC WORKS PLAN CHECK #1 DESIGNED BY: DATE DRAWN BY: 02.08.21 DATE CHECKED BY 02.08.21 DATE R.C.E. DATE P.D.E. DATE DESCRIPTION OF CHANGE

RRM-1213-43



329343-36

PREPARED BY:

p; (805) 543-1794 • 1; (805) 543-4609

www.rrmdesign.com

a California corporation • Lenny Grant, Architect C26973 • Jerry Michael, PE 36895, LS 6276 • Jeff Ferber, LA 2844 62696 MICHAEL HAMILTON REGISTERED ENGINEER RCE NUMBER

GROUNDCOVER SPACING

DEVELOPMENT ENGINEER PLANNING DIVISION TRAFFIC ENGINEER

REVIEWED FOR PERMIT ISSUANCE BY: CITY OF THOUSAND OAKS

329333-01

CITY OF THOUSAND OAKS DWG. NO. 21-12 A

329343-31