THE INTENT OF THESE DRAWINGS AND SPECIFICATIONS IS THAT ALL WORK IS IN ACCORDANCE WITH TITLE 24, CALIFORNIA CODE OF REGULATIONS, AND ALL OTHER APPLICABLE CODES AND REGULATIONS NOTHING ON THESE DRAWINGS SHALL BE CONSTRUED TO PERMIT WORK NOT CONFORMING TO AL APPLICABLE CODES AND REGULATIONS. SHOULD ANY EXISTING CONDITIONS SUCH AS DETERIORATION OR NON-COMPLYING CONSTRUCTION BE DISCOVERED WHICH BE THE CONTRACT DOCUMENTS WHEREIN THE FINISHED WORK WILL NOT COMPLY WITH TITLE 24, CCR, A CONSTRUCTION CHANGE DOCUMENT (CCD) OR A SEPARATE SET OF PLANS AND SPECIFICATIONS, DETAILING AND SPECIFYING THE REQUIRED WORK SHALL BE SUBMITTED TO AND APPROVED BY DSA BEFORE PROCEDDING WITH THE WORK. (SECTION 4-317(C), PART I, TITLE 24, CCR)

CONSTRUCTION SHALL COMPLY WITH CALIFORNIA CODE OF REGULATIONS INCLUDING THE FOLLOWING: TITLE 24 PART I - 2016 CALIFORNIA BUILDING STANDARDS ADMINISTRATIVE CODE

TITLE 24 PART 2- 2016 CALIFORNIA BUILDING CODE (IBC WITH CA AMENDMENTS)

TITLE 24 PART 3 - 2016 CALIFORNIA ELECTRICAL CODE (NEC WITH CA AMENDMENTS)

TITLE 24 PART 4 - 2016 CALIFORNIA MECHANICAL CODE (UMC WITH CA AMENDMENTS) TITLE 24 PART 5 - 2016 CALIFORNIA PLUMBING CODE (UPC WITH CA AMENDMENTS)

TITLE 24 PART 6 - 2016 CALIFORNIA ENERGY CODE (2016 CA ENERGY CODE) TITLE 24 PART 9 - 2016 CALIFORNIA FIRE CODE (IFC WITH CA AMENDMENTS)

TITLE 24 PART I2 - 2016 CALIFORNIA REFERENCED STANDARDS CODE FEDERAL AMERICANS WITH DISABILITIES ACT (ADA.)

4. A DSA ACCEPTED TESTING LABORATORY DIRECTLY EMPLOYED BY THE DISTRICT SHALL CONDUCT ALL THE REQUIRED TESTS AND INSPECTIONS FOR THE PROJECT

FOR WORK IN CITY RIGHT OF WAY: ALL MATERIALS AND WORKMANSHIP SHALL BE PERFORMED IN ACCORDANCE WITH THE MOST CURRENT VERSION OF THE CALTRANS STANDARD CONSTRUCTION SPECIFICATIONS AND CITY OF OROVILLE IMPROVEMENT STANDARDS AND SPECIFICATIONS.

6. NO MODIFICATIONS OR DEVIATIONS FROM THE APPROVED DOCUMENTS SHALL BE PERMITTED WITHOUT AN ADDENDA OR CONSTRUCTION CHANGE DIRECTIVE (CCD) AND SHALL BE APPROVED BY THE ENGINEER AND DSA AS REQUIRED BY SECTION 4-338-PART I, TITLE 24 CCR.

NOTES AND DETAILS ON THE DRAWINGS SHALL TAKE PRECEDENCE OVER THE GENERAL NOTES ON THIS

8. THE CONTRACTOR SHALL OBTAIN AND PAY FOR ALL PERMITS AND INSPECTIONS AS REQUIRED.

. NOTE REGARDING EARTHWORK: THIS SITE WAS DESIGNED TO CONFORM TO EXISTING CONDITIONS ROBERTSON ERICKSON DOES NOT WARRANT OR GUARANTEE A BALANCED SITE, FACTORS AFFECTING A SITE BALANCE INCLUDE SOILS FACTOR (VOLUME CHANGE), TYPE AND EXTENT OF UTILITY TRENCHES, SUBGRADE DEPTHS, PAD GRADING, AND LANDSCAPE TREATMENTS. THE CONTRACTOR SHOULD MAKE HIS OWN ESTIMATES OF EARTH-WORK QUANTITIES AND RELY ON THEM. THE CONTRACTOR SHOULD ALSO MAKE PROVISIONS FOR AN IMBALANCE BY IDENTIFYING ON-SITE OR OFF-SITE DISPOSAL OR EXTRACTION SITES, AND BY PROVIDING REASONABLE CONTINGENCIES FOR PAYING FOR SUCH WORK.

IO. ALL MATERIALS SPECIFIED ON THESE PLANS SHALL BE INSTALLED ACCORDING TO MANUFACTURER'S INSTRUCTIONS AND RECOMMENDATIONS.

ROBERTSON ERICKSON, INC. WILL NOT PROVIDE ELECTRONIC FILES OR VERTICAL AND HORIZONTAL CONTROL POINTS TO BE USED IN PREPARATION OF "STAKING MODELS" OR FOR USE IN "GPS CONSTRUCTION STAKING" ACTIVITIES TO ANY INDIVIDUAL OR COMPANY WHO IS NOT LICENSED IN THE STATE OF CALIFORNIA TO PRACTICE CIVIL ENGINEERING AND/OR PROFESSIONAL LAND SURVEYING.

12. ADJUST ALL AFFECTED UTILITIES (BOXES, LIDS, AREA DRAINS, LIGHT POLES, HYDRANTS, BACKFLOW DEVICES ETC.) TO NEW FINISH SURFACE GRADES AS NECESSARY.

13. INSTALLATION AND DEMOLITION OF ABOVE AND BELOW GROUND UTILITIES SHALL BE COORDINATED WITH OWNER AND UTILITY COMPANIES TO MINIMIZE OR, IF POSSIBLE, ELIMINATE DISRUPTION OF SERVICE.

14. THE LOCATIONS OF THE UNDERGROUND UTILITIES SHOWN WERE DETERMINED FROM SURFACE FEATURES AND RECORD MAPS ONLY. CERTAIN UNDERGROUND OBSTRUCTIONS AND UTILITIES MAY NOT BE SHOWN. ROBERTSON ERICKSON CANNOT TAKE RESPONSIBILITY FOR THE EXISTENCE OR NON-EXISTANCE OF SUCH UTILITIES.

15. ALL WORK ON GRAVITY UTILITIES TO COMMENCE AT THE DOWNSTREAM END OF LINES.

16. WHERE A CONNECTION IS TO BE MADE TO AN EXISTING STORM DRAIN STRUCTURE, SAID EXISTING STORM DRAIN STRUCTURE SHALL BE UNCOVERED AND CHECKED FOR LOCATION AND ELEVATION PRIOR TO SUBMITTING CUT SHEETS TO THE ARCHITECT. ANY DISCREPANCY BETWEEN THE PLANS AND FIELD INFORMATION SHALL BE REPORTED TO THE ARCHITECT AND CIVIL ENGINEER.

. CONTRACTOR TO FENCE CONSTRUCTION AREA AS NECESSARY AT PROJECT PERIMETER.

18. ALL WORK IN THE CITY RIGHT-OF-WAY WILL REQUIRE AN ENCROACHMENT PERMIT & A TRAFFIC CONTROL PLAN. THIS SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR TO COORDINATE ALL ROADWAY/PEDESTRIAN SHUTDOWNS WITH OWNER & CITY OF OROVILLE PRIOR TO IMPLEMENTATION.

19. PROPERTY LINE LOCATIONS ARE BASED ON RECORD INFORMATION AND SHALL BE CONSIDERED APPROXIMATE, EXACT LOCATIONS CAN ONLY BE DETERMINED WITH A RECORD OF SURVEY.

20. THE EXISTENCE AND LOCATION OF ALL UTILITIES SHALL BE VERIFIED BY THE CONTRACTOR PRIOR TO THE START OF CONSTRUCTION.

21. CALL CITY OF OROVILLE DEPARTMENT OF PUBLIC WORKS AT (530) 538-2420 TO SCHEDULE INSPECTION AT LEAST 24 HOURS PRIOR TO CONSTRUCTION.

22. ALL NEW DRAIN INLETS SHALL BE LABELED WITH THE CITY APPROVED DRAIN MARKER PER CITY OF OROVILLE STANDARDS SD-08.

PREPARATION:

IDENTIFY KNOWN BELOW GRADE UTILITIES. POTHOLE TO YERIFY EXISTING UTILITY LOCATIONS AND DEPTHS. CALL UNDERGROUND SERVICES ALERT (U.S.A.) 48 HOURS BEFORE EXCAVATION. STAKE AND FLAG LOCATIONS. ROBERTSON ERICKSON WILL NOT ACCEPT RESPONSIBILITY FOR THE EXISTENCE OR NON-EXISTENCE OF UNDERGROUND UTILITIES.

IDENTIFY AND FLAG ALL UTILITIES.

. MAINTAIN AND PROTECT EXISTING UTILITIES REMAINING WHICH PASS THROUGH WORK AREA.

4. UPON DISCOVERY OF UNKNOWN UTILITIES OR CONCEALED CONDITIONS, DISCONTINUE AFFECTED WORK; NOTIFY ENGINEER.

SITE CLEARING:

REMOVE SURFACE DEBRIS.

DEMOLISH AND REMOVE CONCRETE, PAVING, ETC. IN CONSTRUCTION AREA.

3. CLEAR NEW CONSTRUCTION AREA OF PLANT LIFE AND GRASS.

4. CONFORM TO APPLICABLE CODE FOR DISPOSAL OF DEBRIS.

5. COORDINATE CLEARING WORK WITH UTILITY COMPANIES.

PROTECTION:

PROTECT BENCH MARKS, EXISTING STRUCTURES, FENCES, ROADS, SIDEWALKS, PAVING, AND CURBS THAT ARE TO REMAIN.

PROTECT ABOVE OR BELOW GRADE UTILITIES WHICH ARE TO REMAIN.

PROTECT ALL LANDSCAPING AND TREES THAT ARE TO REMAIN.

AIR QUALITY NOTES:

A. WATER ALL ACTIVE CONSTRUCTION AREAS AT LEAST TWICE DAILY. THE FREQUENCY SHOULD BE BE BASED ON THE TYPE OF OPERATION, SOIL CONDITIONS, AND WIND EXPOSURE.

B. IF NECESSARY, APPLY CHEMICAL SOIL STABILIZERS TO INACTIVE CONSTRUCTION AREAS (DISTURBED) AREAS THAT ARE UNUSED FOR AT LEAST FOUR CONSECUTIVE DAYS) TO CONTROL DUST EMISSIONS. DUST EMISSIONS SHOULD BE CONTROLLED AT THE SITE FOR BOTH ACTIVE AND INACTIVE CONSTRUCTION AREAS THROUGHOUT THE ENTIRE CONSTRUCTION PERIOD, INCLUDING HOLIDAYS.

C. LIMIT VEHICLE SPEEDS TO 15 MPH ON UNPAYED ROADS.

D. SUSPEND LAND CLEARING, GRADING, EARTH MOVING, OR EXCAVATION ACTIVITIES WHEN WIND SPEEDS EXCEED 20 MPH.

IF APPLICABLE, APPLY NON-TOXIC BINDERS (E.G. LATEX ACRYLIC COPOLYMER) TO EXPOSED AREAS AFTER CUT AND FILL OPERATION AND HYDROSEED THE AREA

F. PLANT VEGETATIVE GROUND COVER IN DISTURBED AREAS AS SOON AS POSSIBLE.

G. COVER INACTIVE STORAGE AREAS.

CONTRACTOR SHALL CONSULT WITH THE BUTTE COUNTY AIR QUALITY MANAGEMENT DISTRICT AND OBTAIN PERMITS AS NECESSARY.

SWEEP PAVED STREETS ADJACENT TO THE SITE WHERE VISIBLE SILT OR MUD DEPOSITS HAVE ACCUMULATED DUE TO CONSTRUCTION ACTIVITIES.

POST A PUBLICLY VISIBLE SIGN AT THE CONSTRUCTION SITE WITH THE NAME AND TELEPHONE NUMBER OF THE PERSON TO CONTACT REGARDING DUST COMPLAINTS. THIS PERSON SHALL RESPOND AND TAKE CORRECTIVE ACTION WITHIN 24 HOURS. THE TELEPHONE NUMBER OF THE BCAQMD SHALL ALSO BE VISIBLE TO ENSURE COMPLIANCE WITH BCAQMD RULES 201 AND 207 (NUISANCE AND FUGITIVE DUST

K. PRIOR TO FINAL OCCUPANCY, THE APPLICANT SHALL DEMONSTRATE THAT ALL GROUND SURFACES ARE TREATED SUFFICIENTLY TO MINIMIZE FUGITIVE DUST EMISSIONS. FUGITIVE DUST EMISSIONS ARE CONSIDERED DUST CLOUDS CAUSED BY WIND, TRAFFIC, OR OTHER DISTURBANCES TO EXPOSED GROUND SURFACES.

EXHAUST EMISSIONS WILL BE MINIMIZED BY MAINTAINING EQUIPMENT IN GOOD REPAIR AND PROPER TUNE ACCORDING TO THE MANUFACTURER'S SPECIFICATIONS

M. IF CONSTRUCTION ACTIVITIES OCCUR DURING SMOG SEASON (MAY-OCTOBER), EQUIPMENT WILL NOT BE ALLOWED TO RUN IDLE FOR LONG PERIODS OF TIME.

N. EQUIPMENT SHALL BE KEPT IN PROPER TUNE, AND IDLING SHALL BE MINIMIZED.

CULTURAL RESOURCES:

IF ANY POTENTIAL ARCHAEOLOGICAL, CULTURAL, OR PALEONTOLOGICAL RESOURCES ARE ENCOUNTERED DURING CONSTRUCTION, ALL WORK SHALL CEASE WITHIN THE AREA OF THE FIND PENDING AN EXAMINATION OF THE SITE AND MATERIALS BY A PROFESSIONAL ARCHAEOLOGIST. THE ARCHAEOLOGIST WILL ASSESS THE SIGNIFICANCE OF THE FIND AND PREPARE APPROPRIATE MITIGATION MEASURES FOR REVIEW BY THE BUILDING AND DEVELOPMENT SERVICES DIRECTOR. ALL MITIGATION MEASURES DETERMINED BY THE BUILDING AND DEPARTMENT OF DEVELOPMENT SERVICES DIRECTOR TO BE APPROPRIATE FOR THIS PROJECT SHALL BE IMPLEMENTED PURSUANT TO THE TERMS OF THE ARCHAEOLOGIST'S REPORT

NOISE MITIGATION MEASURES:

ALL HEAVY CONSTRUCTION EQUIPMENT AND ALL STATIONARY NOISE SOURCES (SUCH AS DIESEL GENERATORS) SHALL BE IN GOOD WORKING ORDER AND HAVE MANUFACTURER INSTALLED MUFFLERS.

EQUIPMENT WARM UP AREAS AND EQUIPMENT STORAGE AREAS SHALL BE LOCATED IN AN AREA AS FAR AWAY AS POSSIBLE FROM EXISTING RESIDENCES AS IS FEASIBLE.

3. LIMIT CONSTRUCTION ACTIVITIES TO THE HOURS BETWEEN 7AM AND 9PM DAILY, EXCEPT SUNDAYS AND HOLIDAYS. FOR SUNDAYS AND HOLIDAYS, LIMIT CONSTRUCTION ACTIVITIES TO THE HOURS BETWEEN IOAM AND 6PM.

PAYEMENT SECTIONS:

2" ASPHALT CONCRETE SHALL BE TYPE B (3/4"MAX., MED. GRAD.) OVER 8" CLASS 2 AGGREGATE BASE (3" MAX, GRAD.) OVER 6" OF SUBGRADE COMPACTED TO 95% RELATIVE DENSITY.

ONSITE CONCRETE:

PORTLAND CEMENT SHALL CONFORM TO ASTM C 150, TYPE II OR II-LOW ALKALI. AGGREGATE FOR STONE CONCRETE SHALL CONFORM TO ASTM C 33, AND GRADE A PER THE CALIFORNIA BUILDING CODE.

2. CONTROL JOINT SPACING SHALL NOT EXCEED 8 FEET ON CENTER BOTH WAYS OR AS SHOWN ON THESE

3. CONTROL JOINTS SHALL HAVE A DEPTH NOT LESS THAN 1/4 THE SLAB THICKNESS.

4. INSTALL EXPANSION (ISOLATION) JOINTS WHERE CONCRETE IS POURED AGAINST PERMANENT OBJECTS. INSTALL JOINTS 48' ON CENTER IN CURBS & GUTTERS, SLABS AND SIDEWALKS.

5. MINIMUM ULTIMATE COMPRESSIVE STRENGTH SHALL BE 2500 PSI @ 28 DAYS.

REFER TO PAVING PLANS FOR FURTHER REQUIREMENTS.

6. THE OUTSIDE DIAMETER (O.D.) OF CONDUIT OR PIPE PLACED IN THE PLANE OF A SLAB SHALL NOT EXCEED 30% OF SLAB THICKNESS UNLESS SPECIFICALLY DETAILED OTHERWISE AND SHALL BE LOCATED IN MIDDLE 1/3 OF SLAB. CLEAR SPACING BETWEEN ADJACENT CONDUITS OR PIPES SHALL BE TWICE THE LARGER O.D. MINIMUM, UNLESS OTHERWISE NOTED ON PLANS.

SIDEWALKS SHALL BE 4" THICK CONCRETE MINIMUM OVER 2" LEVELING SAND CONTROL JOINTS AT 4' O.C OR CLASS II AB COMPACTED TO 95%. R.D.

STORM DRAIN SYSTEM:

STORM DRAIN PIPES SHALL BE HDPE TYPE "S" OR AN APPROVED EQUIVALENT, PIPES SHALL BE RATED FOR H-20 LOADING AS DETERMINED BY THE DEPARTMENT OF TRANSPORTATION (D.O.T.).

AREA DRAINS SHALL BE COOK CONCRETE PRODUCTS OR AN APPROVED EQUIVALENT, AND RATED FOR H-20 LOADING AS DETERMINED BY THE D.O.T.

TRENCH BACKFILL SHALL CONFORM TO CITY OF OROVILLE STANDARDS AND REQUIRES SPECIAL INSPECTION TO VERIFY COMPACTION REQUIREMENTS. IT SHALL BE THE RESPONSIBILITY OF THE OWNER AND CONTRACTOR TO RETAIN A QUALIFIED INSPECTING AGENT, AND COORDINATE THE INSPECTIONS TO THE SATISFACTION OF THE CITY OF OROVILLE.



ABBREVIATIONS: AGGREGATE BASE ASPHALT CONCRETE AREA DRAIN TELEPHONE LINE BACK FLOW PREVENTER BREAK LINE BUILDING PERIMETER GRADE CORRUGATED METAL PIPE CLEAN OUT CONCRETE DROP INLET DOWNSPOUT DRIVEWAY ELECTRIC EDGE OF GRAVEL ROAD EDGE OF PAVEMENT EXISTING FIRE DEPT. CONNECTION FIRE HYDRANT FLOW LINE FINISHED SURFACE GRADE BREAK GAS METER GRATE ELEVATION GRADE TO DRAIN GAS VALVE HIGH DENSITY POLYETHYLENE IRRIGATION CONTROL VALVE INSIDE DIAMETER INVERT OF PIPE LINEAR FEET LOCATION LANDSCAPE MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES NOT TO SCALE OVERHEAD CABLE OVERHEAD ELECTRIC OVERHEAD ELECTRIC & TELEPHONE POST INDICATOR VALVE PROPERTY LINE PATH OF TRAVEL POWER POLE PUBLIC UTILITY EASEMENT POLYVINYL CHLORIDE REINFORCED CONCRETE PIPE RELATIVE DENSITY RAIN WATER LEADER STORM DRAIN STORM DRAIN MANHOLE SQUARE FEET SANITARY SEWER SANITARY SEWER CLEANOUT SANITARY SEWER MANHOLE SIDEWALK TREE TEMPORARY BENCH MARK TOP OF CURB

TRASH ENCLOSURE

TRAFFIC SIGNAL BOX

TRAFFIC SIGNAL POLE

TRAFFIC SIGNAL

TYPICAL

WATER BOX

WATER METER

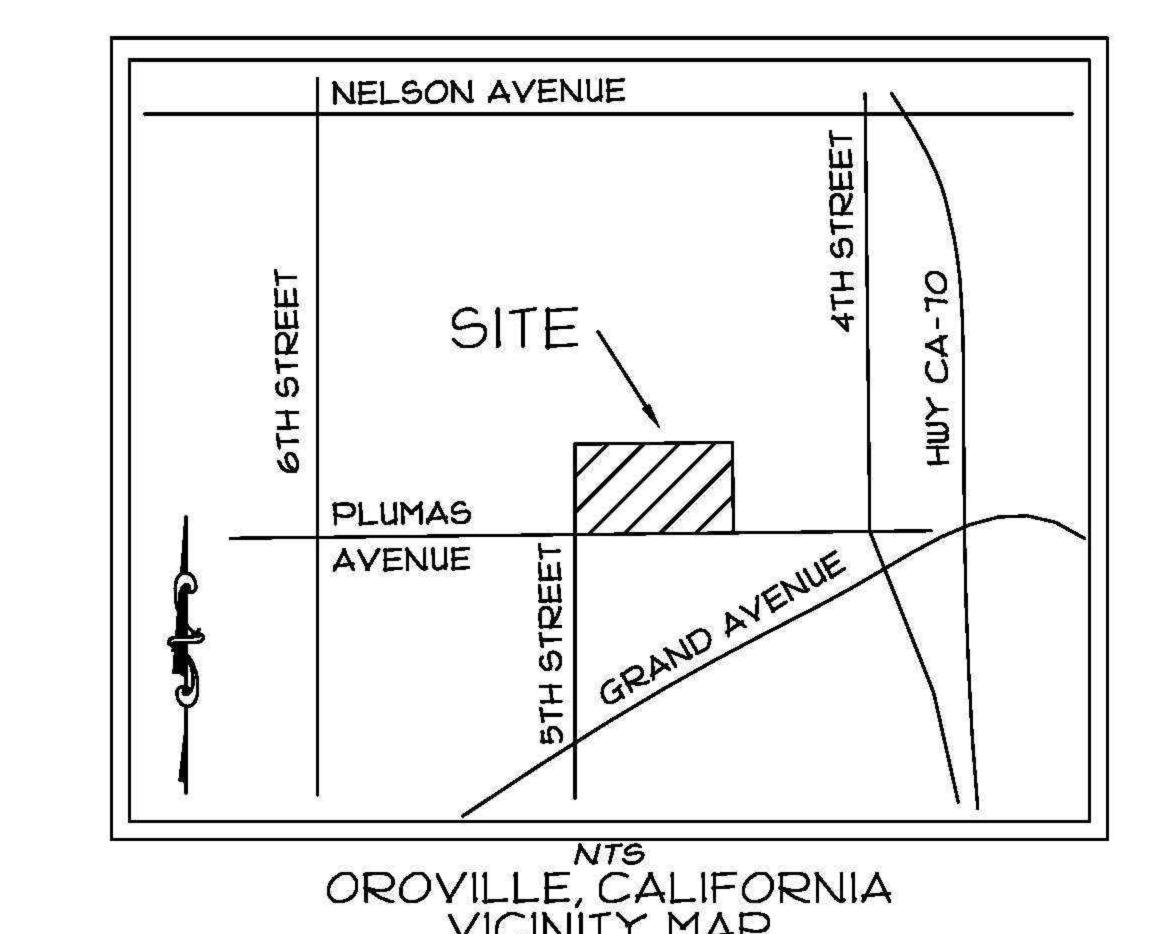
WATER VALVE

--- (N)G --- NEW GAS LINE

CODE ANALYSIS: NO BUILDING CODE ANALYSIS PERFORMED SINCE THERE ARE NO BUILDINGS OR BUILDING IMPROVEMENTS AS PART OF THIS PROJECT SCOPE, SEE SHEET CI.I FOR PRIOR DSA APPLICATION IDENTIFICATION NUMBERS.

FLOOD ZONE DETERMINATION: ZONE X 06007C0790E, EFFECTIVE DATE OF FIRM JANUARY 6, 2011.

NOTE: THIS PROJECT DOES NOT AFFECT OR ALTER EXISTING FIRE LANES



AREA DRAIN BACK FLOW PREVENTER

LEGEND:

CLEAN OUT

DRAIN INLET

LIGHT

SIGN

TREE

MONUMENT

SS MANHOLE

WATER METER

WATER VALVE

TELEPHONE

FIRE HYDRANT

GUY WIRE/ANCHOR

JOINT POLE/ POWER POLE

EXISTING OVERHEAD ELECTRIC

EXISTING SANITARY SEWER MAIN

EXISTING UNDERGROUND GAS

EXISTING UNDERGROUND ELECTRIC

EXISTING EDGE OF PAVEMENT (EP)

GENERAL DEMOLITION LIMITS

ELEVATION CONTOUR LINE

NEW STORM DRAIN LINE

EXISTING UNDERGROUND WATER

EXISTING STORM DRAIN

EXISTING FENCE

PROPERTY LINE

EASEMENT LINE

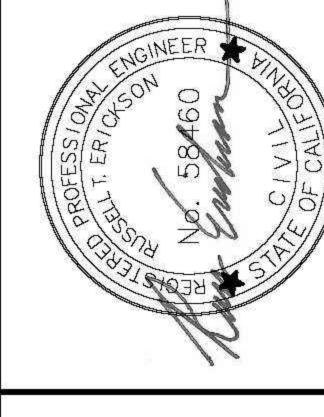
CENTERLINE

DIV. OF THE STATE ARCHI APP. 02-117553 INC:

SS D FLS D ESTAC







0

NEW SANITARY SEWER LINE NEW ELECTRICAL CONDUIT

SCOPE OF WORK: EXPAND EXISTING PARKING AREA BY 26 SPACES, SEE SHEET CI.I FOR PARKING

NEW WATER LINE

SAWCUT LINE

NON-FLOOD HAZARD AREA, FLOOD INSURANCE RATE MAP (FIRM) PARCEL DESIGNATION: PANEL

SHEET LIST:

AT 150 M 150 M	
CI.O	TITLE SHEET
CIJ	OVERALL SITE PLAN
C2.0	EXISTING TOPOGRAPHY
C2.I	DEMOLITION PLAN
C3.0	SITE PLAN
C31	GRADING PLAN
C4.0	UTILITY PLAN
C5.0	PAVING PLAN
C6.0	EROSION & SEDIMENT CONTROL PLAN
C7.0	DETAIL SHEET
C7.I	DETAIL SHEET
EI	SYMBOLS, NOTES & SCHEDULES
E2	TITLE 24
E3	SITE LIGHTING
E4	SITE LIGHTING PHOTOMETRICS
E5	DETAILS

SINGLE LINE DIAGRAM

19-506

1 of 17

SITE IS RELATIVELY FLAT & ACCESSIBLE TO PERSON W/ DISABILITIES. "ACCESSIBLE PATH OF TRAVEL (P.O.T.) SHALL BE BARRIER FREE & ACCESSIBLE TO PERSONS W/ DISABILITIES.

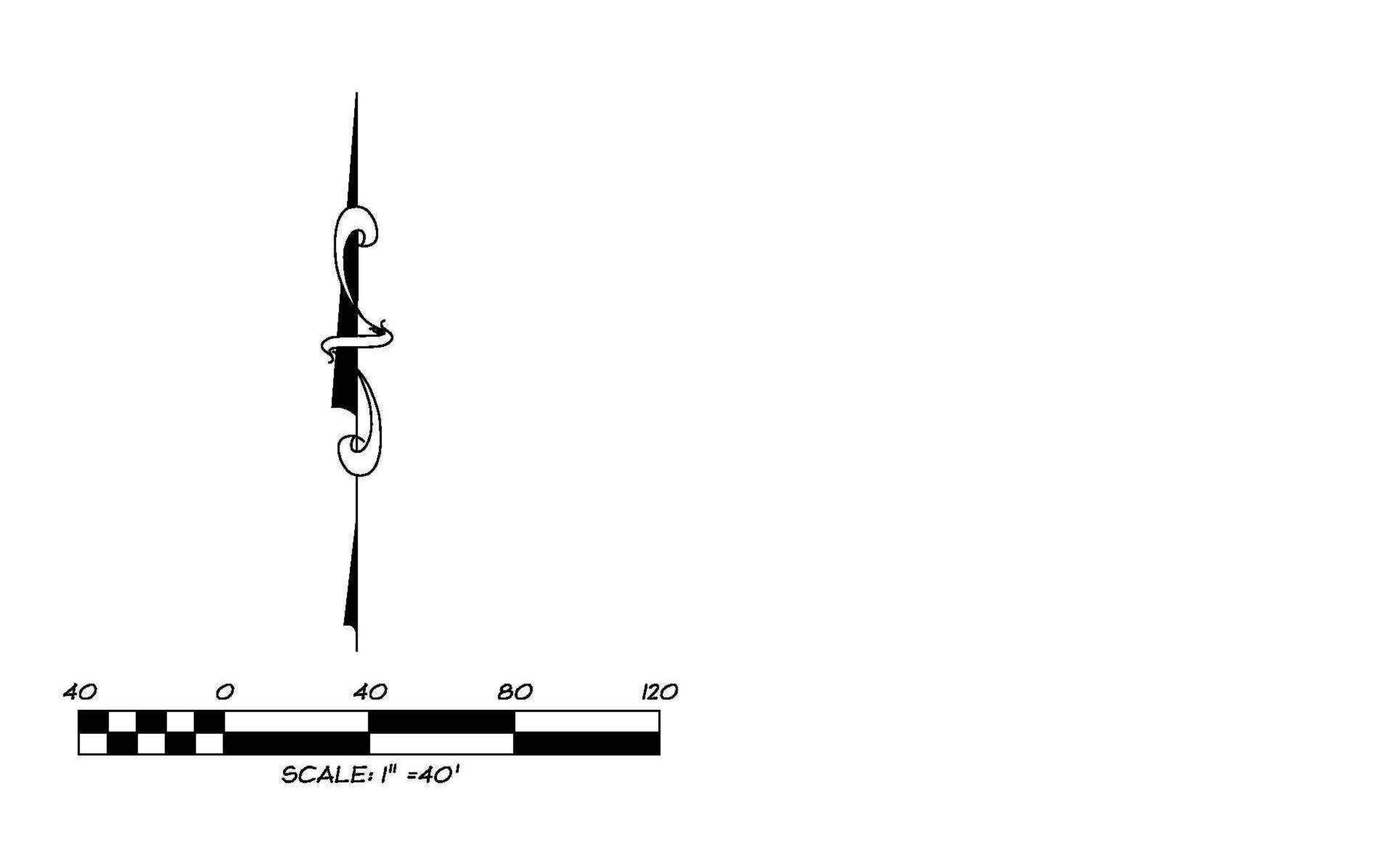
PER SECTION I IB-403: P.O.T. AS INDICATED IS A BARRIER FREE ACCESS

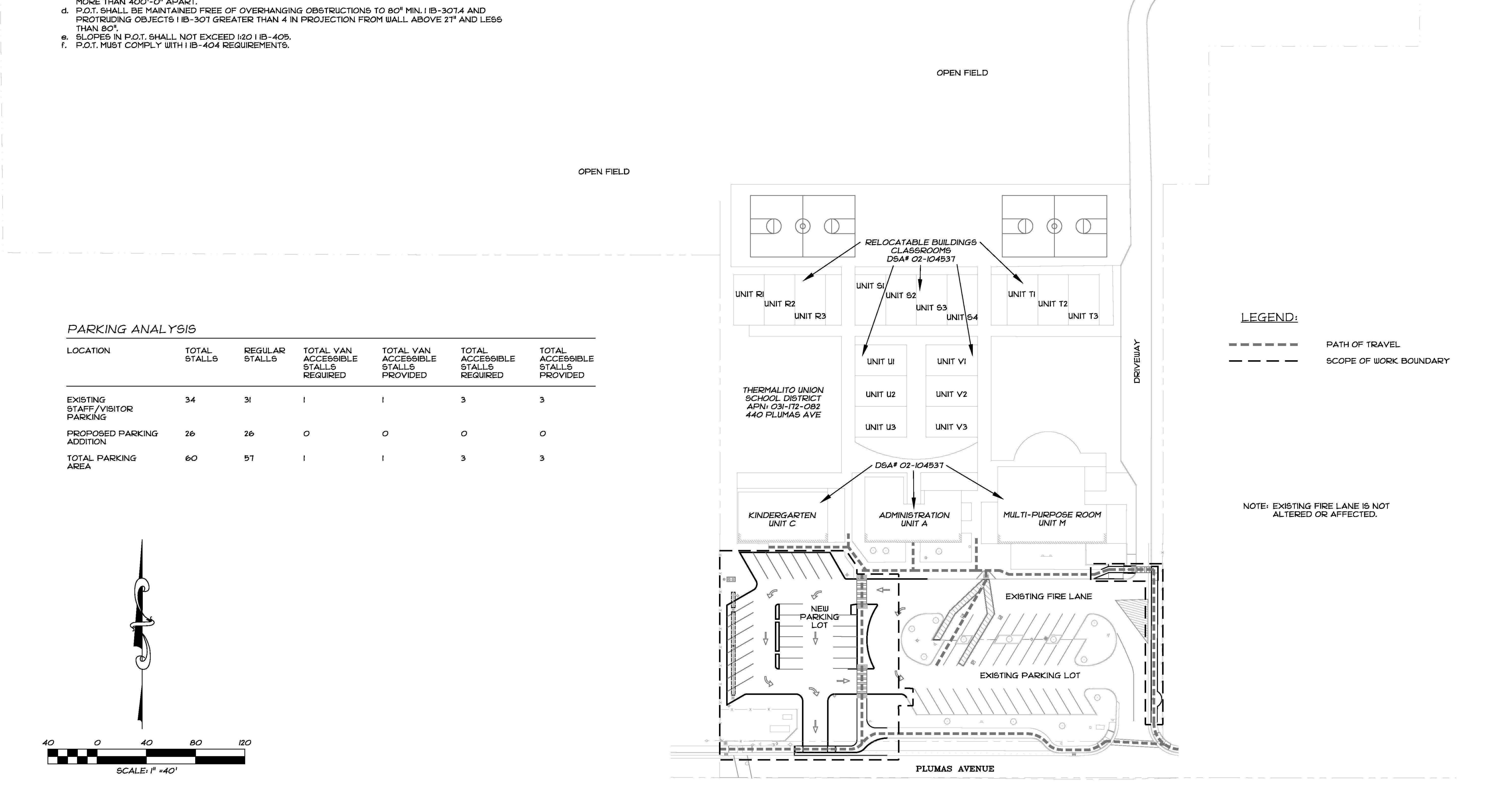
- a. WITHOUT ANY ABRUPT VERTICAL CHANGES EXCEEDING & AT 1:2 MAXIMUM SLOPE, EXCEPT THAT LEVEL CHANGES DO NOT EXCEED & VERTICAL "P.O.T." IS A MINIMUM OF 48" WIDE. SLIP RESISTANT SURFACE WITH 5% MAX. SLOPE AND 2% CROSS SLOPE, TYP. THERE IS NO DROP-OFF OVER 4" AT THE EDGE OF WALK OR LANDING UNLESS IDENTIFIED BY A GUARD, HANDRAIL, OR A WARNING CURB AT LEAST 6" IN HEIGHT ABOVE THE WALK PER I IB-303.5
- b. PASSING SPACES PER. I IB-403.5.3 OF 60"x60" MINIMUM ARE LOCATED NOT MORE THAN 200'-0"
- C. WALK WITH CONTINUOUS GRADIENTS HAVE 60" IN LENGTH OF LEVEL AREAS PER. I I-B-403.7 NOT MORE THAN 400'-0" APART.
- d. P.O.T. SHALL BE MAINTAINED FREE OF OVERHANGING OBSTRUCTIONS TO 80" MIN. I IB-307.4 AND PROTRUDING OBJECTS I IB-307 GREATER THAN 4 IN PROJECTION FROM WALL ABOVE 27" AND LESS
- e. SLOPES IN P.O.T. SHALL NOT EXCEED 1:20 I IB-405. f. P.O.T. MUST COMPLY WITH I IB-404 REQUIREMENTS.

OPEN FIELD

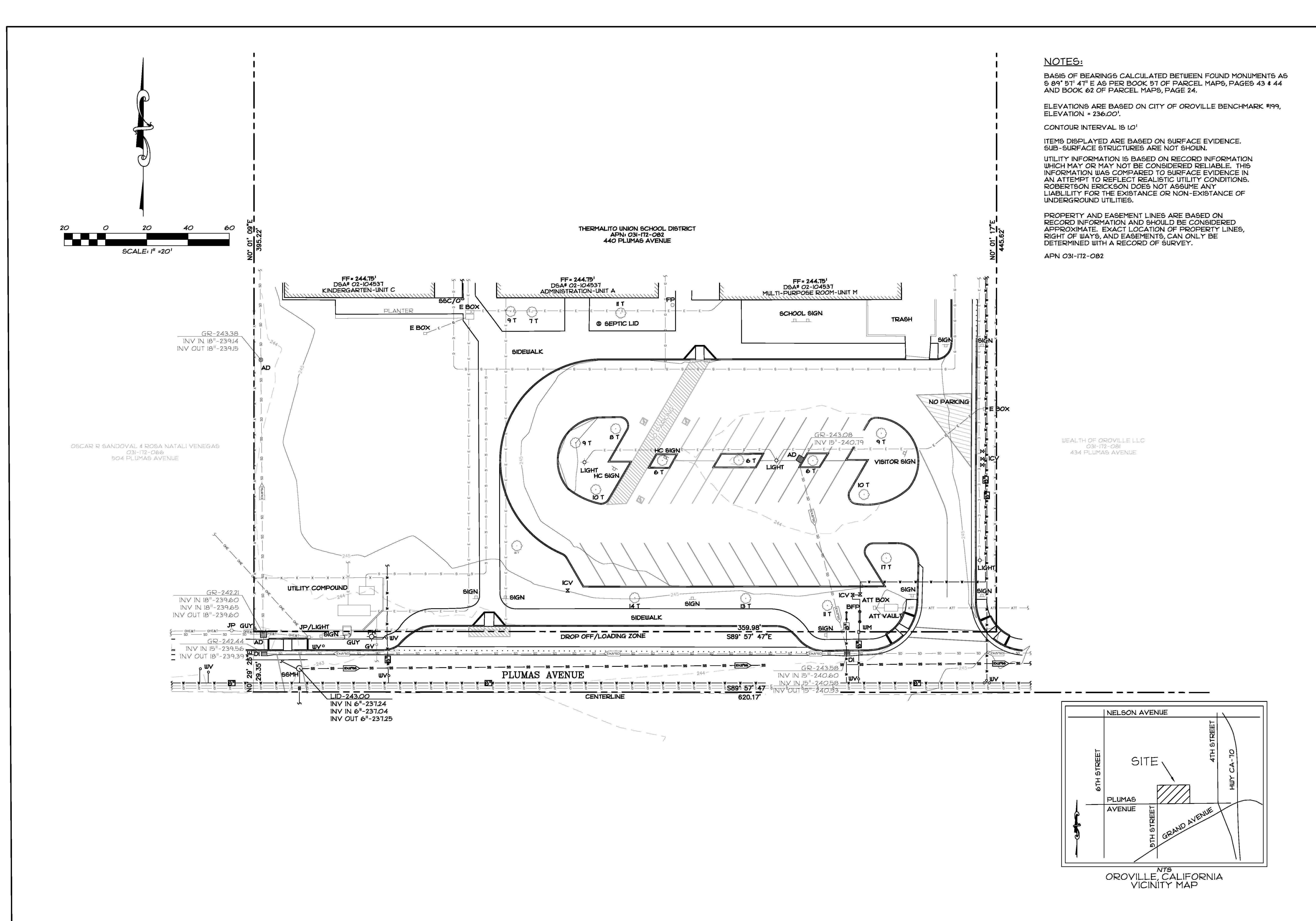
PARKING ANALYSIS

LOCATION	TOTAL	REGULAR	TOTAL VAN ACCESSIBLE STALLS REQUIRED	TOTAL VAN ACCESSIBLE STALLS PROVIDED	TOTAL ACCESSIBLE STALLS REQUIRED	TOTAL ACCESSIBLE STALLS PROVIDED
EXISTING STAFF/VISITOR PARKING	34	31	j	Ĭ	3	3
PROPOSED PARKING ADDITION	26	26	0	0	0	0
TOTAL PARKING AREA	60	57			3	3

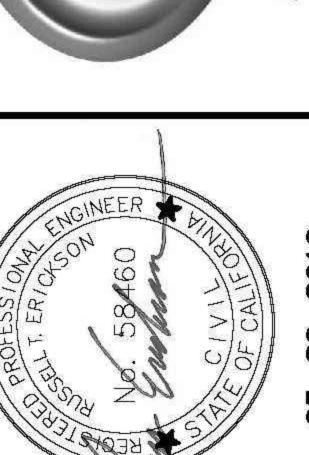




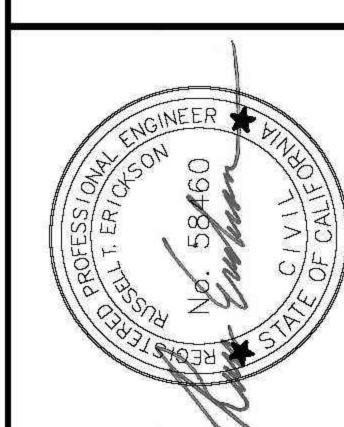
EXISTING FIRE LANE









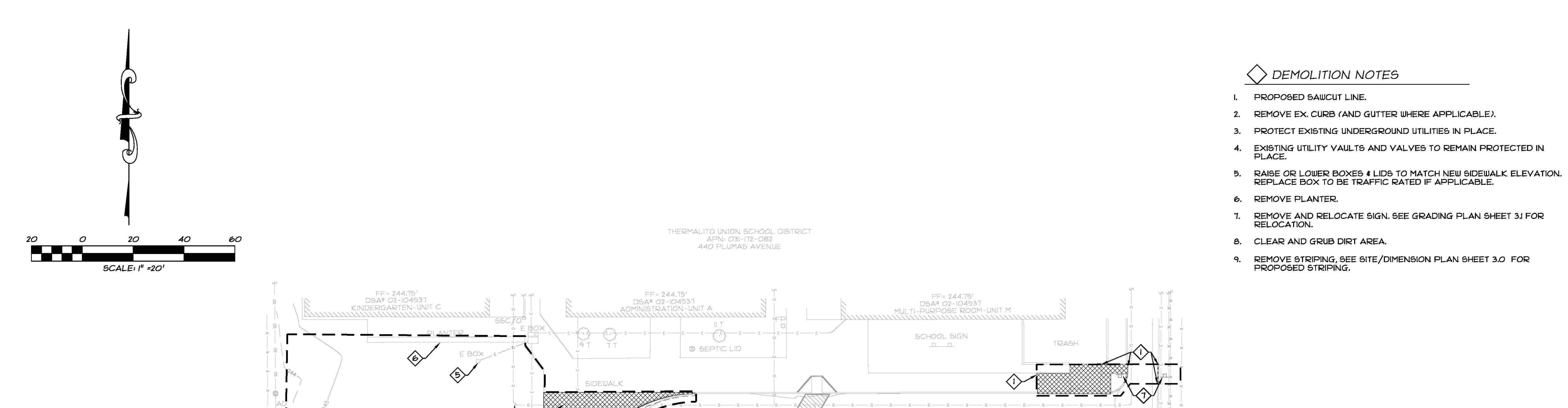


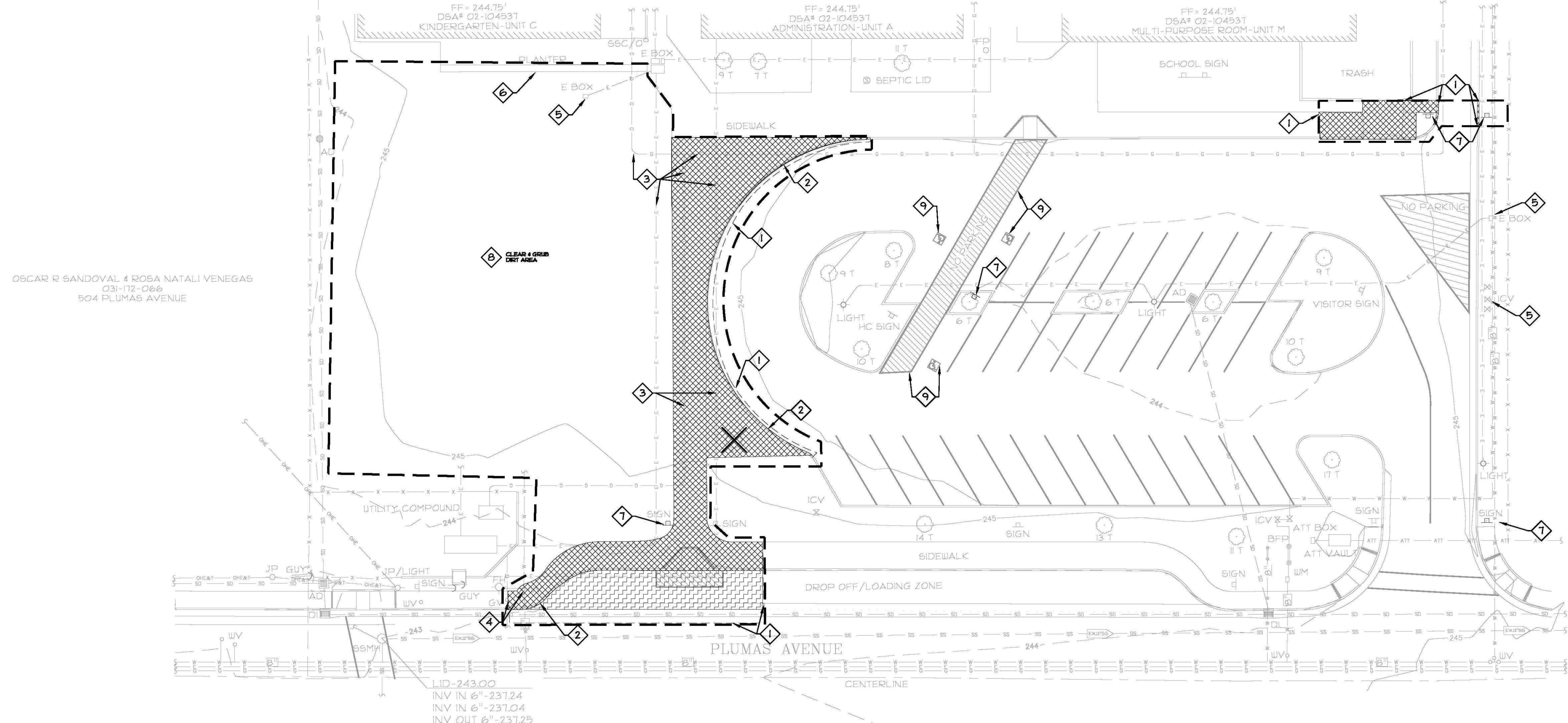
LEGEND

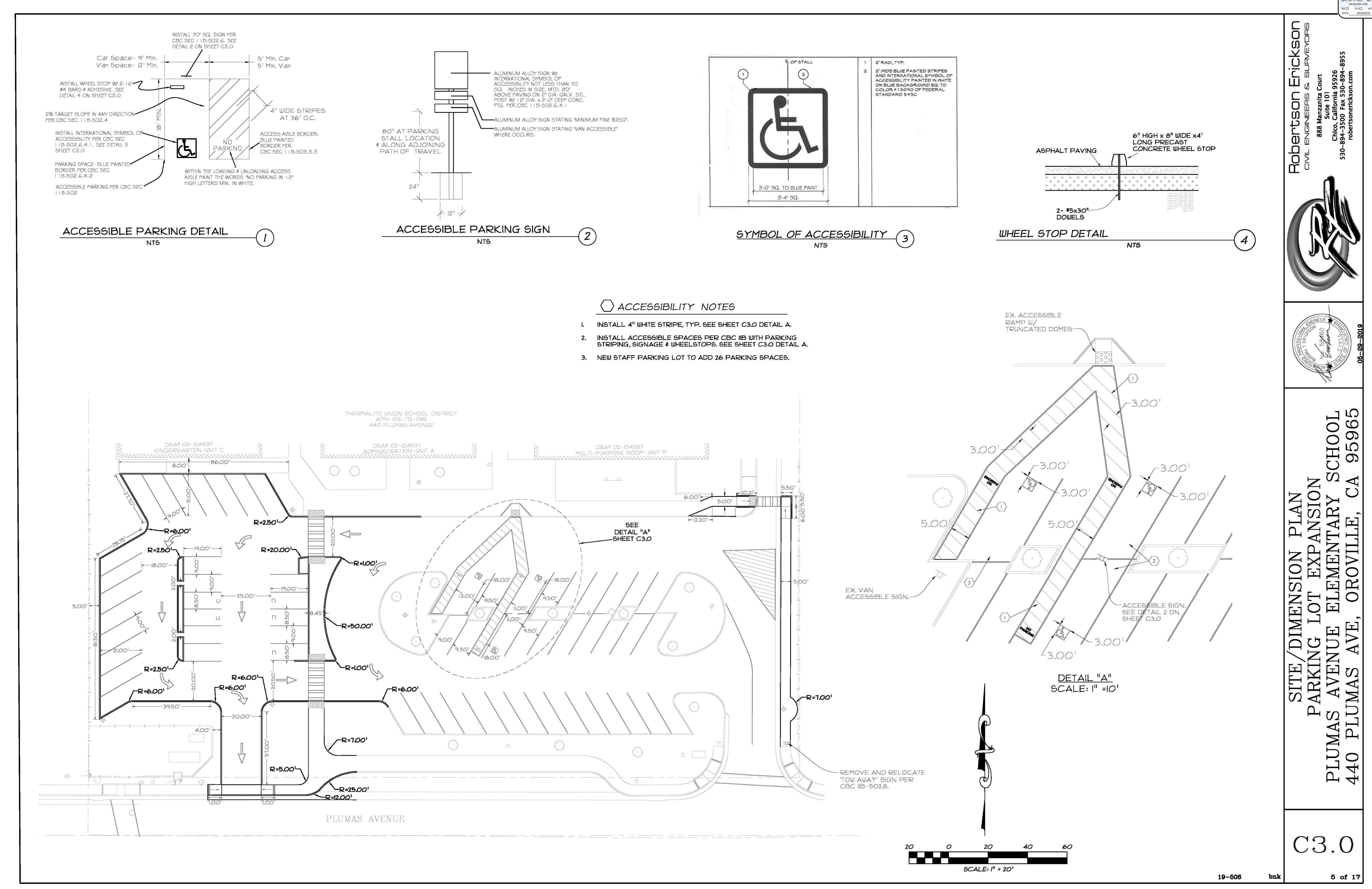
REMOVE AND PROPERLY DISPOSE OF TREE

REMOVE EXISTING SIDEWALK

REMOVE EXISTING PAVEMENT





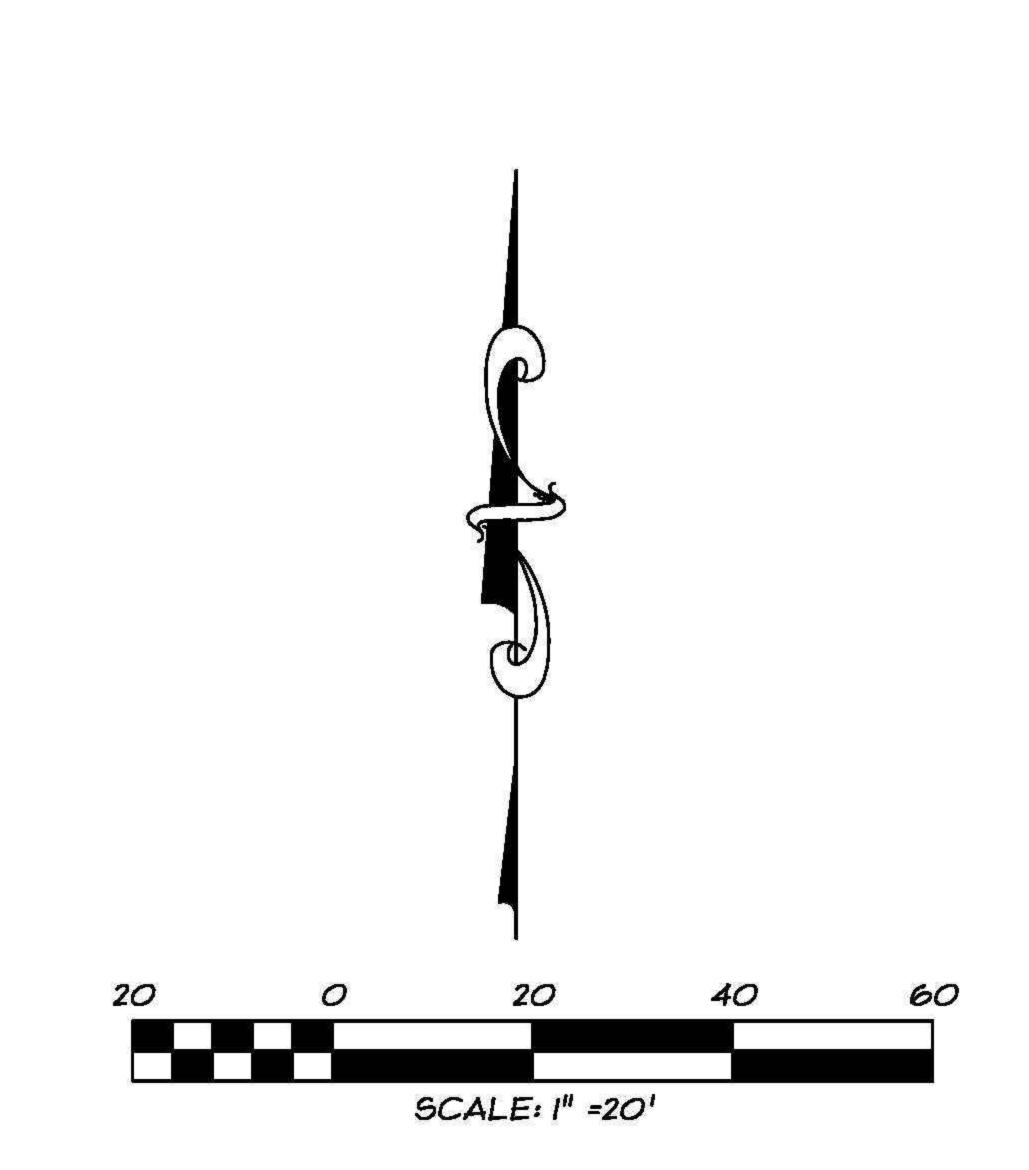


IDENTIFICATION STAMP DIV. OF THE STATE ARCHITEC

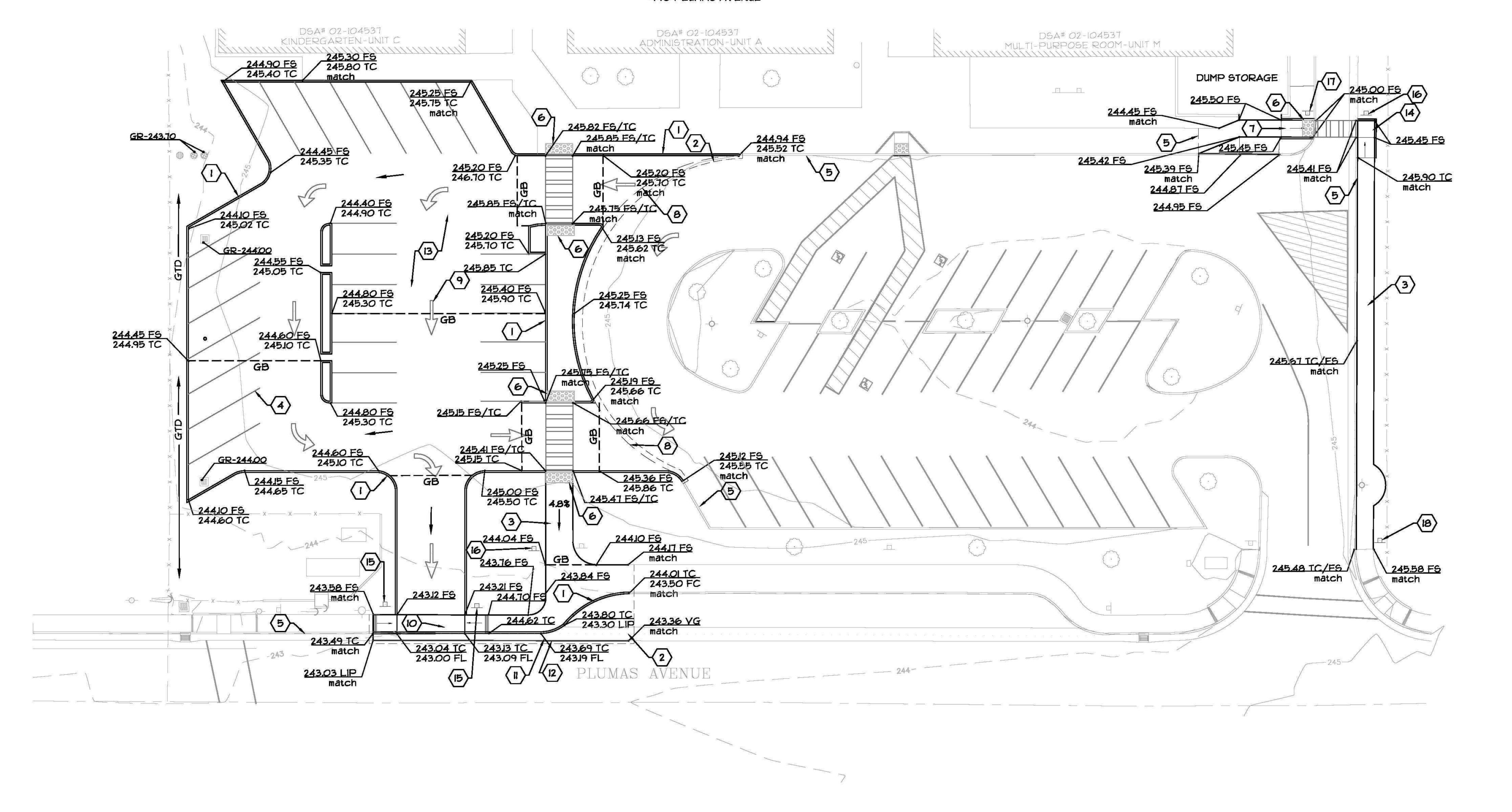
19-506

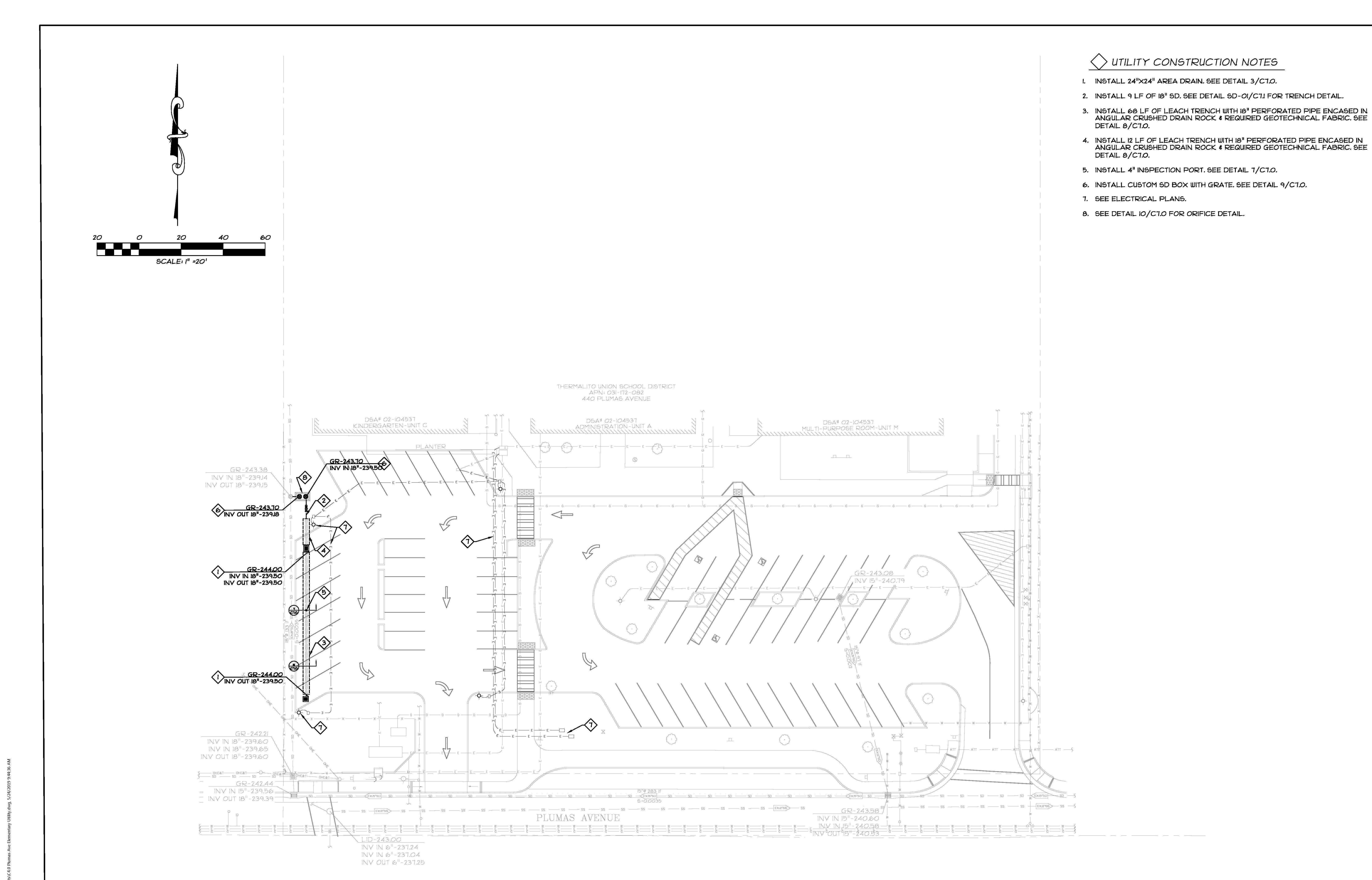
() GRADING CONSTRUCTION NOTES

- INSTALL VERTICAL CURB. SEE DETAIL 1/CT.O.
- 2. NEAT CUT AND CONFORM LINE.
- 3. INSTALL CONCRETE SIDEWALK AREA, SEE PAVING PLAN SHEET C5.0. MAX CROSS SLOPE=1.8%, MAX LONGITUDINAL SLOPE=4.5%.
- 4. INSTALL 4" WHITE STRIPE, TYP.
- 5. EXISTING CURB TO REMAIN.
- 6. INSTALL TRUNCATED DOMES, SEE DETAIL I/C7.
- 7. INSTALL ACCESSIBLE PEDESTRIAN RAMP. SEE DETAIL 6/C7.0.
- 8. PROPOSED AC PAVING TO EX. PAVING TRANSITION. SEE DETAIL 2/7.0.
- INSTALL WHITE PAVEMENT MARKINGS AS INDICATED ON PLAN.
- IO. INSTALL CITY OF OROYILLE STANDARD ST-12 COMMERCIAL DRIVEWAY APPROACH, SEE DETAIL SHEET 7.1.
- INSTALL CITY OF OROVILLE ST-07 CURB, GUTTER, AND SIDEWALK. SEE DETAIL SHEET C7.1.
- 12. INSTALL VALLEY GUTTER TO MATCH EXISTING. SEE DETAIL
- 13. INSTALL NEW ASPHALT PAYING SECTION. SEE PAYING PLAN SHEET C5.O.
- 14. INSTALL ACCESSIBLE PEDESTRIAN RAMP. SEE DETAIL 5/CT.O.
- 15. INSTALL "DO NOT ENTER" SIGN R5-I PER MUTCD 2009 EDITION.
- 16. RELOCATE EX. "DO NOT ENTER" SIGN R5-1 PER MUTCD 2009 EDITION.
- 17. RELOCATE EX. STOP SIGN RI-I PER MUTCD 2009 EDITION.
- 18. RELOCATE EX. "TOW AWAY" SIGN PER CBC 11B-502.8.



THERMALITO UNION SCHOOL DISTRICT APN: 031-172-082 440 PLUMAS AVENUE

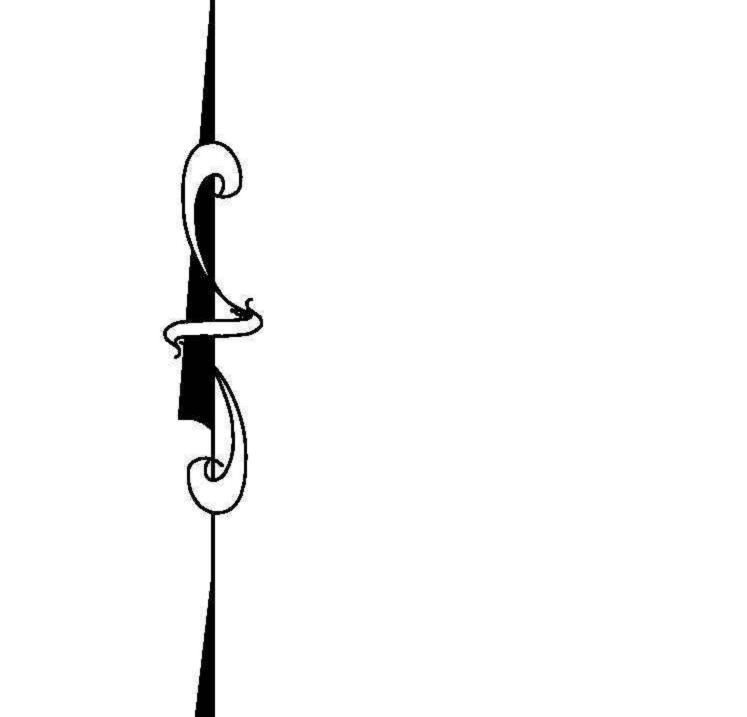




PARKING AREA 3" AC OVER 8" CLASS II AB @ 95% R.D. OVER I2" SUBGRADE @ 95% R.D. SEE DETAIL 2/CT.O FOR AC PAYING TO EX. AC PAYING TRANSITION.

ASPHALT CONCRETE PAYING SECTION 3" AC OVER 8" CLASS II AB @ 95% R.D. OVER 12" SUBGRADE @ 95% R.D. SEE DETAIL 2/CT.O FOR AC PAYING TO EX. AC PAYING TRANSITION.

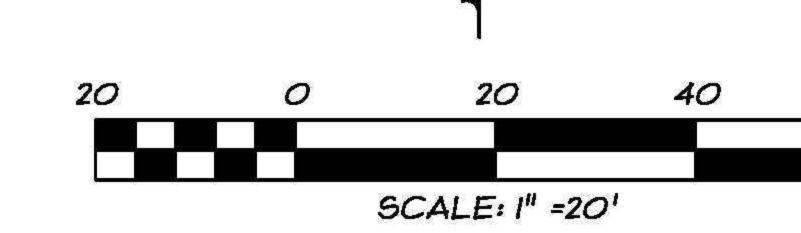
NON-HATCHED AREAS TO REMAIN AS-IS



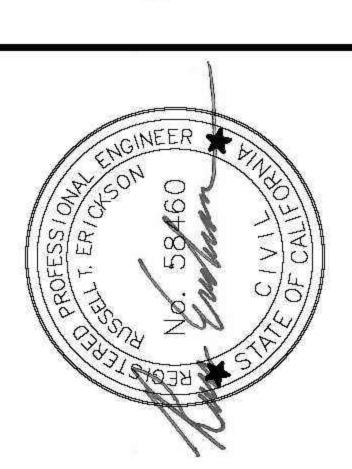
THERMALITO UNION SCHOOL DISTRICT APN: 031-172-082 440 PLUMAS AVENUE

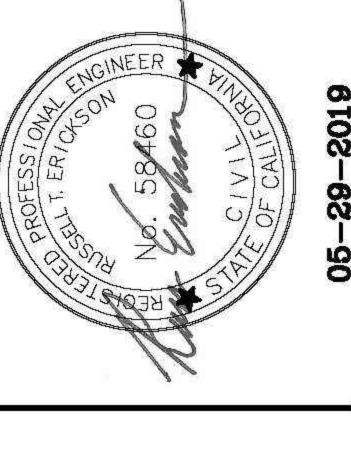
DSA# 02-104537 MULTI-PURPOSE ROOM-UNIT M

DSA# 02-104537 KINDERGARTEN-UNIT C









NOTES:

THESE BEST MANAGEMENT PRACTICES ARE SUGGESTIONS ONLY. IT IS UP TO THE CONTRACTOR IN CHARGE OF IMPLEMENTING THE EROSION & SEDIMENT CONTROL PLAN TO ENSURE THE ESCP AND ASSOCIATED BMP'S ARE UP TO DATE. AS CONDITIONS CHANGE, BMP's SHOULD BE MODIFIED AND/OR UPDATED ACCORDINGLY.

REFER TO CALTRANS BMP FACT SHEETS FOR SUGGESTED BMP INSTALLATION DETAILS.

STOCKPILES ARE TO BE COVERED WITH A TARP, EROSION CONTROL MATS, OR STRAW/TACKIFIER IF EXPOSED MORE THAN THAN 14 DAYS. DUMPSTERS SHALL BE COVERED WITH LIDS OR TARPS AT ALL TIMES.

PLACE STRAW MULCH W/ TACKIFIER OR EROSION CONTROL MATS ON ALL CUT/ FILL SLOPES IF EXPOSED DURING RAIN EVENTS.

USE WATER TRUCK AS NECESSARY TO MINIMIZE DUST.

SC-10 DI PROTECTION TYPE 2

Section A-A

FF = 244.75

─Stabilize area and

grade uniformly around perimeter

NOT TO SCALE

Note: Remove sediment

before reaching one—third full.

DURING CONSTRUCTION ACTIVITIES ALL STREETS ADJACENT TO THIS SITE SHALL BE KEPT CLEAN AND FREE OF DIRT AND DEBRIS. STREET CLEANING SHALL OCCUR DAILY UNLESS DETERMINED TO BE NEEDED MORE FREQUENTLY OR LESS FREQUENTLY BY THE CITY. INSPECT ACCESS STREETS & DRIVEWAYS

Fiber Roll Per SC-05 (Secure with gravel or sand bags)

For use in cleared and grubbed and in graded areas.
 Shape basin so that longest inflow area faces longest length of trap.
 For concentrated flows, shape basin in 2:1 ratio with length oriented towards direction of flow.

DUST CONTROL MEASURES:

Concentrated ----

Sheet flow

×

L-----

L-----

- THE CONTRACTOR SHALL BE RESPONSIBLE FOR ENSURING THAT ALL ADEQUATE DUST CONTROL MEASURES ARE IMPLEMENTED IN A TIMELY AND EFFECTIVE
- MANNER DURING ALL PHASES OF PROJECT DEVELOPMENT AND CONSTRUCTION. ALL MATERIAL EXCAVATED, STOCKPILED, OR GRADED SHOULD BE SUFFICIENTLY WATERED TO PREVENT FUGITIVE DUST FROM LEAVING PROPERTY BOUNDARIES AND CAUSING A PUBLIC NUISANCE OR A VIOLATION OF AN AMBIENT AIR STANDARD. WATERING SHOULD OCCUR AT LEAST TWICE DAILY WITH COMPLETE SITE COVERAGE, PREFERABLY IN THE MID-MORNING AND AFTER WORK IS COMPLETED EACH DAY.
- . ALL AREAS (INCLUDING UNPAYED ROADS) WITH VEHICLE TRAFFIC SHOULD BE WATERED PERIODICALLY OR HAVE DUST PALLIATIVES APPLIED FOR STABILIZATION OF DUST EMISSIONS.
- 4. ALL ON SITE VEHICLES SHOULD BE LIMITED TO A SPEED OF 15 MILES PER HOUR ON UNPAYED ROADS.
- 5. ALL LAND CLEARING, GRADING EARTH MOVING OR EXCAVATION ACTIVITIES ON A PROJECT SHALL BE SUSPENDED WHEN WINDS ARE EXPECTED TO EXCEED 20 MILES PER HOUR.

SCHOOL SIGN

TRASH

6. ALL INACTIVE PORTIONS OF THE DEVELOPMENT SITE SHOULD BE SEEDED AND WATERED UNTIL A SUITABLE LANDSCAPE COVER IS ESTABLISHED.

polypropylene fabric type

insert (or engineer

Fiber Roll Per SC-05

or sand bags)

THERMALITO UNION SCHOOL DISTRICT APN: 031-172-082

440 PLUMAS AVENUE

S SEPTIC LID

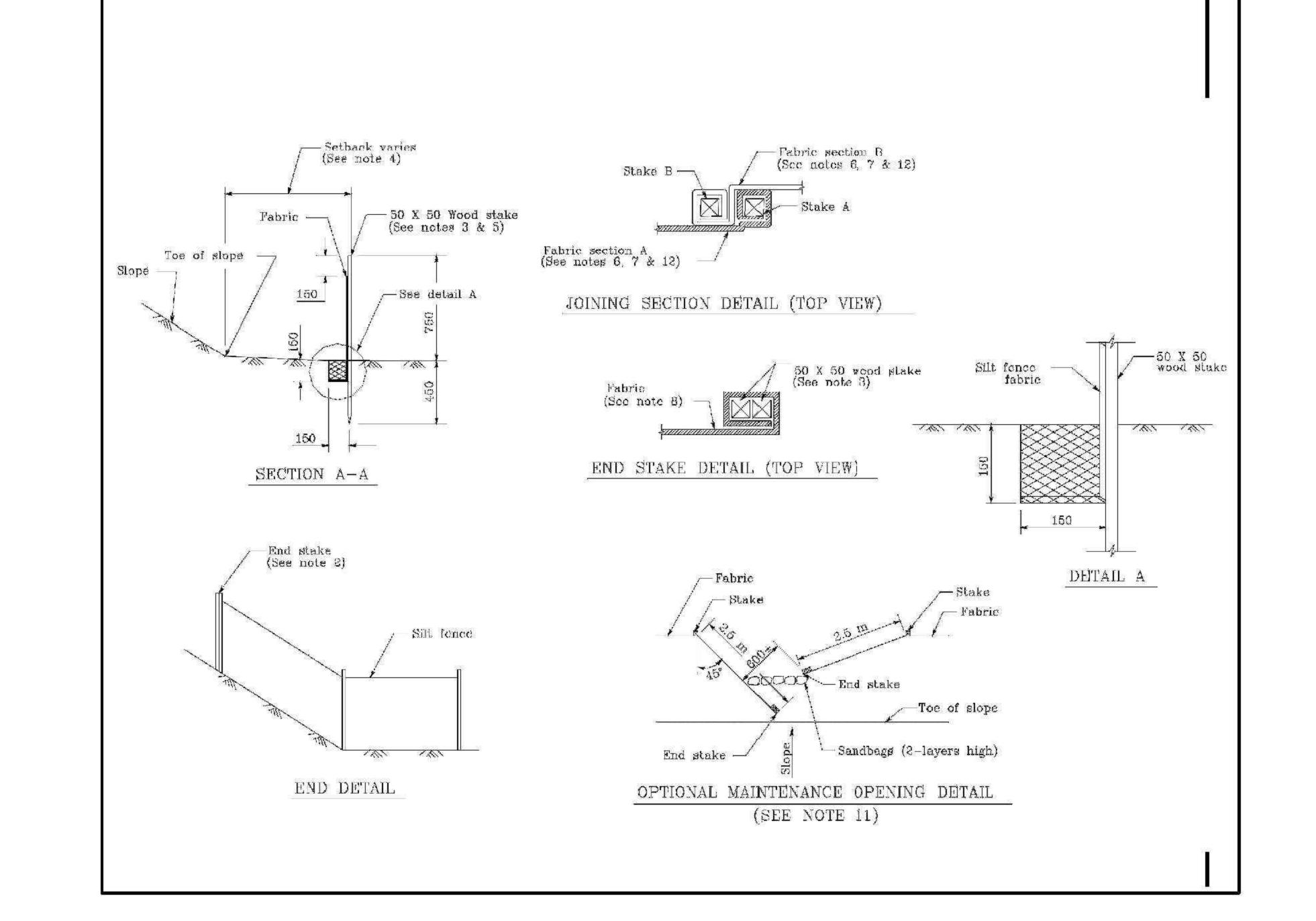
CENTERLINE

(Secure with gravel

Rock filter(use if flow

__Edge of

is concentrated)



LEGEND

SF/SR

DRAINAGE PATTERNS

LIMITS OF CONSTRUCTION

STABILIZED ENTRANCE

CONCRETE WASHOUT

SILT FENCE/STRAW ROLLS

STABILIZED CONSTRUCTION ENTRANCE (SE)

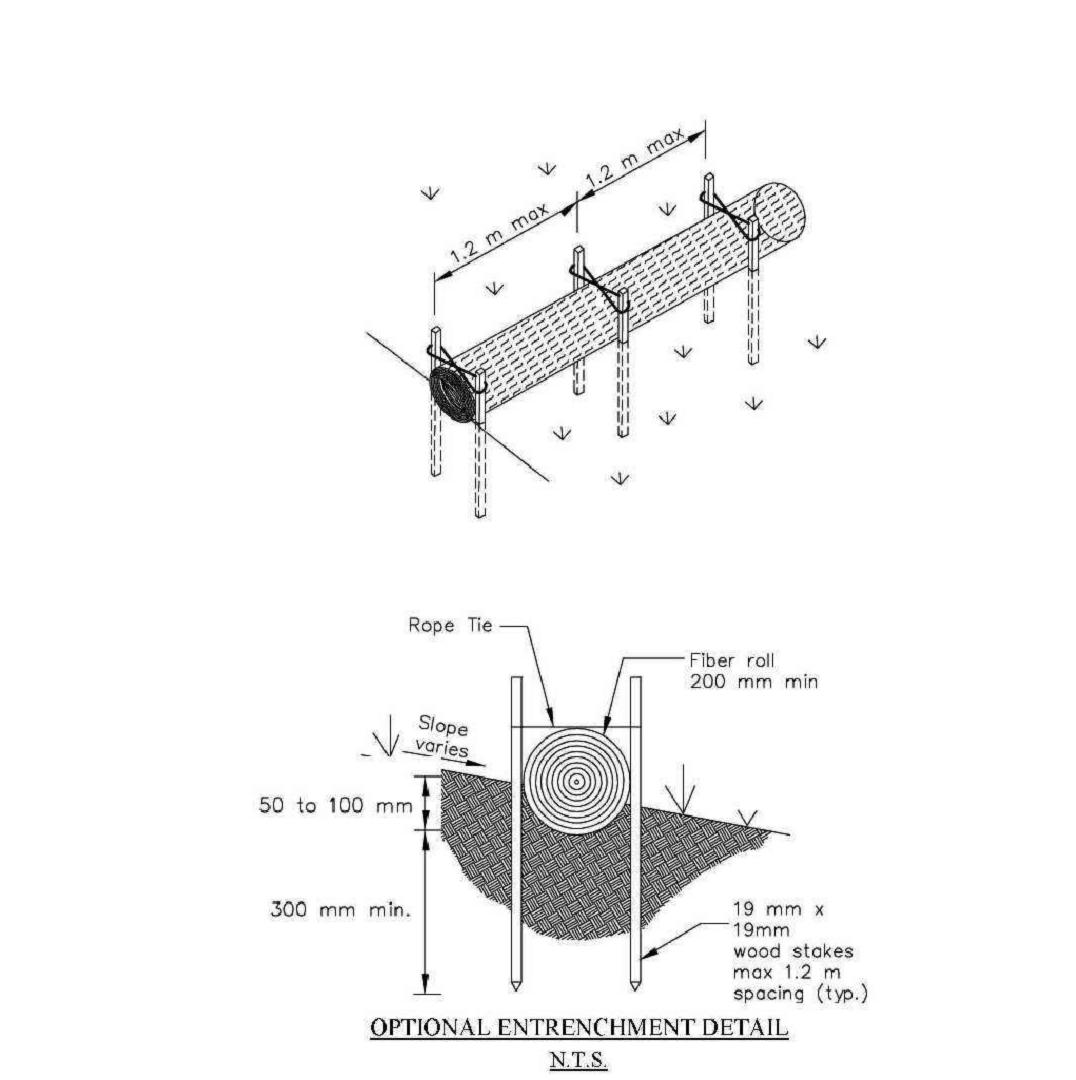
SCALE: I" =20'

SILT FENCE OR STRAW ROLLS

STORM DRAIN CATCH BASIN DRAINAGE INLET SILT BARRIER

PROVIDE SILT BARRIER OR PROTECTION AT ALL LANDSCAPE

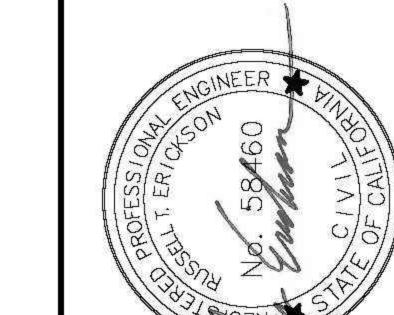
(ADJUST TO SUIT FIELD CONDITIONS)

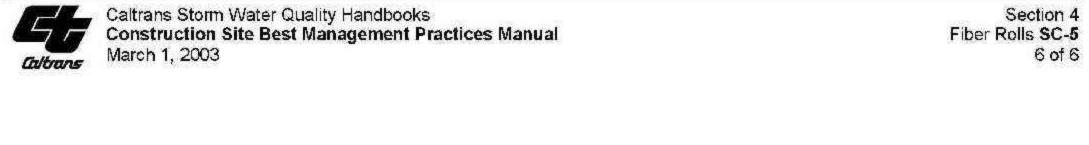


Fiber Rolls

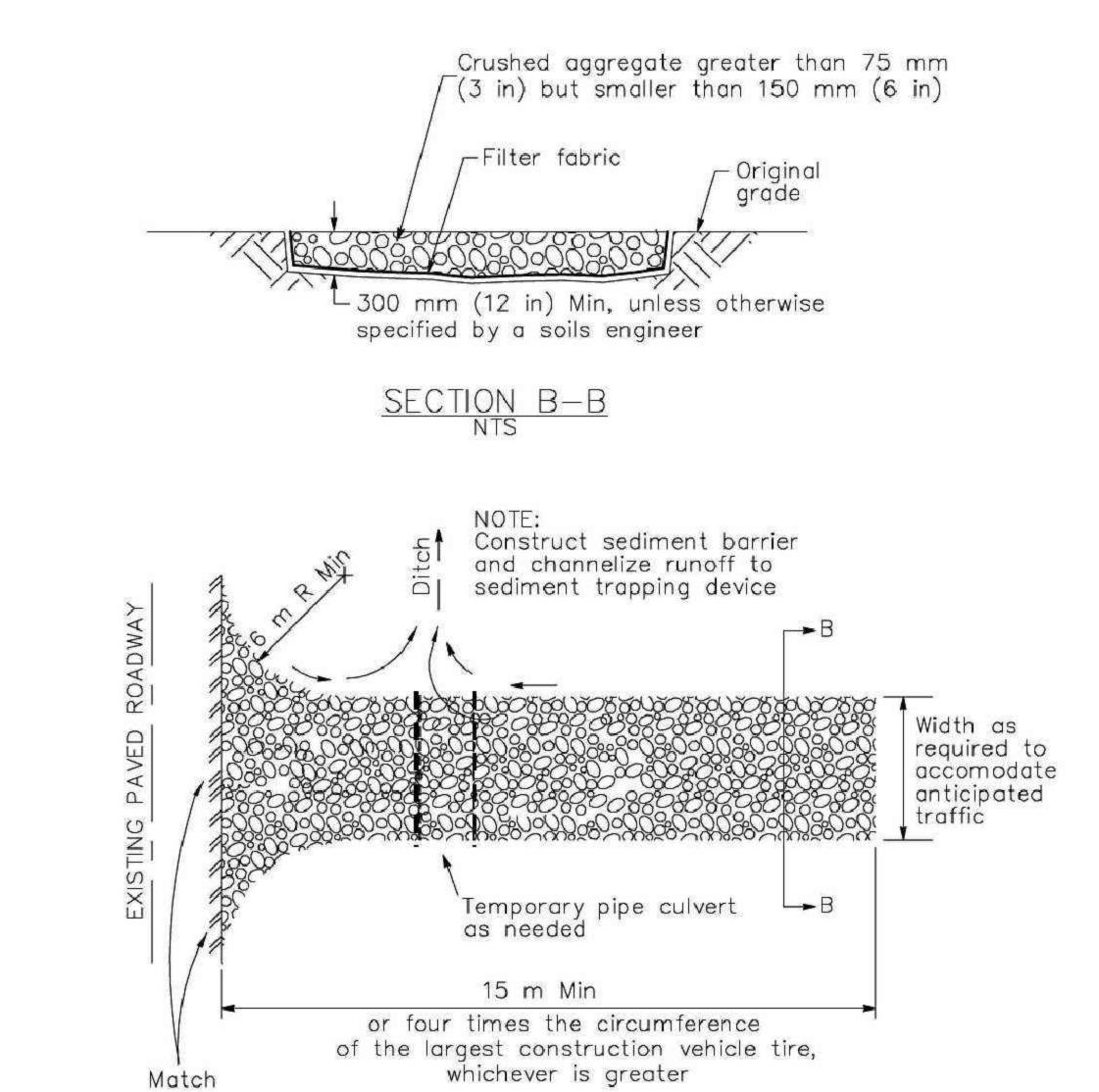


SC-5





Stabilized Construction Entrance/Exit TC-1



Stabilized Contraction Entrance/Exit (Type 1)

Caltrans Storm Water Quality Handbooks

EROSION, SEDIMENT, POLLUTION CONTROL ELEMENTS

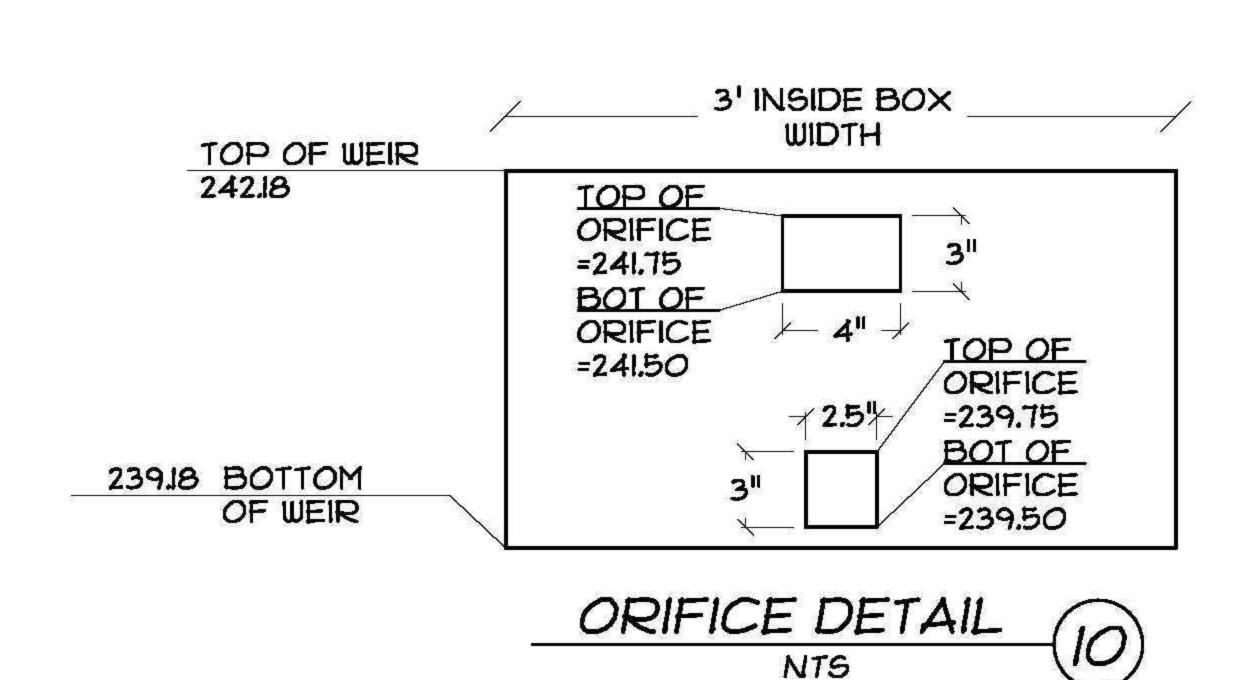
KEY	ITEM	INSTALLATION	REMOVAL
	SILT FENCE STRAW ROLL	PRIOR TO CLEARING & GRADING	AFTER FINAL LANDSCAPING IS INSTALLED & SEED BEGINS TO GROW
	DRAINAGE INLET SILT BARRIER	AS SOON AS STORM DRAIN SYSTEM IS INSTALLED	AFTER FINAL LANDSCAPING IS INSTALLED & SEED BEGINS TO GROW
CW	CONCRETE WASHOUT AREA	PRIOR TO CONCRETE POURS	AFTER ALL SITE CONCRETE HAS BEEN COMPLETED
0	LANDSCAPE DRAIN SILT BARRIER	AS SOON AS STORM DRAIN SYSTEM IS INSTALLED	AFTER FINAL LANDSCAPING IS INSTALLED & SEED BEGINS TO GROW

SURFACE AREA CALCULATION TOTAL DISTURBED AREA 0.54 ac. (on-site area)



LEACH TRENCH SECTION

24" CAST IRON ROUND INLET GRATE W/ LOCKING CAPABILITY 24" CAST IRON ROUND INLET GRATE W/LOCKING CAPABILITY 243.70 GRATE 243.70 GRATE FINISHED FINISHED GRADE _ CONC. RISERS AS NECESSARY OPEN EMERGENCY OVERFLOW 239.50 IB" INY 18" PIPE 239.18 18" INV COOK CONCRETE



OUTLET STRUCTURE CROSS SECTION

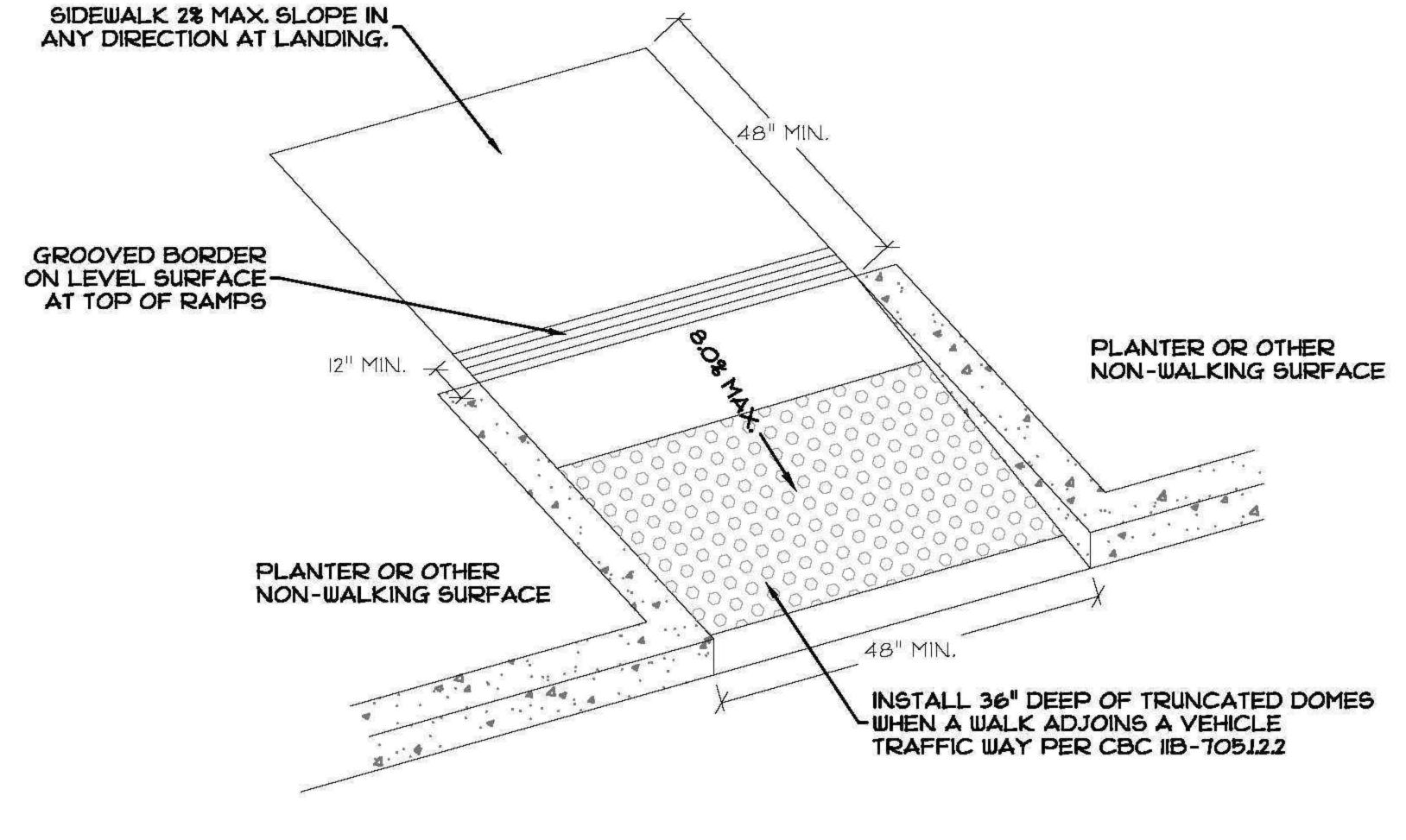
10 of 17

SIDEWALK * SEE THE GEOTECHNICAL INVESTIGATION REPORT FOR SECTION AND INSTALLATION RECOMMENDATIONS SEE THE PAVEMENT PLAN SHEET C5.0 * TOP 12" SUBGRADE SCARIFY & COMPACT TO 95% REL. COMP.

CURB, SIDEWALK & PAYEMENT SECTION

SEAL ALL JOINTS WITH TACK COAT FLUSH HORIZONTAL TRANSITION EX. AC PAVING--NEW AC PAYING

AC PAYING TO EX. AC PAYING



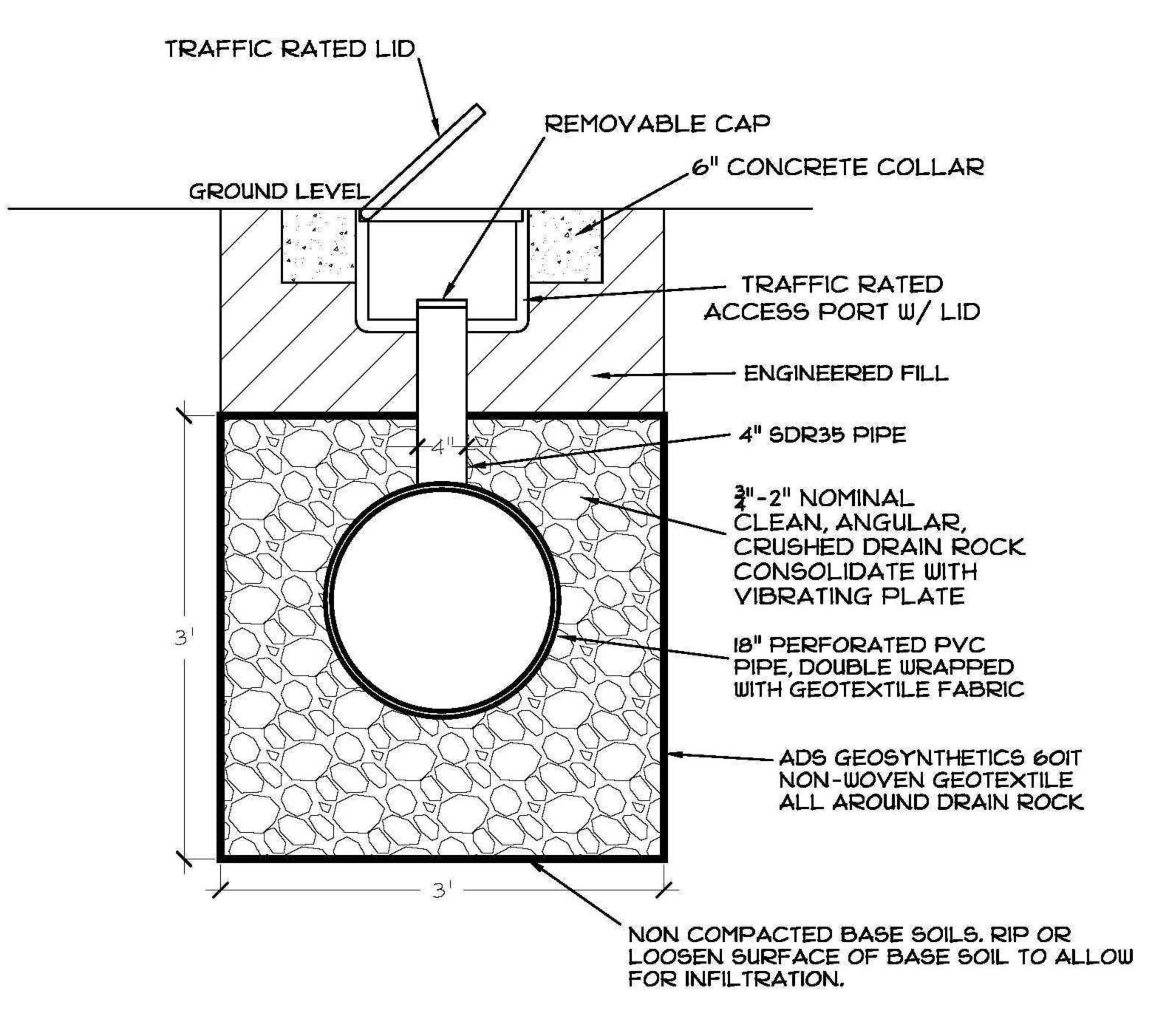
CURB CUT RAMP DETAIL

NOTE: 2% MAX. CROSS SLOPE IN— ANY DIRECTION IN LANDING

CURB CUT RAMP DETAIL 6

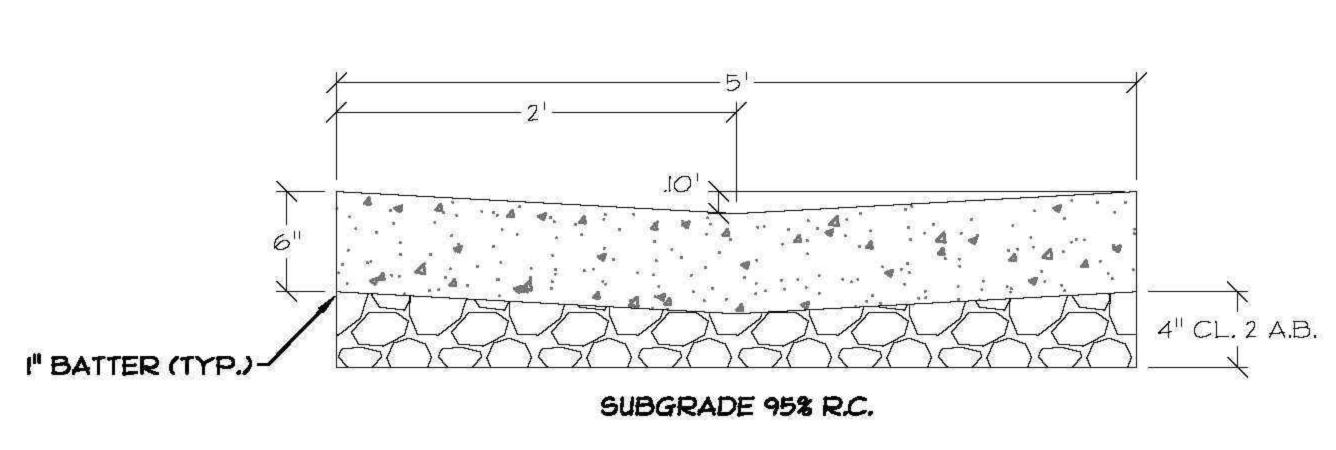
LANDSCAPE

INSTALL 36" OF TRUNCATED
DOMES WHEN A WALK
ADJOINS A VEHICLE TRAFFIC
WAY PER CBC IIB-705J.2.2



INSPECTION PORT SECTION

GALVANIZED H20 TRAFFIC GRATE. SURFACE-24"x24" ID AREA DRAIN.------- SD PIPE SIZED PER PLAN I. CONCRETE COMPRESSIVE STRENGTH 4000 PSI AT 28 DAYS REINFORCED FOR H-20 WHEEL LOADING. ___ 2. OPENINGS SIZED PER PLAN. 3. USE 24"x24" GRATE ON 36"x36" DRAIN 4. ADJUST SIDE OF AREA DRAIN TO ACCEPT ALL PIPE SIZES OPEN OR PERFORATED TYPICAL AREA DRAIN



P.C.C. VALLEY GUTTER DETAIL

19-506

TRAFFIC LOAD RATED

CUSTOM PRECAST 6'

x 41 JUNCTION BOX

WITH WEIR.

MAY BE USED WITH APPROVAL

FROM THE PUBLIC WORKS

TRENCH WIDTH = PIPE O.D. + 12" MIN. TRENCH WIDTH = PIPE O.D. + 24" MAX. TYPICAL TRENCH DETAIL

LANDSCAPING OR STRUCTURAL SECTION

(STRUCTURAL SECTION INCLUDES AB AND AC SECTIONS)

CLASS 2 AGGREGATE BASE

FROM TOP OF PIPE ZONE TO

12" BELOW SUBBASE. NATIVE

SOIL MAY BE SUBSTITUTED WITH

PERMISSION FROM THE PUBLIC

WORKS DIRECTOR. COMPACT T

95% RELATIVE DENSITY.

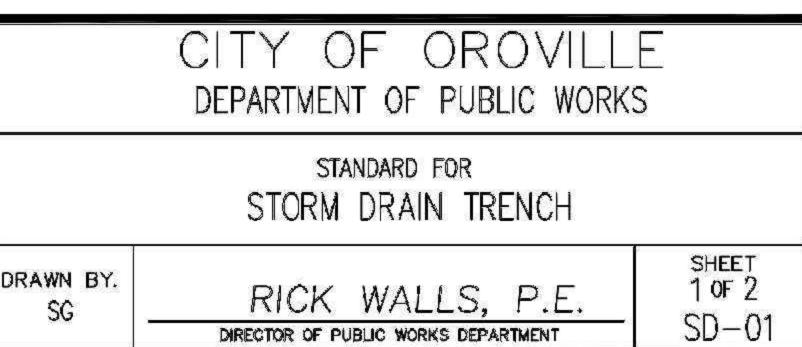
%" CRUSHED ROCK
BACKFILL FOR PIPE ZONE

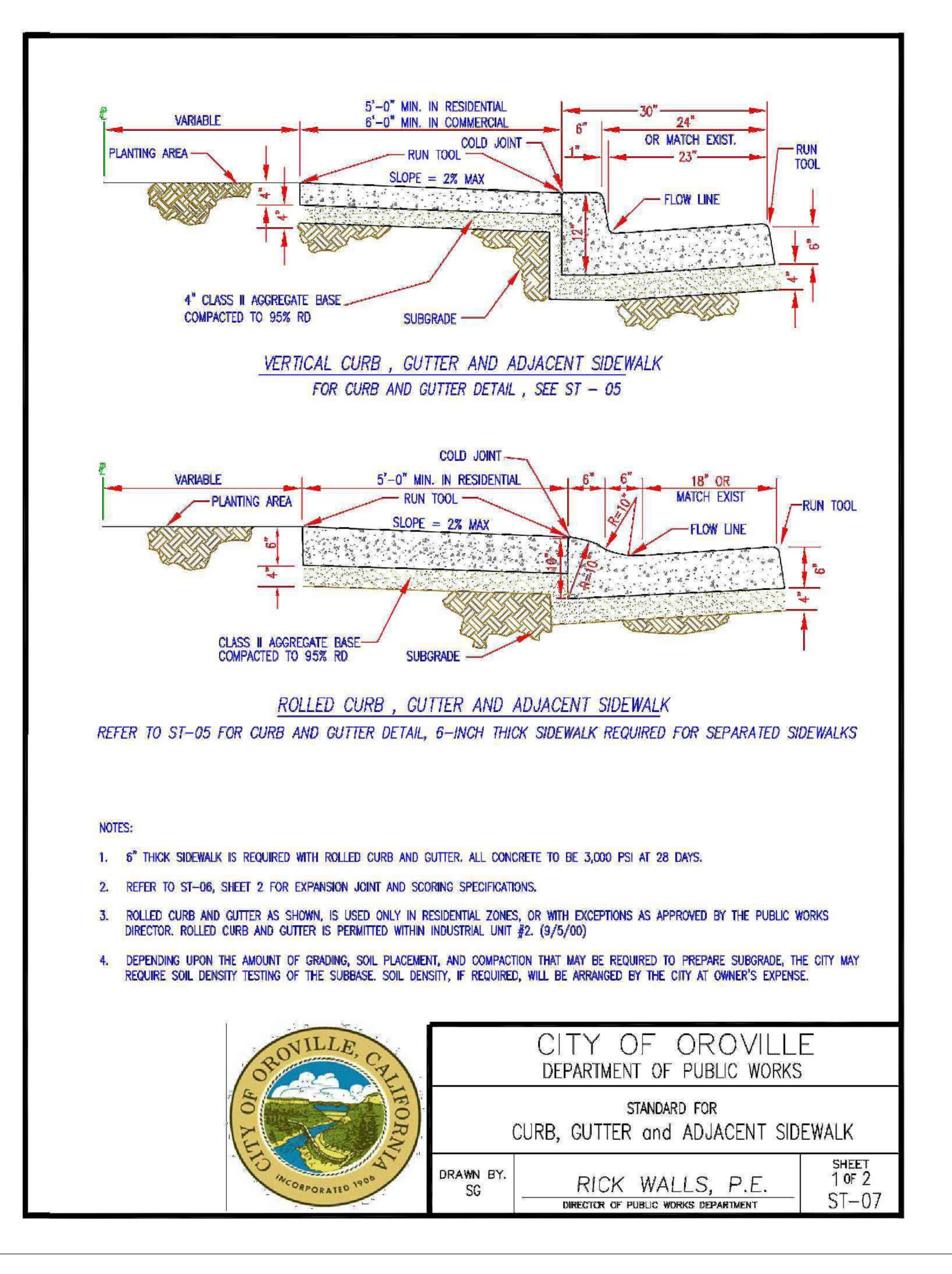
FROM TRENCH BOTTOM

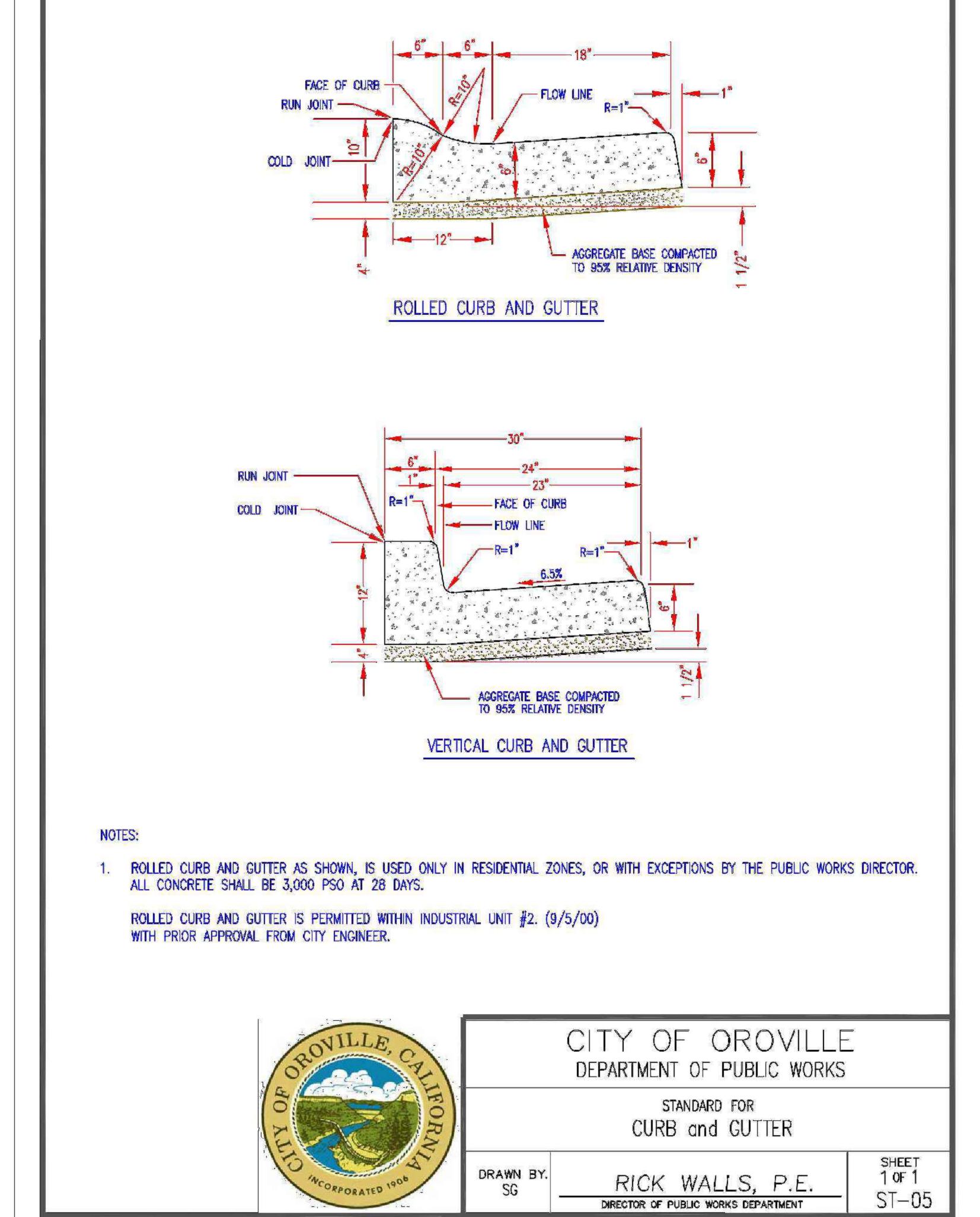
TO 12" ABOVE TOP OF

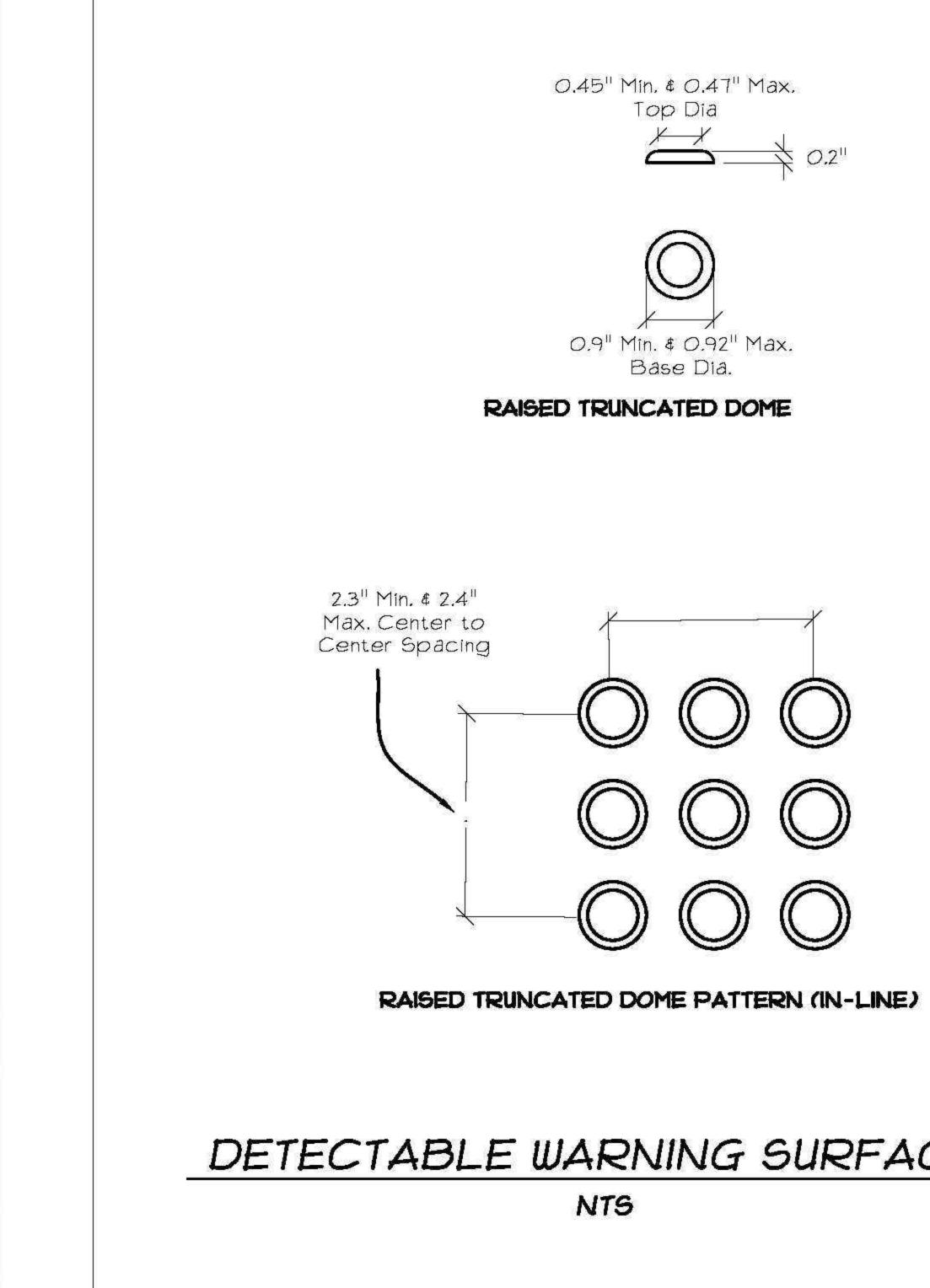
- THE CITY MAY REQUIRE FIELD GEOTECHNICAL OVERSIGHT AND FIELD DENSITY TESTING TO CONFIRM COMPLIANCE WITH THIS STANDARD. THE COST FOR FIELD OVERSIGHT SHALL BE PAID BY THE OWNER. COMPACTED BACKFILL MATERIAL NOT MEETING THE DENSITY REQUIREMENTS OF THIS STANDARD SHALL BE REMOVED, REPLACED, AND RECOMPACTED TO THE CITY'S SATISFACTION.
- UTILITY TRENCHES THAT ARE OUTSIDE OF VEHICULAR TRAFFIC AREAS (I.E. PUE, LANDSCAPED AREAS, ETC.) MAY BE COMPACTED TO 90% RD.

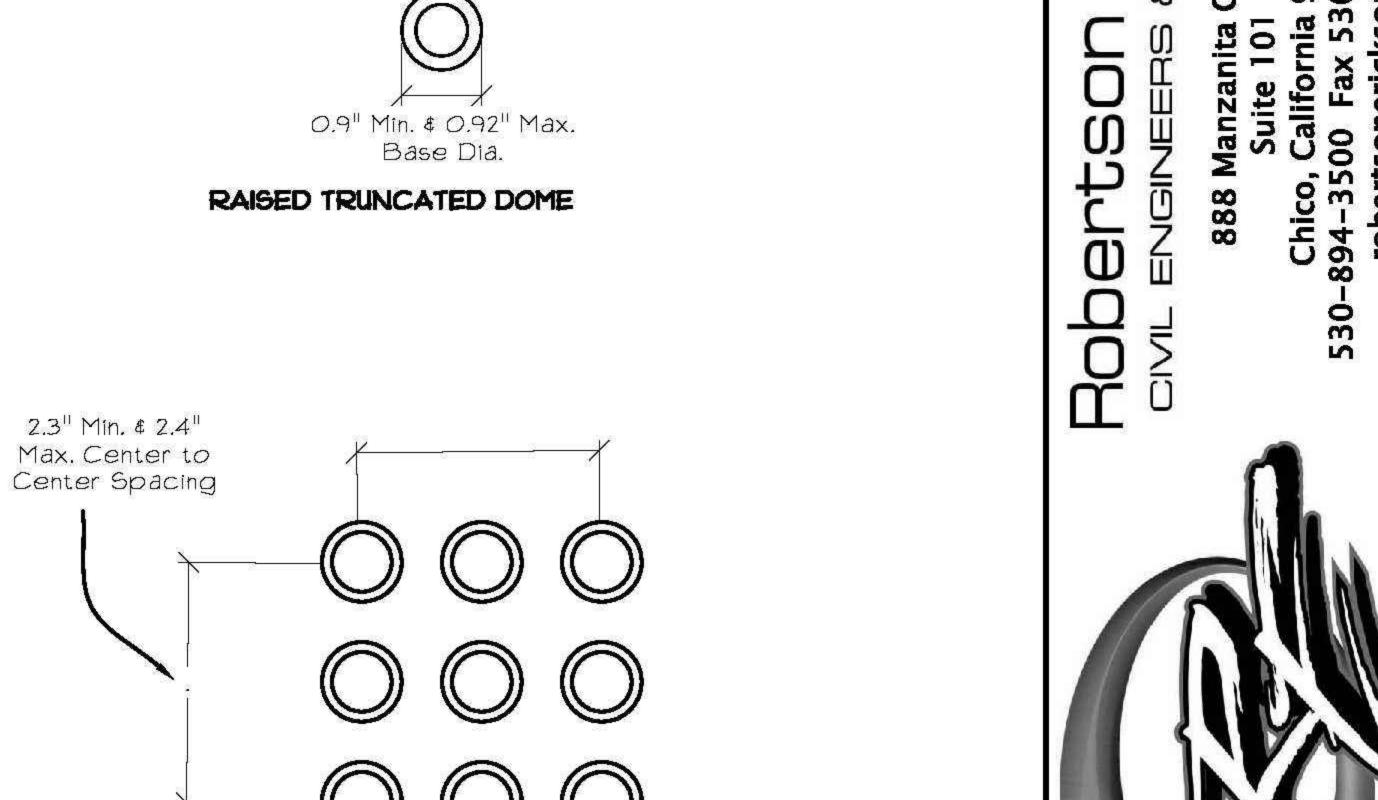










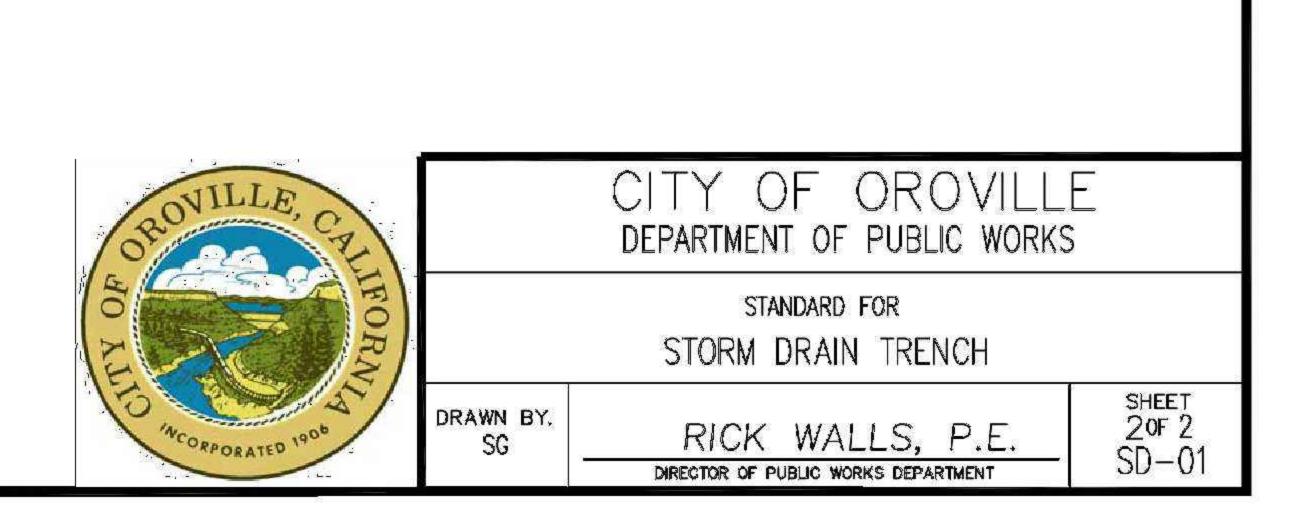


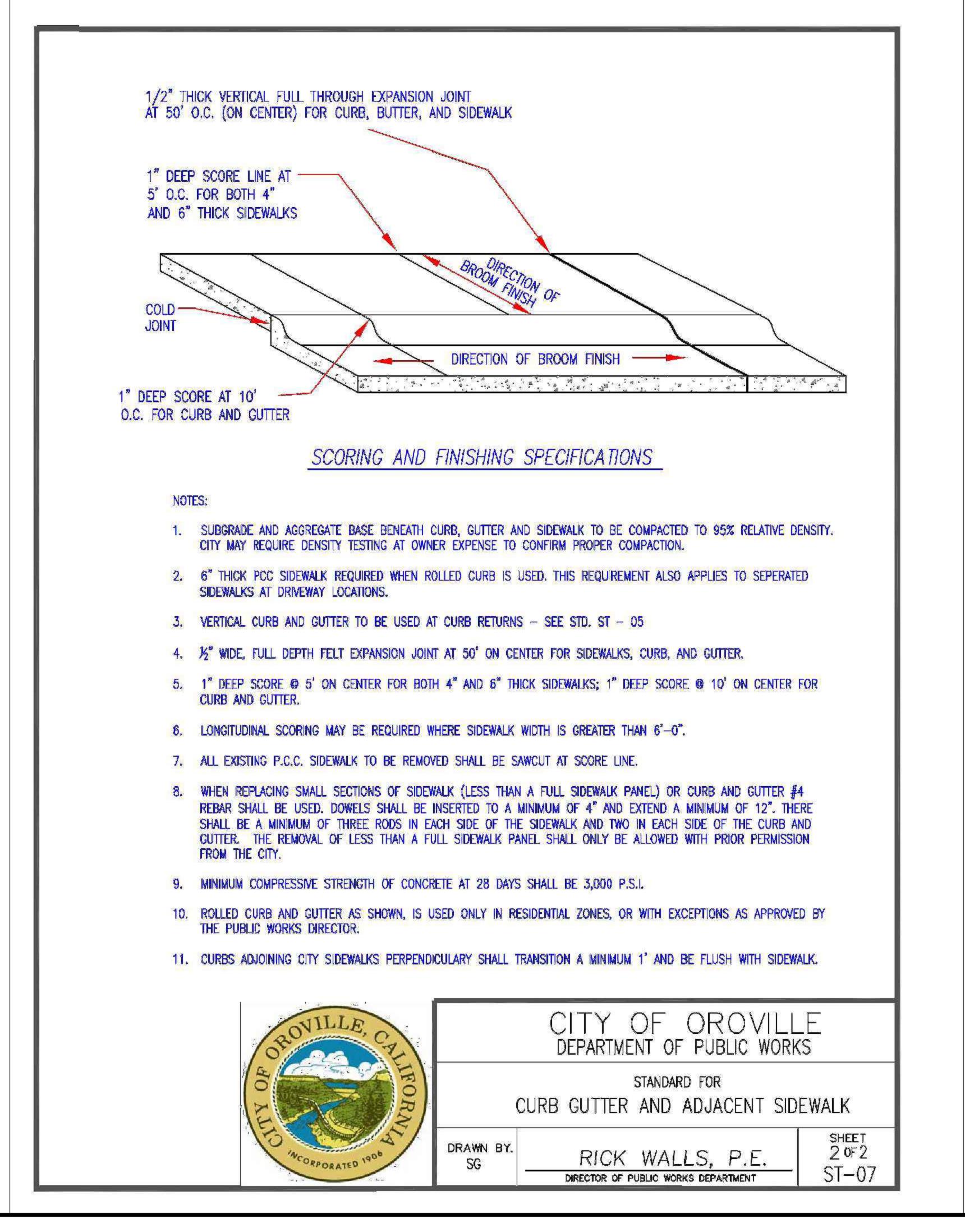
DETECTABLE WARNING SURFACE

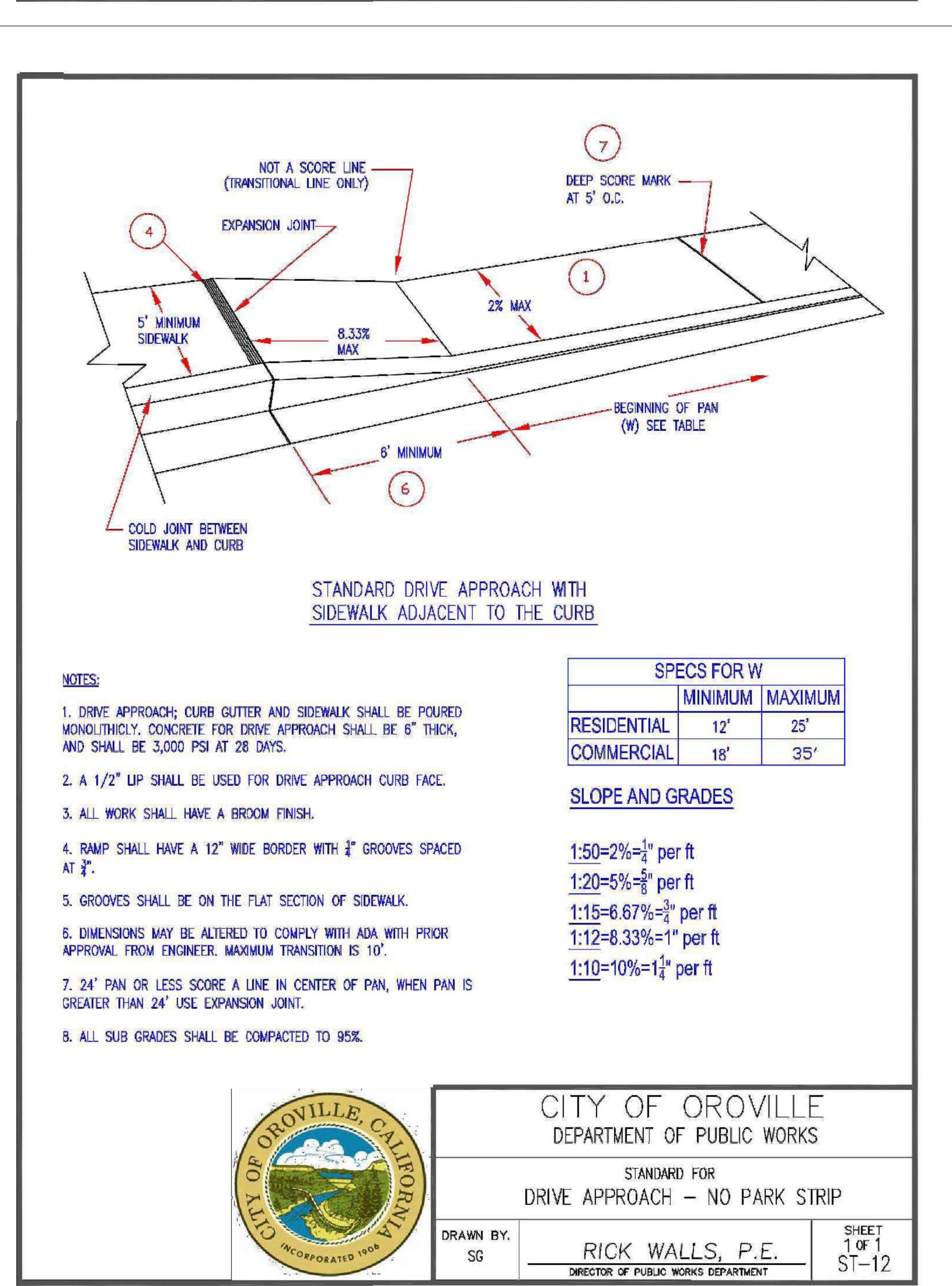
0.45" Min. & 0.47" Max.

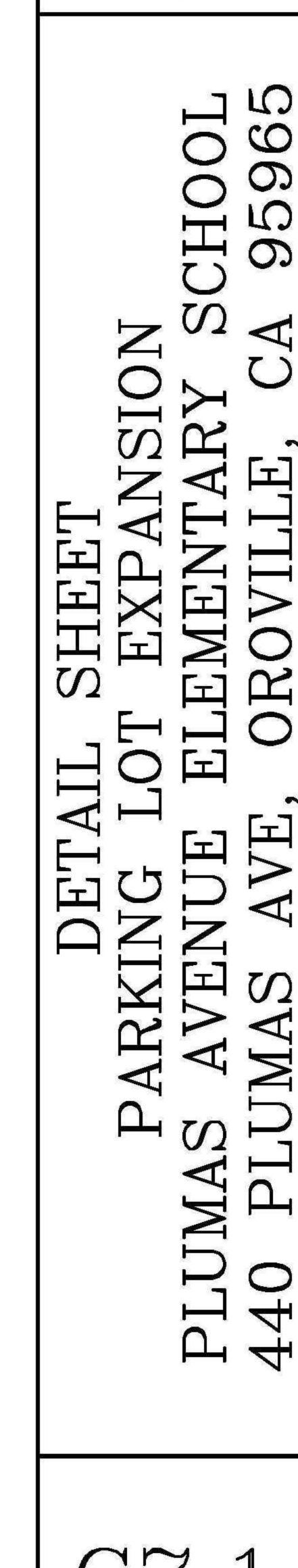


- 1. THESE NOTES SHALL APPLY TO ALL STORM DRAIN PIPE
- 2. STORM DRAIN PIPE MUST BE AT LEAST 12" IN DIAMETER, SITE DRAINS LESS THAN 12" IN DIAMETER MUST BE APPROVED BY THE CITY ENGINEER.
- THE LENGTH OF STORM DRAIN PIPE WHICH EXTENDS BEYOND THE PUBLIC RIGHT OF WAY SHALL BE COMPACTED TO 95% RELATIVE DENSITY IF THE CITY WILL OWN THE IMPROVEMENT. THE USE OF NATIVE SOIL MAY BE ALLOWED WITH APPROVAL FROM THE CITY ENGINEER.
- 4. PIPE BEDDING MUST BE LAID BEFORE THE PIPE.
- 5. CORREGATED METAL PIPE (CMP) SHALL NOT BE USED.
- 6. REFER TO STANDARD ST-29 FOR PAVEMENT REPLACEMENT.
- 7. ANY PIPE WITH A FILL DEPTH OF LESS THAN 12" FROM TOP OF PIPE TO SUBGRADE SHALL BE RCP.









19-506

11 of 17

ALL MECHANICAL, PLUMBING AND ELECTRICAL COMPONENTS SHALL BE ANCHORED AND INSTALLED PER THE DETAILS ON THE DSA APPROVED CONSTRUCTION DOCUMENTS. WHERE NO DETAIL IS INDICATED, THE FOLLOWING COMPONENTS SHALL BE ANCHORED OR BRACED TO MEET THE FORCE AND DISPLACEMENT REQUIREMENTS PRESCRIBED IN THE 2016 CBC, SECTIONS 1616A.1.18 THROUGH 1616A.1.26 AND ASCE 7-10 CHAPTER 13, 26 AND 30.

- ALL PERMANENT EQUIPMENT AND COMPONENTS
- TEMPORARY OR MOVABLE EQUIPMENT THAT IS PERMANENTLY ATTACHED (E.G. HARD WIRED) TO THE BUILDING
- UTILITY SERVICES SUCH AS ELECTRICITY, GAS OR WATER. MOVABLE EQUIPMENT WHICH IS STATIONED IN ONE PLACE FOR MORE THAN 8 HOURS AND HEAVIER THAN 400 POUNDS OR HAS A CENTER OF MASS LOCATED 4 FEET OR MORE ABOVE THE ADJACENT FLOOR OR ROOF LEVEL THAT DIRECTLY SUPPORT THE COMPONENT ARE REQUIRED TO BE ANCHORED WITH TEMPORARY ATTACHMENTS.

THE FOLLOWING MECHANICAL AND ELECTRICAL COMPONENTS SHALL BE POSITIVELY ATTACHED TO THE STRUCTURE, BUT THE ATTACHMENT NEED NOT BE DETAILED ON THE PLANS. THESE COMPONENTS SHALL HAVE FLEXIBLE CONNECTIONS PROVIDED BETWEEN THE COMPONENT AND ASSOCIATED DUCTWORK, PIPING AND CONDUIT

- COMPONENTS WEIGHING LESS THAN 400 POUNDS AND HAVE A CENTER OF MASS LOCATED 4 FEET OR LESS ABOVE THE ADJACENT FLOOR OR ROOF LEVEL THAT DIRECTLY SUPPORT THE COMPONENT
- . COMPONENTS WEIGHING LESS THAN 20 POUNDS, OR IN THE CASE OF DISTRIBUTED SYSTEMS, LESS THAN 5 POUNDS PER FOOT, WHICH ARE SUSPENDED FROM A ROOF OR FLOOR OR HUNG FROM A WALL

FOR THOSE ELEMENTS THAT DO NOT REQUIRE DETAILS ON THE APPROVED DRAWINGS, THE INSTALLATION SHALL BE SUBJECT TO THE APPROVAL OF THE DESIGN PROFESSIONAL IN GENERAL RESPONSIBLE CHARGE OR STRUCTURAL ENGINEER DELEGATED RESPONSIBILITY AND THE DSA DISTRICT STRUCTURAL ENGINEER. THE PROJECT INSPECTOR WILL VERIFY THAT ALL COMPONENTS AND EQUIPMENT HAVE BEEN ANCHORED IN ACCORDANCE WITH ABOVE REQUIREMENTS

PIPING, DUCTWORK, AND ELECTRICAL DISTRIBUTION SYSTEM BRACING NOTE

PIPING, DUCTWORK, AND ELECTRICAL DISTRIBUTION SYSTEMS SHALL BE BRACED TO COMPLY WITH THE FORCES AND DISPLACEMENTS PRESCRIBED IN ASCE 7-10 SECTION 13.3 AS DEFINED IN ASCE 7-10 SECTION 13.6.5.6, 13.6.7, 13.6.8, AND 2016 CBC, SECTIONS 1616A.1.24, 1616A.1.25 AND 1616A.1.26.

THE METHOD OF SHOWING BRACING AND ATTACHMENTS TO THE STRUCTURE FOR THE IDENTIFIED DISTRIBUTION SYSTEM ARE AS NOTED BELOW. WHEN BRACING AND ATTACHMENTS ARE BASED ON A PREAPPROVED INSTALLATION GUIDE (E.G. SMACNA OR OSHPD OPM), COPIES OF THE BRACING SYSTEM INSTALLATION GUIDE OR MANUAL SHALL BE AVAILABLE ON THE JOBSITE PRIOR TO THE START OF AND DURING THE HANGING AND BRACING OF THE DISTRIBUTION SYSTEMS. THE STRUCTURAL ENGINEER OF RECORD SHALL VERIFY THE ADEQUACY OF THE STRUCTURE TO SUPPORT THE HANGER AND BRACE LOADS.

MECHANICAL PIPING (MP), MECHANICAL DUCTS (MD), PLUMBING PIING (PP), ELECTRICAL DISTRIBUTION SYSTEMS (E):

MP □ MD □ PP □ E ■ OPTION 1: DETAILED ON THE APPROVED DRAWINGS WITH PROJECT SPECIFIC NOTES

OPTION 2: SHALL COMPLY WITH THE APPLICABLE OSHPD PRE-APPROVAL (OPM #)

OPTION 3: SHALL COMPLY WITH THE SMACNA SEISMIC RESTRAINT MANUAL, OSHPD EDITION (2009), INCLUDING ANY ADDENDA. FASTENERS AND OTHER ATTACHMENTS NOT SPECIFICALLY IDENTIFIED IN THE SMACNA SEISMIC RESTRAINT MANUAL, OSHPO EDITION, ARE DETAILED ON THE APPROVED DRAWINGS WITH PROJECT SPECIFIC NOTES AND DETAILS. THE DETAILS SHALL ACCOUNT FOR THE APPLICABLE SEISMIC HAZARD LEVEL ____ AND CONNECTION LEVEL ____ FOR THE PROJECT AND CONDITIONS.

		LUMIN	AIRE	SCH	HEDU	JLE		
Note:		anufacturer listed for each luminare type Iditional manufacturers shown may subm						reviewe
TYPE	MANUFACTURER	CATALOG NUMBER	LAMP TYPE	NO. OF LAMPS	FIXTURE WATTS	MOUNTING	DESCRIPTION	NOTE
SA	LITHONIA	DSX0-LED-P5-30K-BLC-MVOLT-SPA- PIRH-SF-DDBXD	LED	1	89	POLE @ 25'	POLE MOUNTED LED AREA LIGHT, SQUARE POLE MT. DARK BRONZE	1,3,5
SB	LITHONIA	DSX1-LED-P5-30K-T3S-MVOLT-SPA- PIRH-SF-DDBXD	LED	1	138	POLE @ 25'	POLE MOUNTED LED AREA LIGHT, SQUARE POLE MT. DARK BRONZE	1,3
		SSS-25-4G-DM19AS-DDBXD					25' POLE, 1 HEAD AT 90°, DARK BRONZE	1
		SSS-25-4G-DM29AS-DDBXD					25' POLE, 2 HEADS AT 90°, DARK BRONZE	1,4

General Luminaire Schedule Notes:

- A. Luminaires identified with "E" suffix shall be equipped with an emergency battery inverter ballast and provide a minimum of 1350 lumens output for linear fluorescent lamps; 575 lumens for compact fluorescent lamps.
- B. Color temperature for fluorescent lamps shall be 3500k unless otherwise noted.

Luminaire Schedule Notes:

- 1. Provide with 25' pole. Field cut to accommodate pole base.
- 2. Provide with occupancy sensing and dimming controls.
- 3. Provide with fuse.
- 4. Dual head pole mounting: (1) fixture type SA & (1) fixture type SB. 5. Provide with back light control to prevent light spill on adjacent property

GENERAL NOTES

- PLANS ARE NOT FOR CONSTRUCTION UNTIL APPROVED BY THE AUTHORITY HAVING JURISDICTION. THE CONTRACTOR SHALL NOT ORDER ANY MATERIALS OR INSTALL ANY EQUIPMENT, PIPING, ETC. UNTIL PLANS ARE APPROVED BY THE AUTHORITY HAVING JURISDICTION.
- A METHOD OF PROCEDURE (MOP) IS MANDATORY AND SHALL BE PROVIDED FOR THIS JOB. WORK SHALL NOT BE STARTED WITHOUT AN APPROVED/SIGNED MOP.
- ALL WORK SHALL BE DONE AT SUCH TIME AND IN SUCH MANNER AS PRESCRIBED BY DISTRICT.
- 4. PROTECT EXISTING EQUIPMENT AND FURNISHINGS FROM ANY DAMAGE DUE TO DUST, MOISTURE OF CONTACT WITH WORK CREW OR MATERIALS.
- DISTRICT SHALL BE NOTIFIED AT LEAST FORTY-EIGHT (48) HOURS IN ADVANCE OF ANY POWER SHUTDOWN OF EXISTING PANELS OR SERVICE. SCHEDULE OF SHUTDOWNS SHALL BE AT CONVENIENCE OF DISTRICT. DISTRICT MAY, AT THEIR OPTION, HAVE A REPRESENTATIVE PRESENT DURING SHUTDOWN ALL WORK REQUIRING SHUTDOWNS OF EXISTING PANELS OR SERVICE SHALL BE DONE BETWEEN 12:00 AM MIDNIGHT AND 6:00AM WEEKDAYS OR ON SATURDAY AND SUNDAY. REQUIRED SHUTDOWNS SHALL BE KEPT TO A MINIMUM.
- ADEQUATELY STRAP AND SUPPORT ALL CONDUIT WORK PER CEC. IN GENERAL, SUPPORT ALL CONDUIT WITHIN THREE FEET (3') OF OUTLET BOX, CABINET OR PANEL AND MAXIMUM TEN FEET (10') ON CENTER THEREAFTER.
- CORE BORE SHALL BE 1" DIAMETER LARGER THAN EACH CONDUIT. SPACE CONDUIT HOLES 3" APART. SEAL AROUND CONDUIT WITH NON-SHRINK, NON-METALLIC GROUT.
- ALL CONDUCTORS INSTALLED IN PANELBOARDS SHALL BE TRAINED, LACED, AND INSTALLED WITH
- 9. LABEL DEVICES (I.E. RECEPTACLES, ETC.) ON EACH COVER PLATE IDENTIFYING CIRCUIT AND PANEL DEVICE IS CONNECTED TO. LABEL SITE LIGHTING POLES WITH A POLE NUMBER PLUS CIRCUIT AND PANEL AT 10'-0" AFG. PROVIDE 2 INCH HIGH LETTERING FOR THE POLE NUMBER.
- 10. CLEAN ALL EXTERIOR AND INTERIOR SURFACES OF PANELS AND ALL MATERIAL AND METAL SHAVINGS FROM PANEL AND CABINET INTERIORS. ALL OPENINGS SHALL BE SEALED AND APPLY TOUCH-UP SPRAY PAINT WHERE NEEDED.
- 11. FIELD COORDINATE DEVICE LOCATIONS PRIOR TO ROUGH-IN.
- 12. INSTALLATION SHALL COMPLY WITH CEC 210.4 EACH MULTIWIRE BRANCH CIRCUIT SHALL BE PROVIDED WITH A MEANS THAT WILL SIMULTANEOUSLY DISCONNECT ALL UNGROUNDED CONDUCTORS AT THE POINT WHERE THE BRANCH CIRCUIT ORIGINATES. THEREFORE ANY CIRCUIT SHARING A COMMON NEUTRAL SHALL BE CAPABLE OF SIMULTANEOUS DISCONNECT OR DEDICATED NEUTRALS SHALL BE
- 13. SUPPORT ENCLOSURES, BOXES AND CONDUIT INSTALLATIONS PER CEC 314.23 (A) THROUGH (H).
- 14. SEAL CONDUIT OPENINGS THROUGH WALLS AND CEILINGS. INSTALL ESCUTCHEON PLATES AT BUILDING INTERIOR. WHERE EQUIPMENT IS INSTALLED ON THE EXTERIOR WALL, STUB CONDUITS THROUGH WALL AND SEAL CONDUIT OPENINGS, THEN INSTALL EXTERIOR EQUIPMENT. ALSO, SEAL AROUND THE PERIMETER EDGE OF THE EQUIPMENT ENCLOSURE BETWEEN THE ENCLOSURE AND BUILDING.
- 15. CONDUITS INSTALLED ON ROOF AND BUILDING EXTERIOR SHALL BE RIGID GALV. STEEL (HEAVY WALL) WITH THREADED FITTINGS, CONDUIT AND WALL TO BE PAINTED OUT TO MATCH EXTERIOR FINISH.
- 16. SPLICES AND TERMINALS SHALL BE COMPRESSION TYPE OF SEAMLESS PURE COPPER, TIN PLATED, LONG BARREL (TERMINALS WITH TWO-HOLE PAD AND INSPECTION WINDOW WITH NEMA DRILLING), AS MANUFACTURED BY BURNDY TYPE YS. YAZ-2N OR EQUAL. CLEAN ALL SURFACES AND INSTALL WITH OXIDE INHIBITING COMPOUND, BURNDY PENETROX-E OR EQUAL. APPLY COMPOUND BETWEEN BUS AND LUG PAD AND BETWEEN CONDUCTOR AND LUG BARREL. INSTALL COMPRESSION CONNECTORS WITH 360 CIRCUMFERENTIAL COMPRESSION DYE, BURNDY HYPRESS OR EQUAL. THE INDENTER OR OTHER TYPE TOOLS WILL NOT BE ACCEPTABLE.
- 17. INSTALL 'MECHANICALLY FASTENED PHENOLIC NAMEPLATE WITH WHITE LETTERING ON BLACK BACKGROUND ON ALL EQUIPMENT, INCLUDING PULL BOXES, WITH DESCRIPTION INDICATED ON DRAWINGS. NAMEPLATES SHALL READ EXACTLY AS DESCRIBED ON THE DRAWINGS. IN GENERAL NAMEPLATE LETTERING SIZE SHALL BE 3/16" HIGH FOR ALL NAMEPLATES SERVING FEEDER AND BRANCH CIRCUIT BREAKERS. ON MAIN SERVICE PANEL, DISTRIBUTION PANELS AND ALL OTHER NAMEPLATES LETTERING SHALL BE 1/4" HIGH.
- 17.1. ALL SWITCHBOARDS, SWITCHGEAR, PANELBOARDS, VFD'S, MOTORS, JUNCTION BOXES, PULL BOXES, DISCONNECT SWITCHES, ETC., SHALL BE MARKED TO INDICATE EACH DEVICE OR EQUIPMENT WHERE THE POWER ORIGINATES PER CEC 408.4, FIELD IDENTIFICATION REQUIRED, (B) SOURCE OF SUPPLY.
- 18. COORDINATE EQUIPMENT LOCATIONS, CONTROL AND POWER WIRING REQUIREMENTS AND CONNECT POINTS WITH ALL APPLICABLE DISCIPLINES.
- 19. PROVIDE AND INSTALL FUSES PER UNIT NAMEPLATE DATA ON THE EQUIPMENT PROVIDED.
- 20. PROVIDE WIRING DEVICES AND COVER PLATES IN COLOR(S) SELECTED BY ARCHITECT. THE COLOR OF THE WIRING DEVICE AND COVER PLATE SHALL BE THE SAME UNLESS SPECIFICALLY NOTED OTHERWISE.
- 21. REINSTALL EXISTING ELECTRICAL INSTALLATIONS DISTURBED. CERTAIN EXISTING ELECTRICAL INSTALLATIONS MAY BE LOCATED IN WALLS, CEILINGS OR FLOORS THAT ARE TO BE REMOVED AND ARE ESSENTIAL FOR THE OPERATION OF OTHER REMAINING INSTALLATIONS. WHERE THIS CONDITIONS OCCURS, PROVIDE A NEW EXTENSION OF ORIGINAL CIRCUITS, RACEWAYS, EQUIPMENT AND OUTLETS TO RETAIN SERVICE CONTINUITY. INSTALLATIONS SHALL BE CONCEALED IN FINISHED AREAS.
- 22. DRAWINGS ARE TO BE CONSIDERED DIAGRAMMATIC. CONTRACTOR SHALL ACCEPT RESPONSIBILITY IN FAMILIARIZING THEMSELVES WITH ARCHITECTURAL AND STRUCTURAL CONDITIONS ALONG WITH INHERENT SPACE LIMITATIONS. WITH THAT UNDERSTANDING SHALL PROVIDE ALL ITEMS OF LABOR, MATERIALS AND TOOLS REQUIRED TO PROVIDE A COMPLETE INSTALLATION.
- 23. PROVIDE DATA SHEETS FOR ALL ELECTRICAL AND LOW VOLTAGE EQUIPMENT (INCLUDING BUT NOT LIMITED TO LIGHTING CONTROLS, FIRE ALARM, INTRUSION ALARM, CCTV, ACCESS CONTROL. INTERCOM. DATA/TELECOMMUNICATIONS AND SOUND REINFORCEMENT SYSTEMS) INCLUDED IN THIS PROJECT FOR REVIEW AND APPROVAL PRIOR TO ORDERING ANY EQUIPMENT OR DEVICES. REFER TO PROJECT SPECIFICATIONS FOR ADDITIONAL SUBMITTAL REQUIREMENTS.
- 24. SUBMIT SHOP DRAWINGS FOR ALL ELECTRICAL AND LOW VOLTAGE SYSTEMS (INCLUDING BUT NOT LIMITED TO LIGHTING CONTROLS, FIRE ALARM, INTRUSION ALARM, CCTV, ACCÈSS CONTROL, INTERCOM, DATA/TELECOMMUNICATIONS AND SOUND REINFORCEMENT SYSTEMS) FOR REVIEW AND APPROVAL PRIOR TO THE INSTALLATION OF ANY EQUIPMENT, DEVICES, RACEWAY OR WIRING. REFER TO PROJECT SPECIFICATIONS FOR ADDITIONAL SUBMITTAL REQUIREMENTS.

ADD ALTERNATE ITEM

POWER AND SIGNAL CONDUITS AND PULL BOXES FOR FUTURE MARQUIS. SEE SHEET E3 AND KEYED NOTE 2.

ABBRE	VIATION LIST
0	AT
Ø A	AMPERE
AC	ALTERNATING CURRENT
A/C	AIR CONDITIONING
ĀĒ	AMP FRAME
AFF	ABOVE FINISHED FLOOR
AIC	AMPERES INTERRUPTING CAPACITY
AT	AMP TRIP SETTING
AWG	AMERICAN WIRE GAUGE
BC	BARE COPPER
BD	BOARD
BFC	BELOW FINISHED CEILING
BRKR	BREAKER
BLDG	BUILDING
BPS	BOOSTER POWER SUPPLY
C	CONDUIT
C/B	CIRCUIT BREAKER
CÍRC	CIRCUIT
CLG	CEILING
CO	CONDUIT ONLY, WITH PULL LINE
CONT	CONTINUOUS
CU	COPPER
CWP	METALLIC COLD WATER PIPE
(D)	DEMOLISH
ĎĆ	DIRECT CURRENT
DISC	DISCONNECT
DP	DISTRIBUTION PANEL
(E)	EXISTING
È/W	EACH WITH
EA	EACH
EL	EVENING LIGHT
ELEC	ELECTRIC
EM	EMERGENCY
EMT	ELECTRICAL METALLIC TUBING
EOL	END OF LINE DEVICE
EQUIP	EQUIPMENT
(ER)	EXISTING RELOCATED
ÈWĆ	ELECTRICAL WATER COOLER
EWH	ELECTRIC WATER HEATER
(F)	FUTURE
FACP	FIRE ALARM CONTROL PANEL
FAEP	FIRE ALARM EXTENDER PANEL
FATC	FIRE ALARM TERMINAL CABINET
FBO	FURNISHED BY OTHERS
FLUOR	FLUORESCENT
FT	FOOT
GA	GAUGE
GFCI	GROUND FAULT CIRCUIT INTERRUPT
GND	GROUND
GP	METALLIC GAS PIPE
GYP	GYPSUM

HIGH INTENSITY DISCHARGE HORSE POWER INTERMEDIATE METALLIC CONDUIT

SHORT CIRCUIT CURRENT (RMS SYMMETRICAL JUNCTION BOX THOUSAND CIRCULAR MILLS KILO VOLT AMP

KILOWATT LIGHTING CONTROL PANEL LOW VOLTAGE THOUSAND CIRCULAR MILLS MECHANICAL MAIN DISTRIBUTION PANEL METAL HALIDE

MISCELLANEOUS MAIN LUGS ONLY MAIN SWITCHBOARD NOT IN CONTRACT NOT IN ELECTRICAL SECTION OF THESE PLANS & SPECS. NUMBER

NOT TO SCALE ON CENTER

PROVISION FOR FUTURE BREAKER W/ MOUNTING HARDWARE PROVISION FOR FUTURE CURRENT TRANSFORMER

POLYVINYL CHLORIDE CONDUIT RELOCATE/RELOCATED REQUIRED

RIGID METAL CONDUIT REMOVE AND REPLACE SPECIFICATION SIGNAL TERMINAL CABINET

TELEPHONE TERMINAL BOARD UNDERGROUND UNLESS OTHERWISE NOTED

WEATHERPROOF TRANSFORMER

Sheet List Table

Sheet Number Sheet Title SYMBOLS, NOTES & SCHEDULES TITLE 24

SITE LIGHTING SITE LIGHTING PHOTOMETRICS

DETAILS

SINGLE LINE DIAGRAM

SYMBOLS LIST

SITE LIGHTING FIXTURE AND POLE

BOLLARD AND/OR POLE TOP LIGHT FIXTURE

GROUND MOUNTED FLOODLIGHT FIXTURE

SINGLE POLE SWITCH

TWO POLE SWITCH THREE WAY SWITCH

\$4 FOUR WAY SWITCH KEYED SWITCH

\$LV LOW VOLTAGE SWITCH \$M MANUAL MOTOR CONTROL SWITCH

\$F FAN / LIGHT / NIGHT LIGHT SWITCH, PER MECHANICAL \$0S WALL MOUNTED OCCUPANCY AUTO-OFF LIGHT SWITCH

DIMMER SWITCH, LOW VOLTAGE

S DIMMER SWITCH WITH OCCUPANCY SENSOR, LINE VOLTAGE

CEILING MOUNTED OCCUPANCY AUTO-OFF LIGHT SWITCH. INSTALL PER MANUFACTURER REQUIREMENTS.

FUSED DISCONNECT SWITCH

TRANSFORMER

JUNCTION BOX, SIZE AS REQUIRED BY CODE

FLEX CONNECTION TO FIXTURE PANELBOARD, RECESSED MOUNTED

PANELBOARD, SURFACE MOUNTED MAIN SWITCHBOARD

TERMINAL CABINET, RECESSED MOUNTED

TERMINAL CABINET, SURFACE MOUNTED

- HOMERUN TO PANELBOARD OR RESPECTIVE TERMINAL — III — CONDUIT RUN CONCEALED IN CEILING OR WALL, SEE NOTE BELOW

— CONDUIT RUN UNDERGROUND OR UNDER FLOOR

-EM- EMERGENCY SYSTEM CONDUIT AND WIRES ----- INSULATED GREEN GROUND CONDUCTOR

O CONDUIT RISER

— - — EXISTING EQUIPMENT, LIGHTING, DEVICES, CONDUIT, WIRING, ETC., ARE SHOWN LIGHT. NEW OR RELOCATED EQUIPMENT, LIGHTING, DEVICES, CONDUIT, WIRING, ETC., ARE SHOWN DARK.

-X · X EXISTING ELECTRICAL EQUIPMENT TO BE REMOVED

(1) 1) SYMBOLS REFERRING TO KEYED NOTES ON SAME SHEET MECHANICAL EQUIPMENT BY OTHERS, CONNECTED BY ELECTRICAL CONTRACTOR DETAIL DESIGNATION, "A" SIGNIFIES DETAIL, "E-1" SIGNIFIES SHEET NUMBER

(1)1-1/2"C ← INDICATES SIZE OF CONDUIT = ONE AND ONE HALF INCH CONDUIT — NUMBER WITHIN PARENTHESIS INDICATES QUANTITY OF CONDUITS

MOUNT SWITCH BOXES AT +48" TO TOP OF BOX UNLESS OTHERWISE NOTED.

. MOUNT OUTLET BOXES AT +15" TO BOTTOM OF BOX UNLESS OTHERWISE NOTED.

3. "A" ADJACENT TO OUTLET INDICATES OUTLET BOX TO BE MOUNTED ABOVE COUNTER. COORDINATE WITH COUNTER HEIGHT AND DEPTH PRIOR TO ROUGH IN. MOUNT OUTLET ABOVE COUNTERS AT: 3.1. +46" MAX TO TOP OF BOX WHERE BOX IS INSTALLED OVER BASE CABINET. 3.2. +44" MAX TO TOP OF BOX WITH OPEN COUNTERS WITH FORWARD APPROACH.

4. NO CROSSBARS ON CONDUIT RUN INDICATES MINIMUM 3/4" CONDUIT, TWO #10 CU CONDUCTORS PLUS 1#10 CU GND. CROSSBARS INDICATÉ NUMBER OF #10 CU CONDUCTORS IN CONDUIT. CONDUCTOR SIZES OTHER THAN #12 NOTED ON DRAWINGS. INCREASE CONDUIT SIZE AS REQUIRED TO ACCOMMODATE C.E.C. WIRE FILL REQUIREMENTS. INCLUDE ADDITIONAL BOND WIRE IN ALL PVC AND FLEXIBLE CONDUIT. LONG CROSSBAR INDICATES NEUTRAL CONDUCTOR, SHORT CROSSBARS INDICATE PHASE

CONDUCTORS. INCREASE BRANCH CIRCUIT CU CONDUCTOR SIZES AS REQUIRED BY THE 120V BRANCH CIRCUIT VOLT DROP CONDUCTOR LENGTH CHART BELOW. USE CONDUCTOR LENGTHS AS FIELD MEASURED. BASED UPON MEASURED FIELD ROUTING LENGTHS. INCREASE MINIMUM CONDUIT SIZE AS REQUIRED TO ACCOMMODATE A MAXIMUM 40% CONDUCTOR FILL OF THE BRANCH CIRCUIT CONDUCTORS. WHERE NECESSARY, PROVIDE A JUNCTION BOX AT ACCESSIBLE CEILING SPACE TO CONVERT THE LAST 15 FEET OF CONDUCTORS TO #10 AWG TO ACCOMMODATE TERMINATION OF CONDUCTORS AT WIRING DEVICES, LIGHTING FIXTURES, CIRCUIT BREAKER, ETC.

INSTALL CU GROUND CONDUCTOR IN ALL BRANCH CIRCUITS FOR LIGHT FIXTURES AND POWER DEVICES.

120V BRANCH CIRCUIT

VOLT DROP CONDUCTOR LENGTH CHART

LOAD IN		LENGT	H OF CON	DUCTOR	
VOLT		WIRE	SIZE IN (C	GAUGE)	
AMPERES	#12	#10	#8	# 6	#4
1200VA	74	121	183	284	434
1560VA	57	93	141	218	334
1800VA	49	81	122	189	289
1920VA	46	76	115	178	271
2340VA	X	62	94	146	223
2880VA	X	51	76	118	181
3000VA	X	48	73	114	174
3900VA	X	X	56	87	134
4800VA	X	X	46	71	108

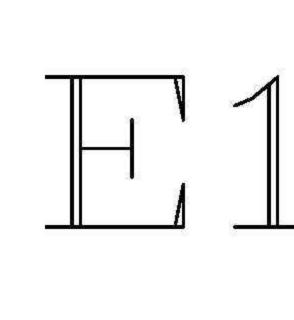
THIS CHART IS FOR COPPER CONDUCTORS ONLY. THIS CHART ASSUMES AN 80% POWER FACTOR AND STEEL

2016 CALIFORNIA ENERGY CODE, 130.5(c) ALLOWS A MAXIMUM COMBINED VOLTAGE DROP OF 5%. THIS CHART ASSUMES A MAXIMUM DROP OF 3% FOR FEEDERS. THIS CHART PROVIDES THE MAXIMUM LENGTH OF CONDUCTORS FOR LESS THAN 2% VOLTAGE DROP ON A BRANCH CIRCUIT AT GIVEN VA LOAD. USE WIRE SIZE FROM THIS CHART UNLESS LARGER CONDUCTOR SIZES ARE NOTED ON THE DRAWINGS.

. FOR VA VALUES NOT SHOWN USE NEXT HIGHEST VALUE FROM THE



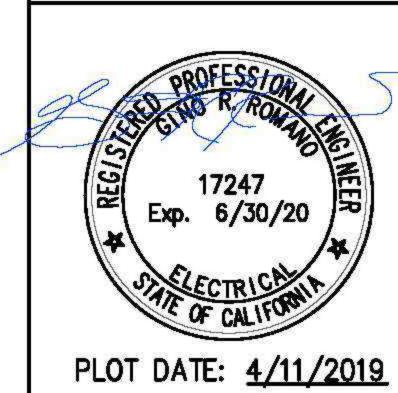






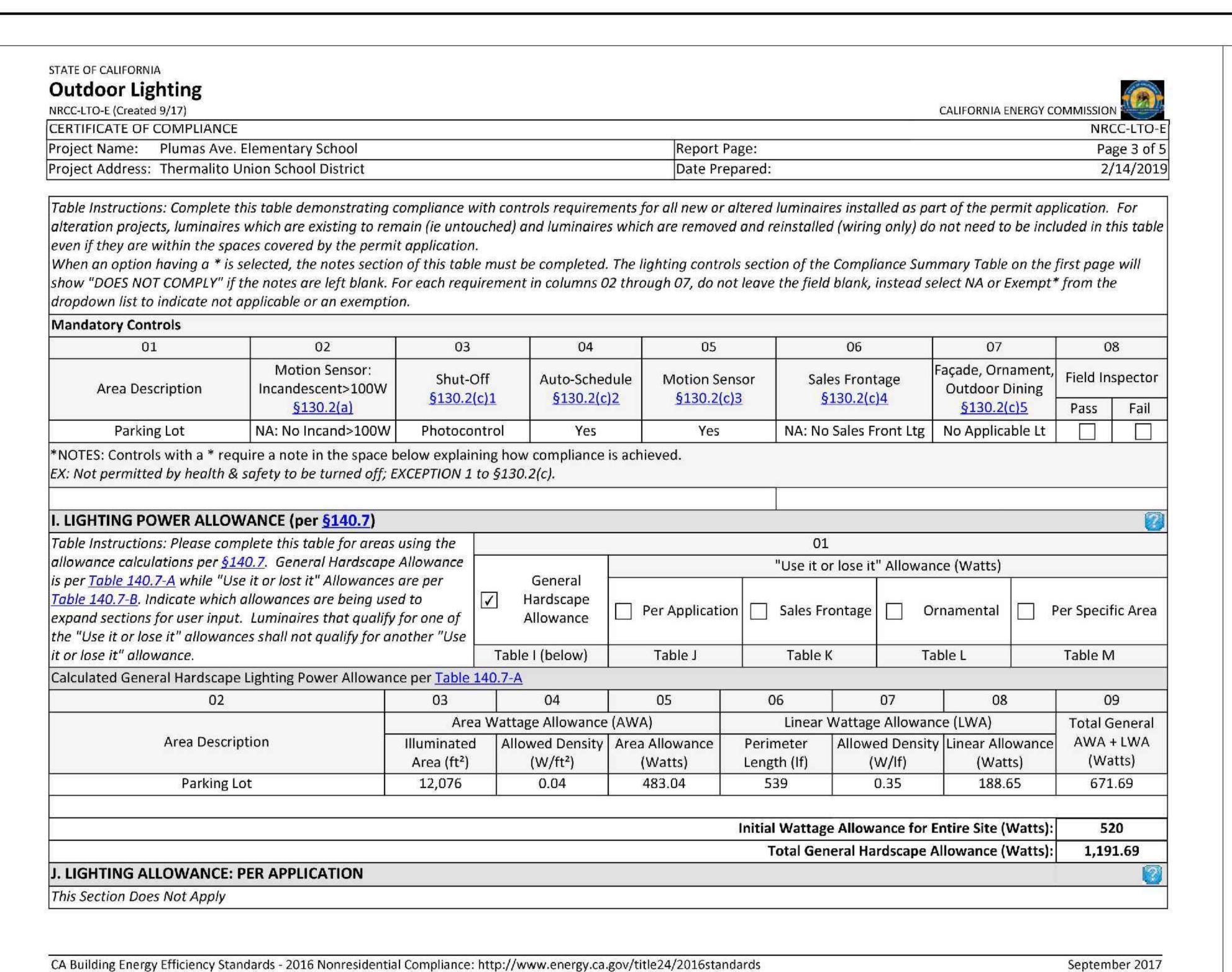
-=





F 5 5

∞ [⊥]



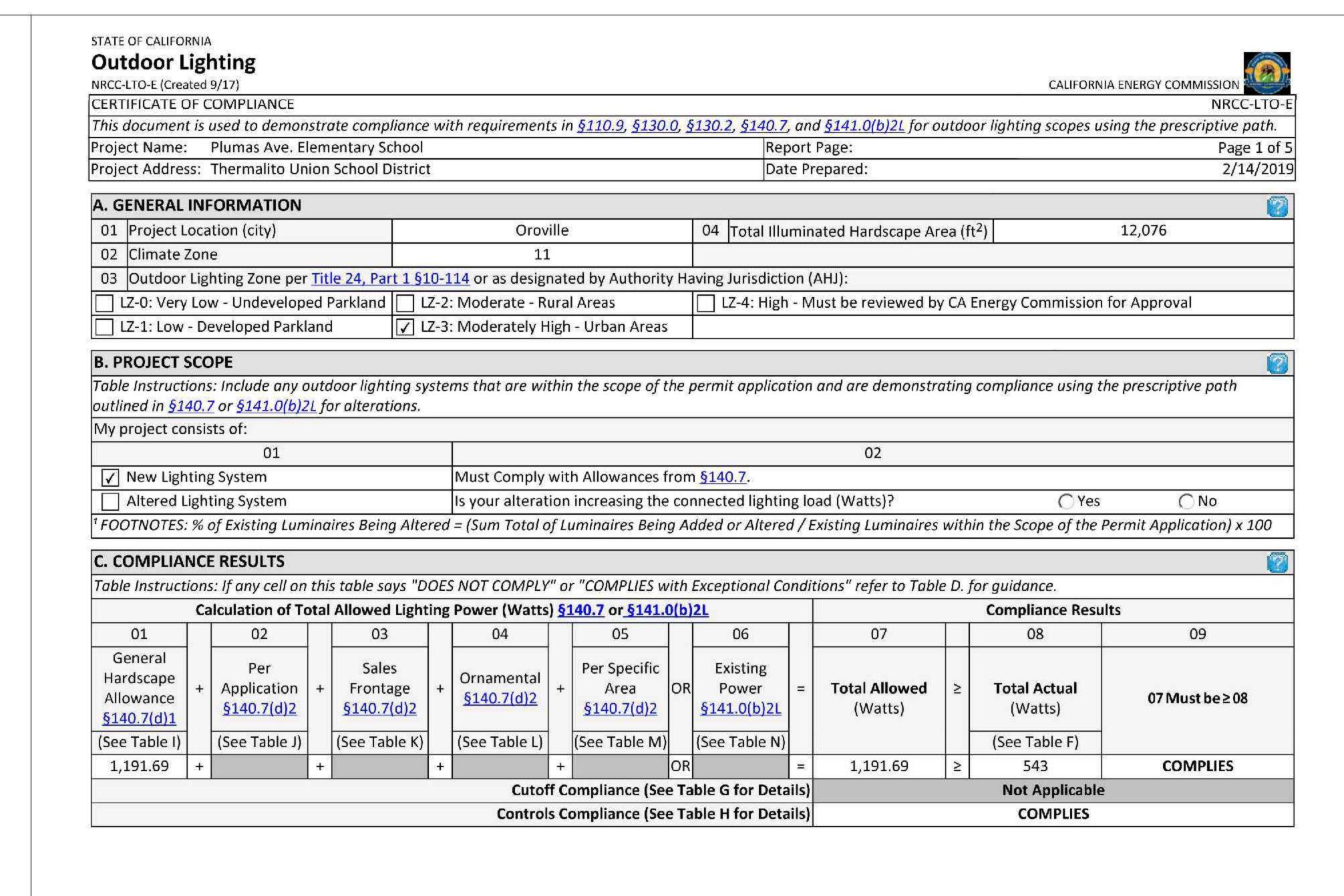
CA Building Energy Efficiency Standards - 2016 Nonresidential Compliance: http://www.energy.ca.gov/title24/2016standards

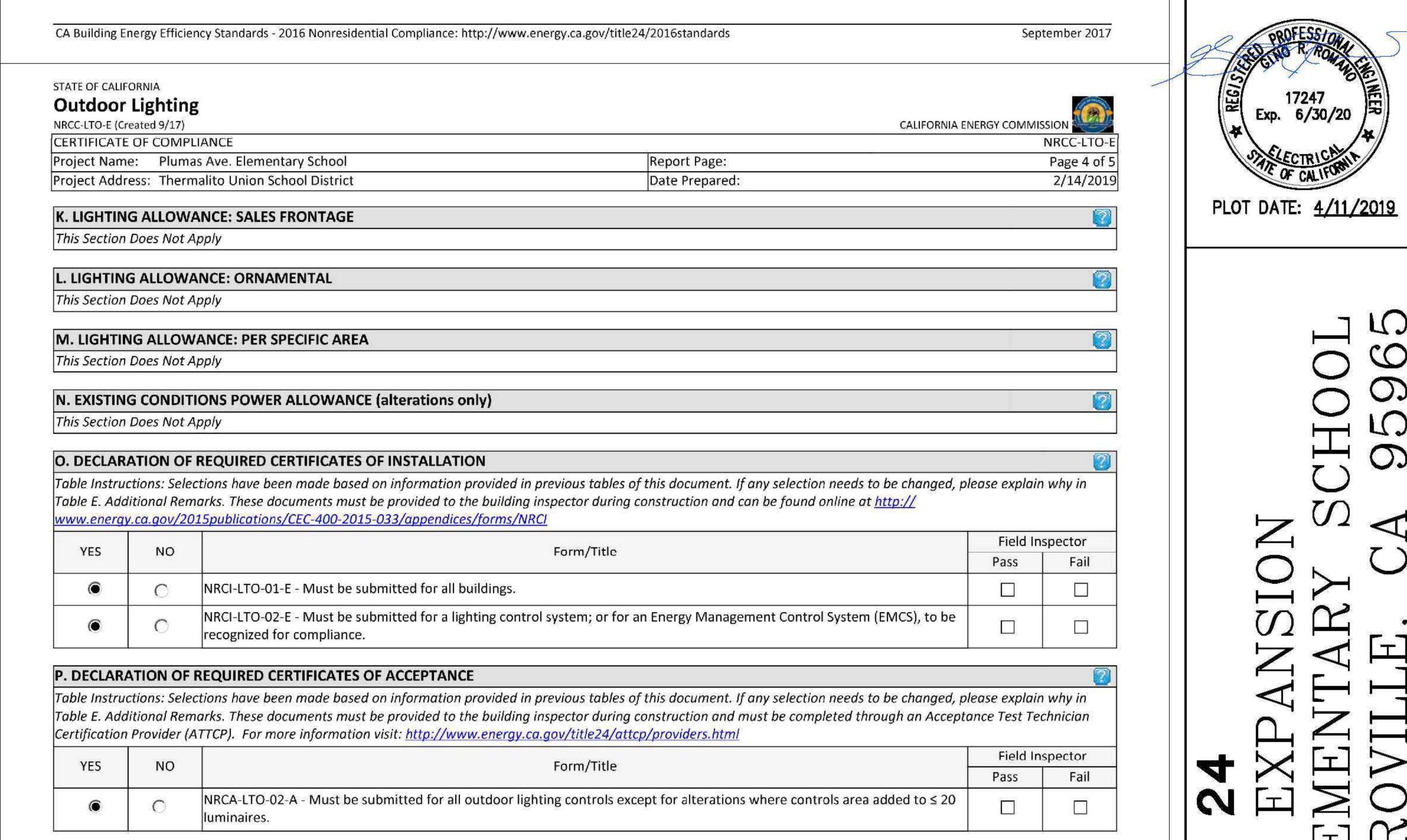
SA 89W LED POLE 89 Mfr. Spec¹ 3 New 267	justolistikus kolumbitat – sta B	E OF COMPLIANCE	90 . *				and the second s			WORKER	CC-LTC
D. EXCEPTIONAL CONDITIONS This table is auto-filled with uneditable comments because of selections made or data entered in tables throughout the form. No exceptional conditions apply to this project. E. ADDITIONAL REMARKS This table includes remarks made by the permit applicant to the Authority Having Jurisdiction. F. OUTDOOR LIGHTING FIXTURE SCHEDULE Table Instructions: For new or altered lighting systems demonstrating compliance with \$140.7 (ie Table I has expanded for input), include all luminaires being installed and envisiting luminaires remaining or being moved within the spaces covered by the permit application in the Table below. For altered lighting systems using the Existing Power method per \$141.0(b)2 (ie Table I) has expanded for input), include and interest lighting systems using the Existing Power method per \$141.0(b)2 (ie Table I) has expanded for input), include and interest lighting systems using the Existing Power method per \$141.0(b)2 (ie Table I) has expanded for input), include and power interest lighting systems using the Existing Power method per \$141.0(b)2 (ie Table I) has expanded for input), include and power interest lighting systems using the Existing Power method per \$141.0(b)2 (ie Table I) has expanded for input), include and interest lighting systems using the Existing Power method per \$141.0(b)2 (ie Table I) has expanded for input), include and Illuminaires being installed and and replacement luminaires being installed and and replacement luminaires being installed as part of the project scope (ie, do not include existing luminaires being installed and replacement luminaires being installed as part of the project scope (ie, do not include existing luminaires being installed and replacement luminaires being method per \$141.0(b)2 (ie Table I) has expanded for input), include and include existing luminaires being installed and replacement luminaires bei		ENT-SERENTE NOOTS-TOTAL WESTERSTEIN - CONTRACT - MANUELS - MANUEL	315 FX				70.740				
This table is auto-filled with uneditable comments because of selections made or data entered in tables throughout the form. No exceptional conditions apply to this project. E. ADDITIONAL REMARKS This table includes remarks made by the permit applicant to the Authority Having Jurisdiction. F. OUTDOOR LIGHTING FIXTURE SCHEDULE Table Instructions: For new or altered lighting systems demonstrating compliance with \$140.7 (ie Table I has expanded for input), include all luminaires being installed and any existing luminaires remaining or being moved within the spaces covered by the permit application in the Table below. For altered lighting systems using the Existing Power method per \$141.0(b)2L (ie Table N has expanded for input), include and include existing luminaires being installed and replacement luminaires being installed as part of the project scop (ie, do not include existing luminaires remaining or existing luminaires being moved). Designed Wattage: 1 02 03 04 05 06 07 08 09 10 Name or luminaire Description Watts per luminaire determined luminaires Status² \$140.7(a) Design Watts Power Status² \$140.7(a) Design Watts Power Status² \$140.7(a) Design Watts Power Power Status² \$140.7(a) Power Power Status² \$150W \$130.2(b)² Power	Project Add	iress: Thermalito Union School Distr	TOT			Date Prepar	ea:			2/	14/20
F. OUTDOOR LIGHTING FIXTURE SCHEDULE Table Includes remarks made by the permit applicant to the Authority Having Jurisdiction.	D. EXCEPT	TIONAL CONDITIONS									
E. ADDITIONAL REMARKS This table includes remarks made by the permit applicant to the Authority Having Jurisdiction. F. OUTDOOR LIGHTING FIXTURE SCHEDULE Table Instructions: For new or altered lighting systems demonstrating compliance with \$140.7 (ie Table I has expanded for input), include all luminaires being installed and any existing luminaires remaining or being moved within the spaces covered by the permit application in the Table below. For altered lighting systems using the Existing Power method per \$141.0(b)21 (ie Table N has expanded for input), include only new luminaires being installed and replacement luminaires being installed as part of the project scop (ie, do not include existing luminaires remaining or existing luminaires being moved). Designed Wattage: 01	This table is	s auto-filled with uneditable commer	nts because of	selections made o	r data entered in	tables through	out the form.				
F. OUTDOOR LIGHTING FIXTURE SCHEDULE Table Instructions: For new or altered lighting systems demonstrating compliance with \$140.7 (ie Table I has expanded for input), include all luminaires being installed and any existing luminaires remaining or being moved within the spaces covered by the permit application in the Table below. For altered lighting systems using the Existing Power method per \$141.0(b)2L (ie Table N has expanded for input), include all luminaires being installed and any existing luminaires remaining or being moved within the spaces covered by the permit application in the Table below. For altered lighting systems using the Existing Power method per \$141.0(b)2L (ie Table N has expanded for input), include all luminaires being installed and replacement luminaires being installed as part of the project scop (ie, do not include existing luminaires remaining or existing luminaires being installed and replacement luminaires being installed as part of the project scop (ie, do not include existing luminaires remaining or existing luminaires being moved). Designed Wattage: O1	No exception	onal conditions apply to this project.	ē								
F. OUTDOOR LIGHTING FIXTURE SCHEDULE Table Instructions: For new or altered lighting systems demonstrating compliance with \$140.7 (ie Table I has expanded for input), include all luminaires being installed and any existing luminaires remaining or being moved within the spaces covered by the permit application in the Table below. For altered lighting systems using the Existing Power method per \$141.0(b)2L (ie Table N has expanded for input), include all luminaires being installed and any existing luminaires remaining or being moved within the spaces covered by the permit application in the Table below. For altered lighting systems using the Existing Power method per \$141.0(b)2L (ie Table N has expanded for input), include all luminaires being installed and replacement luminaires being installed as part of the project scop (ie, do not include existing luminaires remaining or existing luminaires being installed and replacement luminaires being installed as part of the project scop (ie, do not include existing luminaires remaining or existing luminaires being moved). Designed Wattage: O1											
F. OUTDOOR LIGHTING FIXTURE SCHEDULE Table Instructions: For new or altered lighting systems demonstrating compliance with \$140.7 (ie Table I has expanded for input), include all luminaires being installed and any existing luminaires remaining or being moved within the spaces covered by the permit application in the Table below. For altered lighting systems using the Existing Power method per \$141.0(b)21 (ie Table N has expanded for input), include only new luminaires being installed and replacement luminaires being installed as part of the project scop (ie, do not include existing luminaires remaining or existing luminaires being moved). Designed Wattage: O1	Et Avantage Care No.	Malichy - Massact Michigal									
Table Instructions: For new or altered lighting systems demonstrating compliance with \$140.7 (ie Table I has expanded for input), include all luminaires being installed and any existing luminaires remaining or being moved within the spaces covered by the permit application in the Table below. For altered lighting systems using the Existing Power method per \$141.0(b)21 (ie Table N has expanded for input), include only new luminaires being installed and replacement luminaires being installed as part of the project scop (ie, do not include existing luminaires remaining or existing luminaires being moved). Designed Wattage: 01	This table i	ncludes remarks made by the permit	applicant to t	he Authority Havin	g Jurisdiction.						
Table Instructions: For new or altered lighting systems demonstrating compliance with \$140.7 (ie Table I has expanded for input), include all luminaires being installed and any existing luminaires remaining or being moved within the spaces covered by the permit application in the Table below. For altered lighting systems using the Existing Power method per \$141.0(b)21 (ie Table N has expanded for input), include only new luminaires being installed and replacement luminaires being installed as part of the project scop (ie, do not include existing luminaires remaining or existing luminaires being moved). Designed Wattage: 01											
Table Instructions: For new or altered lighting systems demonstrating compliance with \$140.7 (ie Table I has expanded for input), include all luminaires being installed and any existing luminaires remaining or being moved within the spaces covered by the permit application in the Table below. For altered lighting systems using the Existing Power method per \$141.0(b)21 (ie Table N has expanded for input), include only new luminaires being installed and replacement luminaires being installed as part of the project scop (ie, do not include existing luminaires remaining or existing luminaires being moved). Designed Wattage: 01											
Table Instructions: For new or altered lighting systems demonstrating compliance with \$140.7 (ie Table I has expanded for input), include all luminaires being installed and any existing luminaires remaining or being moved within the spaces covered by the permit application in the Table below. For altered lighting systems using the Existing Power method per \$141.0(b)21 (ie Table N has expanded for input), include only new luminaires being installed and replacement luminaires being installed as part of the project scop (ie, do not include existing luminaires remaining or existing luminaires being moved). Designed Wattage: 01											
existing luminaires remaining or being moved within the spaces covered by the permit application in the Table below. For altered lighting systems using the Existing Power method per \$141.0(b)2L (ie Table N has expanded for input), include only new luminaires being installed and replacement luminaires being installed as part of the project scop (ie, do not include existing luminaires remaining or existing luminaires being moved). Designed Wattage: 01	E OUTDO	OP LIGHTING EIVTLIDE SCHEDLIL	C						_		T O
method per \$141.0(b)2L (ie Table N has expanded for input), include only new luminaires being installed and replacement luminaires being installed as part of the project scope (ie, do not include existing luminaires remaining or existing luminaires being moved). Designed Wattage: 01	-										
(ie, do not include existing luminaires remaining or existing luminaires being moved). Designed Wattage: O1 O2 O3 O4 O5 O6 O7 O8 O9 O9 O5 O6 O7 O8 O8 O9 O7 O8 O7 O8 O9 O7 O8 O7 O8 O9 O7 O8 O7 O8 O9 O7 O8 O7 O9 O7 O8 O9 O7 O8 O7 O9 O7 O8 O9 O7 O	Table Instri	uctions: For new or altered lighting s	ystems demon	naka ng tapang pangganan an aka n perandiki nakang ng manakili ng mana	re-com and a contract the second track of the second tracks	en en en en la completation de l	Secretary and the second section of the second section is a second section of the second section is a second se		samman and a samman		PERSONAL TRACES
Designed Wattage: O1 O2 O3 O4 O5 O6 O7 O8 O9 O Name or Item Tag SA 89W LED POLE 89 Mfr. Spec¹ 3 New D3 S43 SB 138W LED POLE 138 Mfr. Spec¹ 2 New D26 **NOTES: Selections with a * require a note in the space below explaining how compliance is achieved. EXCLUDIF REQUIREMENTS (BUG) Field Inspect Luminaire Status² Total number I Luminaire Status²	Table Instru existing lur	uctions: For new or altered lighting sy ninaires remaining or being moved w	ystems demon vithin the spac	es covered by the	permit applicatio	n in the Table I	below. For altere	ed lighting syster	ns using the Exi	sting Pow	er
Name or Item Tag Complete Luminaire Description Name or Item Tag SA 89W LED POLE 89 Mfr. Spec¹ 3 New Design Watts: SB 138W LED POLE 138 Mfr. Spec¹ 2 New Design Watts: **NOTES: Selections with a * require a note in the space below explaining how compliance is achieved. EXCluded per \$\frac{\text{Excluded per}}{\frac{\text{5140.7(a)}}{\text{5130.2(b)}^3}} \frac{\text{Excluded per}}{\text{5130.2(b)}^3} \frac{\text{Field Inspect}}{\text{Pass}} \frac{\text{Fail of Inspect}}{\text{5130.2(b)}^3} \frac{\text{Fail of Inspect}}{\text{Valuminaire}} \frac{\text{Field Inspect}}{\text{Pass}} \frac{\text{Fail of Inspect}}{\text{5130.2(b)}^3} \frac{\text{Fail of Inspect}}{\text{Fail of Inspect}} \frac{\text{Fail of Inspect}}{\text{5130.2(b)}^3} \f	Table Instruence Existing lunder method per	uctions: For new or altered lighting sy ninaires remaining or being moved w r <u>§141.0(b)2L</u> (ie Table N has expand	ystems demon vithin the spac led for input), i	es covered by the princlude only new lu	permit application Iminaires being i	n in the Table I	below. For altere	ed lighting syster	ns using the Exi	sting Pow	er
Name or Item Tag Complete Luminaire Description Matts per luminaire 1 Matts per luminaire 5 Status² New	Table Instruexisting lun method per (ie, do not	uctions: For new or altered lighting syninaires remaining or being moved was a second of the second of the second include existing luminaires remaining	ystems demon vithin the spac led for input), i	es covered by the princlude only new lu	permit application Iminaires being i	n in the Table I	below. For altere	ed lighting syster	ns using the Exi	sting Pow	er
Name or Item Tag Complete Luminaire Description SA 89W LED POLE 89 Mfr. Spec¹ 3 New Design Watts: SB 138W LED POLE 138 Mfr. Spec¹ 2 New Design Watts: **NOTES: Selections with a * require a note in the space below explaining how compliance is achieved. EX: Luminaire is lighting a statue; EXCEPTION 2 to \$130.2(b).	Table Instruexisting lun method per (ie, do not	uctions: For new or altered lighting syninaires remaining or being moved was a second of the second of the second include existing luminaires remaining	ystems demon vithin the spac led for input), i	es covered by the princlude only new lu	permit application Iminaires being i	n in the Table I	below. For altere	ed lighting syster	ns using the Exi	sting Pow	er
Item Tag Complete Luminaire Description luminaire1 determined luminaires Status2 §140.7(a) Design Watts \$150W §130.2(b)3 Pass Fai SA	Table Instruexisting lun method per (ie, do not l Designed V	uctions: For new or altered lighting syninaires remaining or being moved was selected by the selected with the selected by the	ystems demon vithin the spac led for input), i g or existing lu	es covered by the princlude only new luminaires being mo	permit application ominaires being inved).	n in the Table I nstalled and re	below. For altere	ed lighting syster aires being insta	ns using the Exi lled as part of t	sting Pow he project	er t scope
SB 138W LED POLE 138 Mfr. Spec¹ 2 New 276	Table Instructions Income Table Instructions Instruction Instructi	uctions: For new or altered lighting syninaires remaining or being moved was a second of the second of the second include existing luminaires remaining second of the seco	ystems demon vithin the spac led for input), i g or existing lu 03	es covered by the pinclude only new luminaires being mo	permit application iminaires being inved).	n in the Table I nstalled and re 06	below. For altered placement lumin	ed lighting syster aires being insta	ns using the Exi lled as part of t 09 Cutoff Req.	sting Pow he project	er t scop
* NOTES: Selections with a * require a note in the space below explaining how compliance is achieved. EX: Luminaire is lighting a statue; EXCEPTION 2 to §130.2(b). G. CUTOFF REQUIREMENTS (BUG)	Table Instructions Income Instruction Inst	uctions: For new or altered lighting syninaires remaining or being moved was a second of the second of the second include existing luminaires remaining second of the seco	ystems demon vithin the spac led for input), i g or existing lu 03 Watts per	tes covered by the princlude only new luminaires being mo	permit application iminaires being in ved). 05 Total number	n in the Table I nstalled and re 06 Luminaire	below. For altered placement lumin 07 Excluded per	ed lighting syster aires being insta	ns using the Exi lled as part of t 09 Cutoff Req. > 150W	sting Pow he project 1 Field In	er t scope 0 specto
* NOTES: Selections with a * require a note in the space below explaining how compliance is achieved. EX: Luminaire is lighting a statue; EXCEPTION 2 to §130.2(b). G. CUTOFF REQUIREMENTS (BUG)	Table Instruexisting lund method per (ie, do not Designed VO1 Name or Item Tag	uctions: For new or altered lighting syminaires remaining or being moved we will a second second include existing luminaires remaining weather. O2 Complete Luminaire Description	ystems demon vithin the space led for input), i g or existing lu 03 Watts per luminaire ¹	ces covered by the pinclude only new luminaires being mo O4 How Wattage is determined	oermit application iminaires being in ved). 05 Total number luminaires	n in the Table I nstalled and re 06 Luminaire Status²	below. For altered placement lumin 07 Excluded per	08 Design Watts	ns using the Exi lled as part of t 09 Cutoff Req. > 150W	sting Pow he project 1 Field In	er t scope
* NOTES: Selections with a * require a note in the space below explaining how compliance is achieved. EX: Luminaire is lighting a statue; EXCEPTION 2 to §130.2(b). G. CUTOFF REQUIREMENTS (BUG)	Table Instri existing lun method per (ie, do not Designed V 01 Name or Item Tag	uctions: For new or altered lighting syminaires remaining or being moved we see that the second include existing luminaires remaining weather. O2 89W LED POLE	ystems demon vithin the space led for input), i g or existing lu 03 Watts per luminaire ¹	ces covered by the pinclude only new luminaires being mo O4 How Wattage is determined Mfr. Spec ¹	permit application iminaires being inved). 05 Total number luminaires 3	n in the Table I nstalled and re 06 Luminaire Status² New	below. For altered placement lumin 07 Excluded per	08 Design Watts	ns using the Exi lled as part of t 09 Cutoff Req. > 150W	sting Pow he project 1 Field In	er t scope 0 specto
EX: Luminaire is lighting a statue; EXCEPTION 2 to §130.2(b). G. CUTOFF REQUIREMENTS (BUG)	Table Instri existing lun method per (ie, do not Designed V 01 Name or Item Tag	uctions: For new or altered lighting syminaires remaining or being moved we see that the second include existing luminaires remaining weather. O2 89W LED POLE	ystems demon vithin the space led for input), i g or existing lu 03 Watts per luminaire ¹	ces covered by the pinclude only new luminaires being mo O4 How Wattage is determined Mfr. Spec ¹	permit application iminaires being inved). 05 Total number luminaires 3	n in the Table I nstalled and re O6 Luminaire Status ² New New	07 Excluded per §140.7(a)	08 Design Watts 267 276	ns using the Exi lled as part of t 09 Cutoff Req. > 150W	sting Pow he project 1 Field In	er t scope 0 specto
G. CUTOFF REQUIREMENTS (BUG)	Table Instri existing lun method per (ie, do not Designed V 01 Name or Item Tag SA SB	uctions: For new or altered lighting syminaires remaining or being moved were selected to the selected	ystems demon vithin the space led for input), i g or existing lu 03 Watts per luminaire ¹ 89 138	ces covered by the pinclude only new luminaires being modern Mattage is determined Mfr. Spec1 Mfr. Spec1	permit application in inaires being in ved). O5 Total number luminaires 3	n in the Table I nstalled and re O6 Luminaire Status ² New New	07 Excluded per §140.7(a)	08 Design Watts 267 276	ns using the Exi lled as part of t 09 Cutoff Req. > 150W	sting Pow he project 1 Field In	er t scope 0 specto
	Table Instruexisting lunimethod per (ie, do not Designed VO) Name or Item Tag SA SB * NOTES: S	uctions: For new or altered lighting syminaires remaining or being moved we selections and the selections with a * require a note in the selections with a *	ystems demon vithin the space led for input), in g or existing lu 03 Watts per luminaire ¹ 89 138	ces covered by the pinclude only new luminaires being modern Mattage is determined Mfr. Spec1 Mfr. Spec1	permit application in inaires being in ved). O5 Total number luminaires 3	n in the Table I nstalled and re O6 Luminaire Status ² New New	07 Excluded per §140.7(a)	08 Design Watts 267 276	ns using the Exi lled as part of t 09 Cutoff Req. > 150W	sting Pow he project 1 Field In	er t scope 0 specto
	Table Instruexisting lunimethod per (ie, do not Designed VO) Name or Item Tag SA SB * NOTES: S	uctions: For new or altered lighting syminaires remaining or being moved we selections and the selections with a * require a note in the selections with a *	ystems demon vithin the space led for input), in g or existing lu 03 Watts per luminaire ¹ 89 138	ces covered by the pinclude only new luminaires being modern Mattage is determined Mfr. Spec1 Mfr. Spec1	permit application in inaires being in ved). O5 Total number luminaires 3	n in the Table I nstalled and re O6 Luminaire Status ² New New	07 Excluded per §140.7(a)	08 Design Watts 267 276	ns using the Exi lled as part of t 09 Cutoff Req. > 150W	sting Pow he project 1 Field In	er t scope 0 specto
This Section Does Not Apply	Table Instruexisting lunimethod per (ie, do not in the continue of litem Tage) SA SB * NOTES: SEX: Lumina	uctions: For new or altered lighting syminaires remaining or being moved were \$141.0(b)2L (ie Table N has expand include existing luminaires remaining Nattage: O2 Complete Luminaire Description 89W LED POLE 138W LED POLE selections with a * require a note in the ire is lighting a statue; EXCEPTION 2	ystems demon vithin the space led for input), in g or existing lu 03 Watts per luminaire ¹ 89 138	ces covered by the pinclude only new luminaires being modern Mattage is determined Mfr. Spec1 Mfr. Spec1	permit application in inaires being in ved). O5 Total number luminaires 3	n in the Table I nstalled and re O6 Luminaire Status ² New New	07 Excluded per §140.7(a)	08 Design Watts 267 276	ns using the Exi lled as part of t 09 Cutoff Req. > 150W	sting Pow he project 1 Field In	o Fail
	Table Instruexisting lunimethod per (ie, do not in the continue of litem Tage) SA SB * NOTES: SEX: Lumina	uctions: For new or altered lighting syminaires remaining or being moved were \$141.0(b)2L (ie Table N has expand include existing luminaires remaining Nattage: O2 Complete Luminaire Description 89W LED POLE 138W LED POLE selections with a * require a note in the ire is lighting a statue; EXCEPTION 2	ystems demon vithin the space led for input), in g or existing lu 03 Watts per luminaire ¹ 89 138	ces covered by the pinclude only new luminaires being modern Mattage is determined Mfr. Spec1 Mfr. Spec1	permit application in inaires being in ved). O5 Total number luminaires 3	n in the Table I nstalled and re O6 Luminaire Status ² New New	07 Excluded per §140.7(a)	08 Design Watts 267 276	ns using the Exi lled as part of t 09 Cutoff Req. > 150W	sting Pow he project 1 Field In	er t scope 0 specto
	Table Instrict existing lund method per (ie, do not in the continuous per	uctions: For new or altered lighting syminaires remaining or being moved were \$141.0(b)2L (ie Table N has expand include existing luminaires remaining Nattage: 02 Complete Luminaire Description 89W LED POLE 138W LED POLE ielections with a * require a note in the ire is lighting a statue; EXCEPTION 2 F REQUIREMENTS (BUG)	ystems demon vithin the space led for input), in g or existing lu 03 Watts per luminaire ¹ 89 138	ces covered by the pinclude only new luminaires being modern Mattage is determined Mfr. Spec1 Mfr. Spec1	permit application in inaires being in ved). O5 Total number luminaires 3	n in the Table I nstalled and re O6 Luminaire Status ² New New	07 Excluded per §140.7(a)	08 Design Watts 267 276	ns using the Exi lled as part of t 09 Cutoff Req. > 150W	sting Pow he project 1 Field In	er t scope 0 specto

TATE OF CALIFORNIA Dutdoor Lighting			
RCC-LTO-E (Created 9/17)			CALIFORNIA ENERGY COMMISSION
ERTIFICATE OF COMPLIANCE			NRCC-LTO-
roject Name: Plumas Ave. E	lementary School	Report Page:	Page 5 of
roject Address: Thermalito Ur	nion School District	Date Prepared:	2/14/201
OCUMENTATION AUTHOR	'S DECLARATION STATEMENT		
	SEATO DESCRIPTION OF THE SEATON OF THE SEATO	Documentation Author Signature:	
Documentation Author Name:	Gino Romano	Documentation Author Signature:	
CONTRACT.	Peters Engineering	Signature Date: 2/14/2	2019
Company.		The contraction approximately the contract from the contract of the contract o	7 (1874) (1874) (1874)
SOFIC ASSIV	2411 Alhambra Blvd. Suite 100	CEA/ HERS Certification Identification (if applicable):	E17247
Address: City/State/Zip: RESPONSIBLE PERSON'S DECLA certify the following under per L. The information provided of L. I am eligible under Division Compliance (responsible de S. The energy features and per Certificate of Compliance co	Sacramento, CA 95817 RRATION STATEMENT enalty of perjury, under the laws of the State of this Certificate of Compliance is true and cord of the Business and Professions Code to according to the Specifications, materials, component on form to the requirements of Title 24, Part 1 and Components	Phone: 916-447-284	tified on this Certificate of m design identified on this
Address: City/State/Zip: RESPONSIBLE PERSON'S DECLA certify the following under per L. The information provided of L. I am eligible under Division Compliance (responsible de Certificate of Compliance co L. The building design features compliance documents, work L. I will ensure that a complete to the enforcement agency	Sacramento, CA 95817 ARATION STATEMENT enalty of perjury, under the laws of the State of this Certificate of Compliance is true and consigner) of the Business and Professions Code to accessioner) rformance specifications, materials, componer on form to the requirements of Title 24, Part 1 and so or system design features identified on this Certificate, calculations, plans and specifications and specifications and specifications and specifications and specifications and specifications and specifications. I understand the	Phone: 916-447-284 of California: rect. ept responsibility for the building design or system design iden onts, and manufactured devices for the building design or system and Part 6 of the California Code of Regulations.	tified on this Certificate of m design identified on this rovided on other applicable building permit application.
Address: City/State/Zip: RESPONSIBLE PERSON'S DECLA certify the following under per L. The information provided of L. I am eligible under Division Compliance (responsible de Certificate of Compliance co L. The building design features compliance documents, work L. I will ensure that a complete to the enforcement agency documentation the builder	Sacramento, CA 95817 ARATION STATEMENT enalty of perjury, under the laws of the State of this Certificate of Compliance is true and cord of the Business and Professions Code to accessigner) rformance specifications, materials, componer on form to the requirements of Title 24, Part 1 is or system design features identified on this Certificate, calculations, plans and specifications ed signed copy of this Certificate of Compliance for all applicable inspections. I understand the provides to the building owner at occupancy.	Phone: 916-447-284 of California: rect. ept responsibility for the building design or system design iden onts, and manufactured devices for the building design or system and Part 6 of the California Code of Regulations. Certificate of Compliance are consistent with the information p is submitted to the enforcement agency for approval with this is the shall be made available with the building permit(s) issued for at a completed signed copy of this Certificate of Compliance is	tified on this Certificate of m design identified on this rovided on other applicable building permit application.
Address: City/State/Zip: RESPONSIBLE PERSON'S DECLA certify the following under per L. The information provided of L. I am eligible under Division Compliance (responsible de Certificate of Compliance co L. The building design features compliance documents, work L. I will ensure that a complete to the enforcement agency documentation the builder	Sacramento, CA 95817 ARATION STATEMENT enalty of perjury, under the laws of the State of this Certificate of Compliance is true and consigner) of the Business and Professions Code to accessioner) rformance specifications, materials, componer on form to the requirements of Title 24, Part 1 and so or system design features identified on this Certificate, calculations, plans and specifications and specifications and specifications and specifications and specifications and specifications and specifications. I understand the	Phone: 916-447-284 of California: rect. ept responsibility for the building design or system design iden onts, and manufactured devices for the building design or system and Part 6 of the California Code of Regulations. Certificate of Compliance are consistent with the information p is submitted to the enforcement agency for approval with this is the shall be made available with the building permit(s) issued for	tified on this Certificate of m design identified on this rovided on other applicable building permit application.
Address: RESPONSIBLE PERSON'S DECLA certify the following under per L. The information provided of L. I am eligible under Division Compliance (responsible de B. The energy features and per Certificate of Compliance co L. The building design features compliance documents, work L. I will ensure that a complete to the enforcement agency documentation the builder Responsible Designer Name:	Sacramento, CA 95817 ARATION STATEMENT enalty of perjury, under the laws of the State of this Certificate of Compliance is true and cord of the Business and Professions Code to accessigner) rformance specifications, materials, componer on form to the requirements of Title 24, Part 1 is or system design features identified on this Certificate, calculations, plans and specifications ed signed copy of this Certificate of Compliance for all applicable inspections. I understand the provides to the building owner at occupancy.	Phone: 916-447-284 of California: rect. ept responsibility for the building design or system design iden onts, and manufactured devices for the building design or system and Part 6 of the California Code of Regulations. Certificate of Compliance are consistent with the information p is submitted to the enforcement agency for approval with this is the shall be made available with the building permit(s) issued for at a completed signed copy of this Certificate of Compliance is	tified on this Certificate of m design identified on this rovided on other applicable building permit application. In the building, and made available required to be included with the
L. The information provided on the compliance (responsible de Compliance). The energy features and per Certificate of Compliance continued to the ensure that a complete to the enforcement agency.	Sacramento, CA 95817 ARATION STATEMENT enalty of perjury, under the laws of the State of this Certificate of Compliance is true and cord of the Business and Professions Code to accessigner) rformance specifications, materials, componer on form to the requirements of Title 24, Part 1 as or system design features identified on this Certificate of Compliance of Signed Copy of this Certificate of Compliance of Signed Copy of this Certificate of Compliance of Incompliance of the Building Owner at occupancy. Gino Romano	Phone: 916-447-284 of California: rect. ept responsibility for the building design or system design identity, and manufactured devices for the building design or system and Part 6 of the California Code of Regulations. Certificate of Compliance are consistent with the information possibility is submitted to the enforcement agency for approval with this is eshall be made available with the building permit(s) issued four a completed signed copy of this Certificate of Compliance is a Responsible Designer Signature:	tified on this Certificate of m design identified on this rovided on other applicable building permit application. In the building, and made available required to be included with the

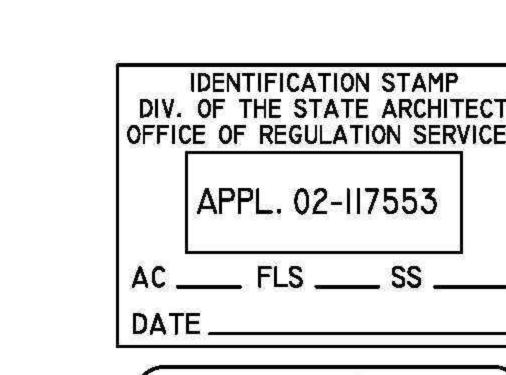
September 2017

CA Building Energy Efficiency Standards - 2016 Nonresidential Compliance: http://www.energy.ca.gov/title24/2016standards





CA Building Energy Efficiency Standards - 2016 Nonresidential Compliance: http://www.energy.ca.gov/title24/2016standards

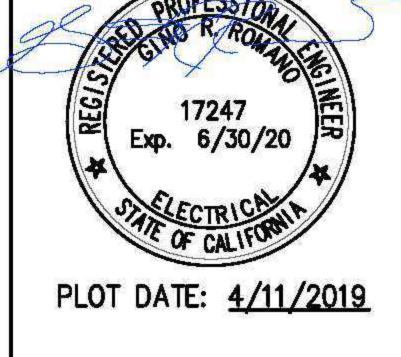


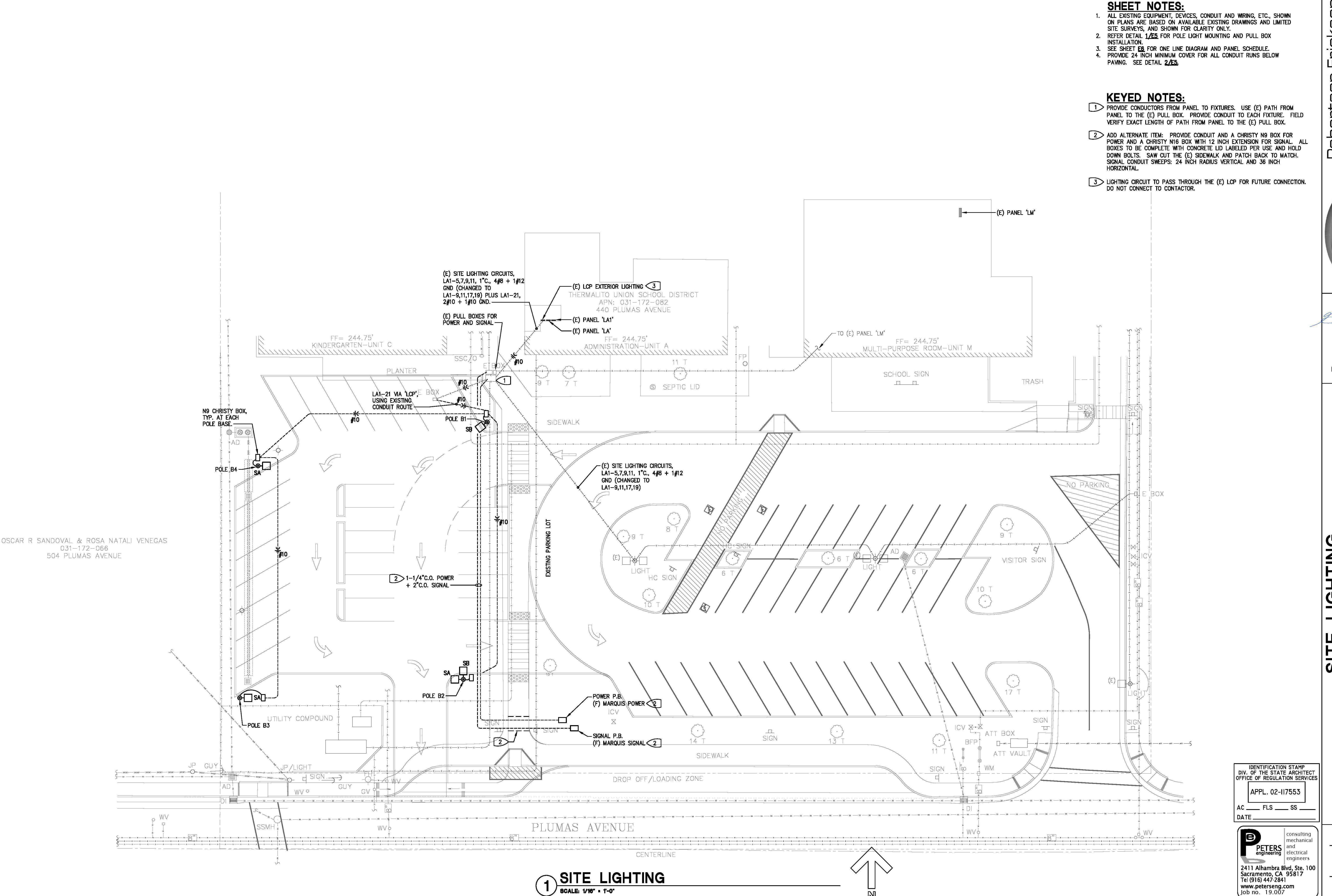
September 2017

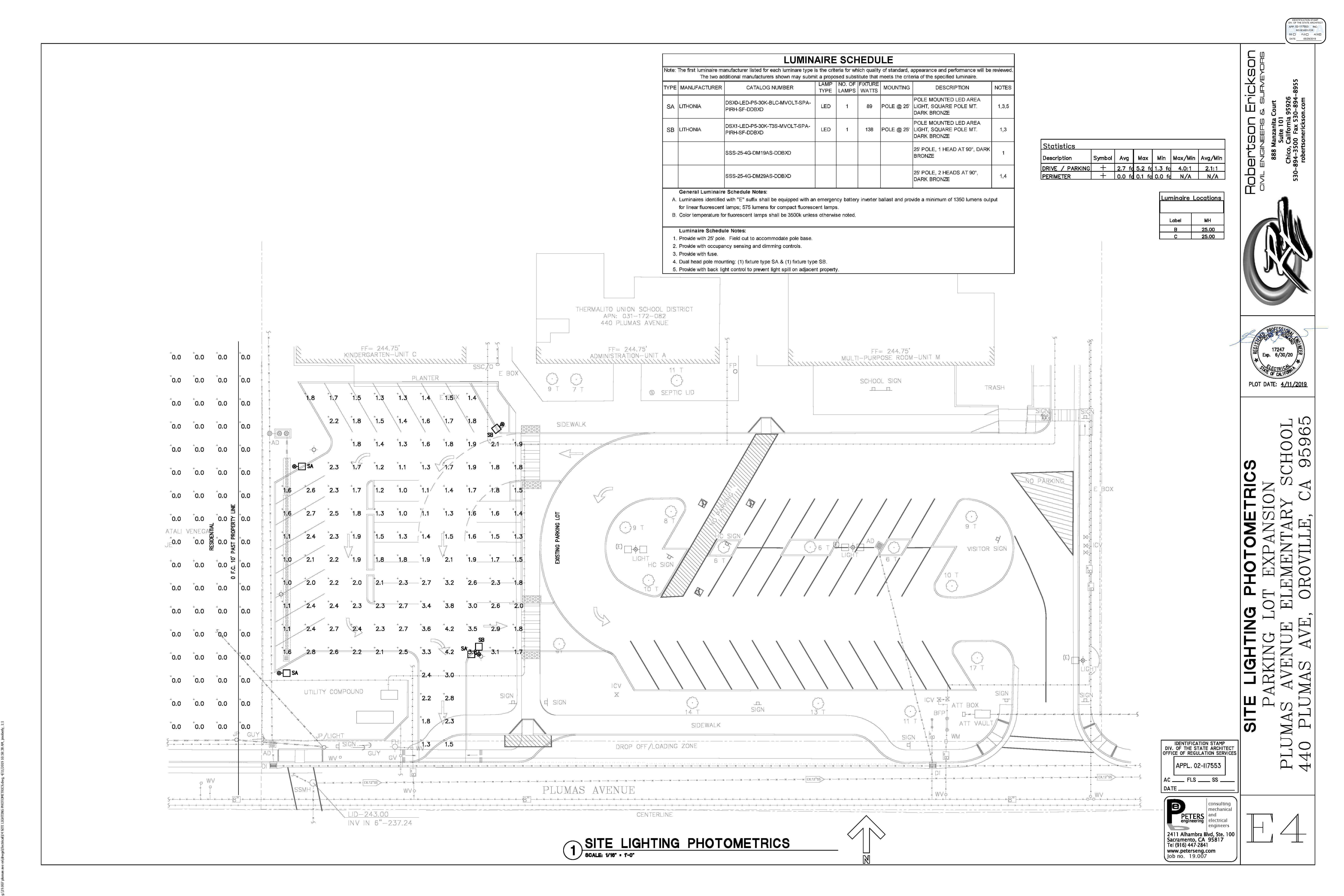


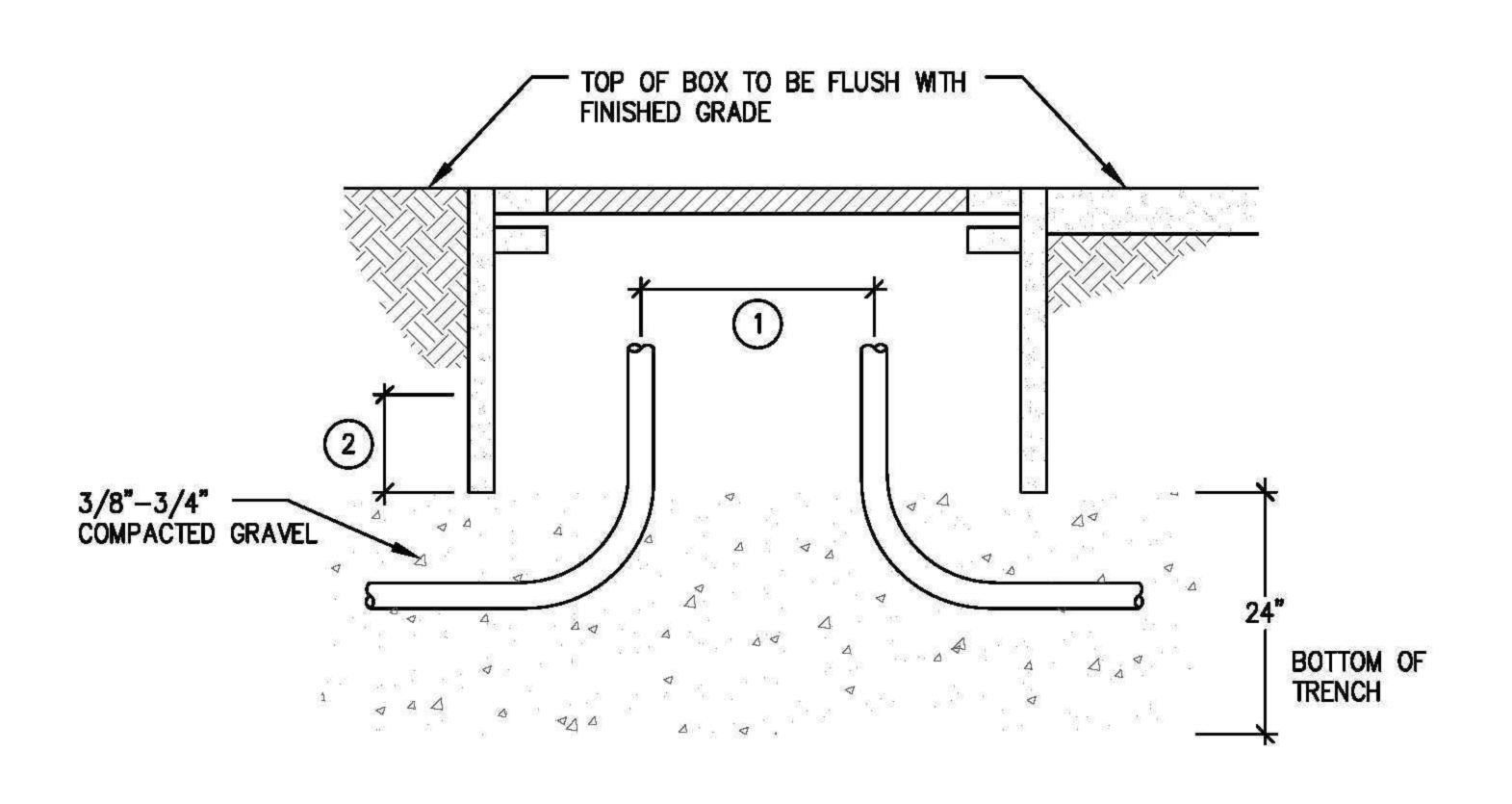








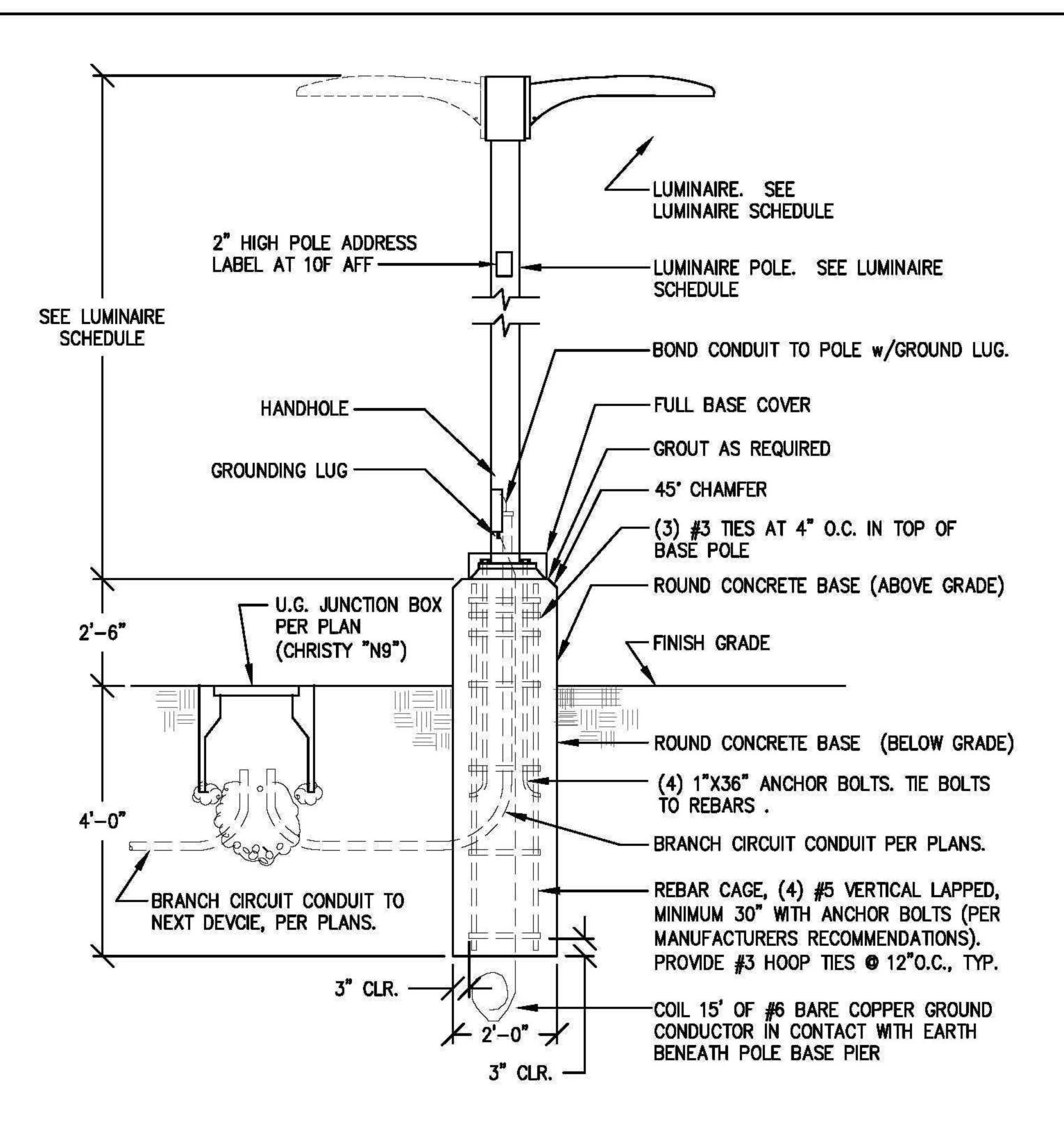




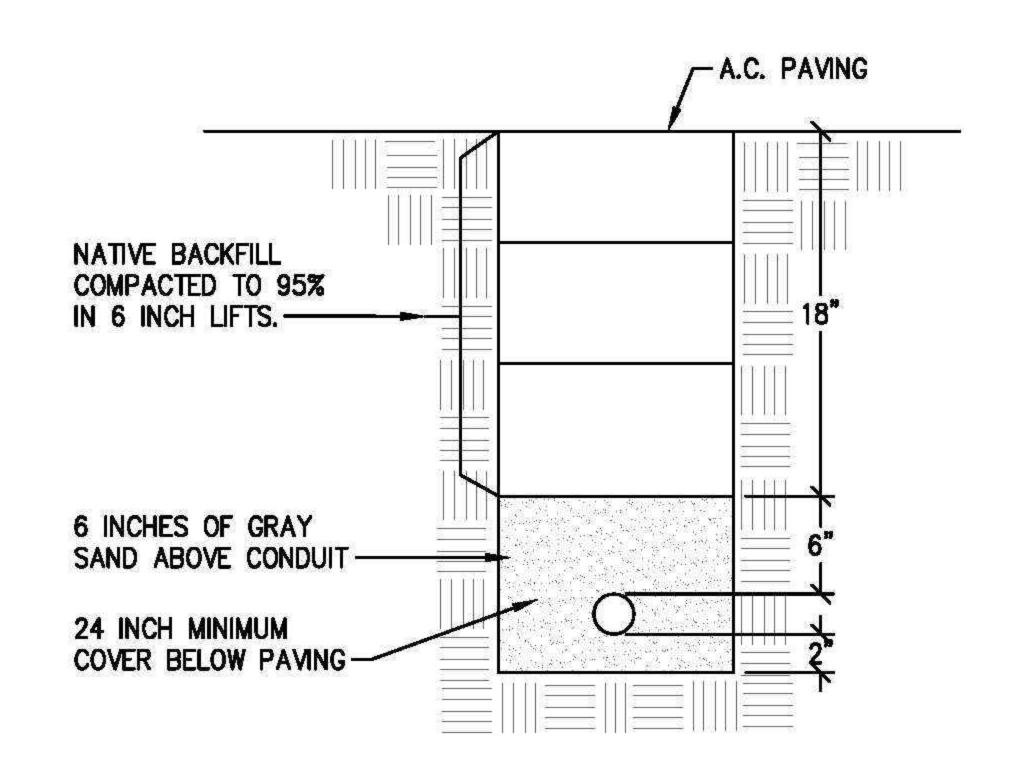
- WHERE CONDUITS SERVE INCOMING AND OUTGOING CIRCUITS KEEP RISERS SEPARATED INSIDE PULLBOX TO ALLOW FOR SLACK CONDUCTORS.
 - TOPS OF CONDUITS MUST NOT EXTEND INTO PULLBOX MORE THAN 1/3 OF THE TOTAL AVAILABLE INSIDE BOX HEIGHT. IN ORDER TO ALLOW ADEQUATE SPACE FOR CABLE SLACK.

3 PULL BOX DETAIL

SCALE: NONE



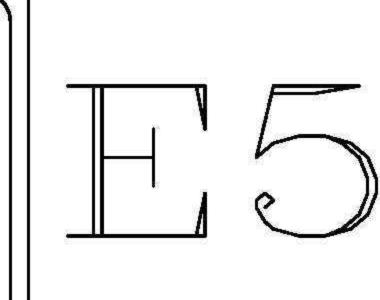
POLE LIGHT FIXTURE DETAIL SCALE: NONE



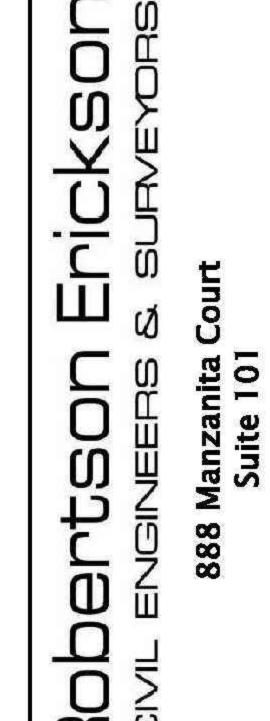
2 TRENCH DETAIL

SCALE: NONE

PLOT DATE: 4/11/2019











PLOT DATE: 4/11/2019

KING ENUJ S AV

3 1/2"C 4#500 MCM CU & #2 CU GND.

2 1/2"C 4#4/0 THWN CU & #2 CU GND.

2"C 4#3/0 THWN CU & #4 CU GND.

2"C 4#2/0 THWN CU & #2 CU GND.

1 1/2"C 3#1/O THWN CU & #4 CU GND.

1 1/2"C 4#4 THWN CU & #8 CU GND.

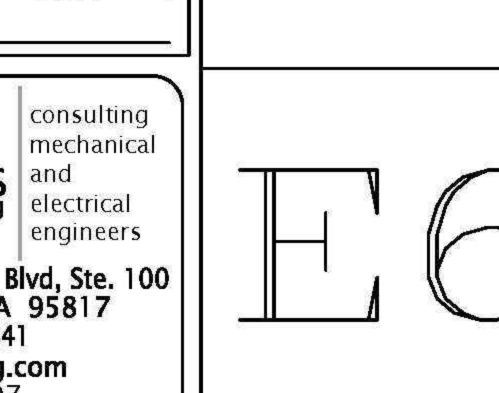
3" 4#250 THWN CU & #4 CU GND.

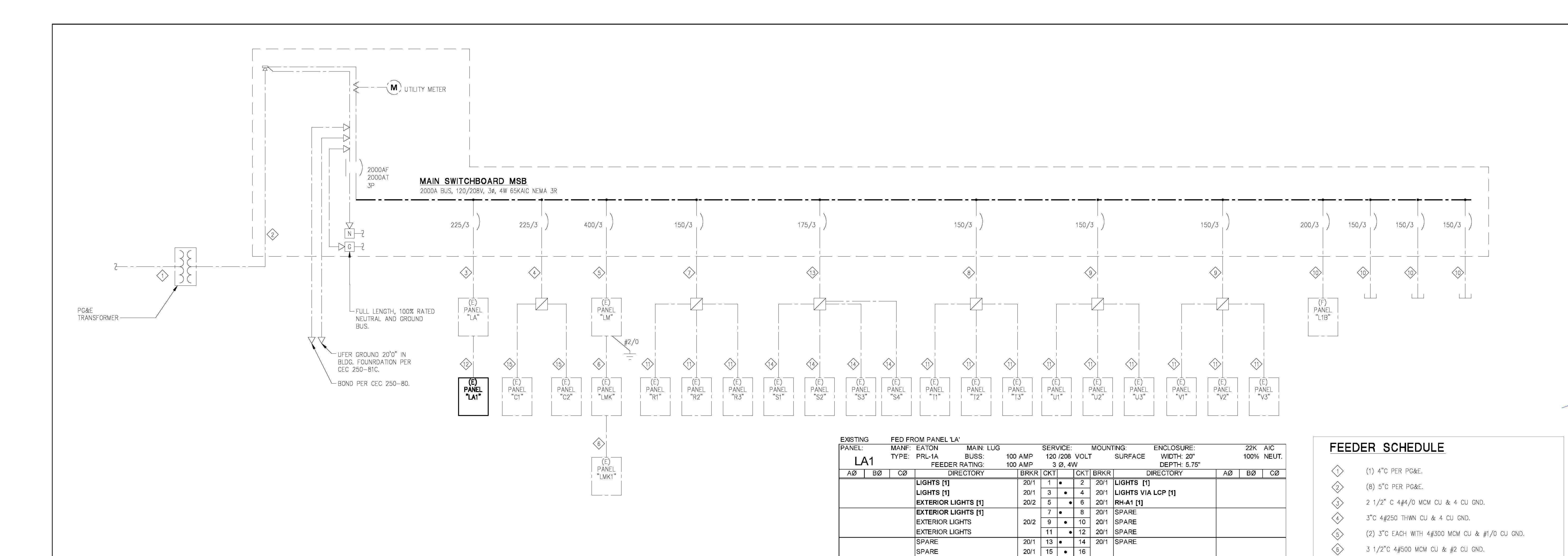
2"C 3#2/O THWN CU & #4 CU GND.

2"C 4#4/0 THWN CU & #2 CU GND.

2 1/2", CONDUIT ONLY.







		Voltag	ge Dro	op Cal	culat	ions	Cop	per		
Job Name:	PLUMAS A	VENUE ELEI	MENTARY:	SCHOOL					Job#:	19.007
Date:	2/13/2019									
	VOLTAGE:	120	PHASE:	1	POWER	FACTOR:	80%	CONDUIT:	Non-N	Magnetic
FEEDER	AMPS AT	KVA	VOLTS	DISTANCE	WIRES/	LOAD/	WIRE	WIRE	VOLTS	PERCENT
NUMBER	LOAD	TOTAL	AT LOAD	FEET	PHASE	WIRE	SIZE	FACTOR	DROP	VOLT DROP
ADD.SITE LIGHT	7	0.816	118.49	170	1	6.80	8	1310	1.51	1.26%

128	VIAINE:	EATON	MAIN: LUG		SER	VICE:		MOUNT	ΓING: ENCLOSURE:		22K	AIC
()	YPE:	PRL-1A	BUSS: 100	AMP	120	/208	VOL.	F .	SURFACE WIDTH: 20"		100%	NEUT
- 22		FEED	ER RATING: 100		***	254000000 ESO			DEPTH: 5.75"			TeX-
Ø	CØ	57 93	DIRECTORY	BRKR	CKT		CKT	BRKR	DIRECTORY	AØ	ВØ	CØ
		NO BREAK	ER PROVISION [2]	BLNK	1	•	2	100/3	MAIN [1]			
		NO BREAK	ER PROVISION [2]	BLNK	3	•	4	1.5				
		NO BREAK	ER PROVISION [2]	BLNK	5	•	6	-2				
		SPACE		PFB/1	7	•	8	20/1	LIGHTS (FROM POS.2)			
		EXTERIOR	LIGHTS	20/2	9	•	10	20/1	LIGHTS VIA LCP (FROM POS.4)			
					11	•	12	20/1	RH-A1 (FROM POS.6)			
		LIGHTS (FF	ROM POS.1)	20/1	13	•	14	20/1	SPARE			
		LIGHTS (FF	ROM POS.3)	20/1	15		16	20/1	SPARE [3]			
		EXT LIGHT	S (FROM POS 5,7) [3]	20/2	17	•	18	20/1	SPARE [3]			
					19	•	20	20/1	SPARE [3]	*		
05		EXT LIGHT	S NEW LOT	20/1	21	•	22	PFB/1	SPACE			
		SPARE [3]		20/1	23	•	24	PFB/1	SPACE			
		SPARE [3]		20/1	25	•	26	PFB/1	SPACE			
		SPACE		PFB/1	27	•	28	PFB/1	SPACE			
		SPACE		PFB/1	29	•	30	PFB/1	SPACE			
	Ø	Ø CØ	NO BREAK NO BREAK NO BREAK NO BREAK SPACE EXTERIOR LIGHTS (FF LIGHTS (FF EXT LIGHT SPARE [3] SPARE [3] SPACE	FEEDER RATING: 100 DIRECTORY NO BREAKER PROVISION [2] NO BREAKER PROVISION [2] NO BREAKER PROVISION [2] SPACE EXTERIOR LIGHTS LIGHTS (FROM POS.1) LIGHTS (FROM POS.3) EXT LIGHTS (FROM POS 5,7) [3] SPARE [3] SPARE [3] SPACE	FEEDER RATING: 100 AMP	FEEDER RATING: 100 AMP 3 3 3 0 0 0 0 0 0 0	FEEDER RATING: 100 AMP 3 Ø, 4\	FEEDER RATING: 100 AMP 3 Ø, 4W	FEEDER RATING: 100 AMP 3 Ø, 4W	FEEDER RATING: 100 AMP 3 Ø, 4W DEPTH: 5.75" Ø CØ DIRECTORY BRKR CKT CKT BRKR DIRECTORY NO BREAKER PROVISION [2] BLNK 1	FEEDER RATING: 100 AMP 3 Ø, 4W DEPTH: 5.75"	FEEDER RATING: 100 AMP 3 Ø, 4W DEPTH: 5.75"

TOTAL CONNECTED LOAD

0 VA

0.0 AMPS

3.4 AMPS

2. PROVIDE BLANKS AND LABEL "NO BREAKER PROVISION"

0 VA

0 VA

AØ =

BØ =

CØ =

1. PROVIDE MAIN BREAKER. RELOCATE CONDUCTORS FROM PANEL LUGS TO MAIN.

RELOCATE BREAKERS IN POSITIONS NOTED. SEE MODIFIED SCHEDULE.

3. RELOCATED BREAKER.