

ASPHALT-AGGREGATE MIXTURES FOR 1ST AND 2ND LIFT STAGES:
JOB-MIX CRITERIA:
 1. PROVIDE JOB-MIX FORMULAS FOR EACH REQUIRED ASPHALT-AGGREGATE MIXTURE.
 2. ESTABLISH A SINGLE PERCENTAGE OF AGGREGATE PASSING EACH REQUIRED SIEVE SIZE, A SINGLE PERCENTAGE OF ASPHALT CEMENT TO BE ADDED TO AGGREGATE, AND A SINGLE TEMPERATURE AT WHICH ASPHALT CEMENT IS TO BE PRODUCED.
 3. COMPLY WITH THE MIX REQUIREMENTS OF LOCAL GOVERNING HIGHWAY STANDARDS THE LOCAL GOVERNING AGENCY SHALL BE CALTRANS SPECIFICATIONS SECTION 39.
 4. MAINTAIN MATERIAL QUANTITIES WITHIN ALLOWABLE TOLERANCES OF THE GOVERNING STANDARDS.

11 MESA ES OVERALL SITE PLAN

SCALE: 1"=50'

WEED KILLER:
 PROVIDE A DRY, FREE-FLOWING, DUST-FREE CHEMICAL COMPOUND CONTAINING NOT LESS THAN 30 PERCENT SODIUM CHLORATE, OR A CHLORATE-BORATE COMPOUND. PRODUCT SHALL BE NONFLAMMABLE, NOT CREATING A FIRE HAZARD WHEN APPLIED IN ACCORDANCE WITH THE MANUFACTURER'S RECOMMENDATIONS, SOLUBLE IN WATER, AND CAPABLE OF BEING SPREAD DRY OR IN SOLUTION.

PROJECT CONDITIONS:
 1. WEATHER LIMITATIONS: APPLY BITUMINOUS TACK COATS ONLY WHEN THE AMBIENT TEMPERATURE IN THE SHADE IS ABOVE 50 DEGREES F.
 2. DO NOT APPLY WHEN THE BASE SURFACE IS WET OR CONTAINS AN EXCESS OF MOISTURE WHICH WOULD PREVENT UNIFORM DISTRIBUTION AND THE REQUIRED PENETRATION.
 3. CONSTRUCT ASPHALT CONCRETE SURFACE COURSE ONLY WHEN ATMOSPHERIC TEMPERATURE IS ABOVE 40 DEGREES F, WHEN THE UNDERLYING BASE IS DRY, AND WHEN WEATHER IS NOT RAINY.
 4. GRADE CONTROL: ESTABLISH AND MAINTAIN THE REQUIRED LINES AND GRADES, INCLUDING CROWN AND CROSS-SLOPE, FOR EACH COURSE DURING CONSTRUCTION OPERATIONS.
 5. TRAFFIC CONTROL: MAINTAIN VEHICULAR AND PEDESTRIAN TRAFFIC DURING PAVING OPERATIONS, AS REQUIRED FOR OTHER CONSTRUCTION ACTIVITIES, ON-SITE AND OFF-SITE OPERATIONS.

SEAL COAT:
 1. AFTER COMPLETING THE FLOOD TEST AND APPROVALS FROM THE OWNER, ALL NEW A.C. PAVEMENTS MINIMUM 30 CALENDAR DAYS AFTER APPROVALS FROM THE OWNER SHALL RECEIVE "GUARDTOP" AS MANUFACTURED BY VULCAN MATERIAL COMPANY. THE SEALER SHALL CONSIST OF SUITABLE FIBRATED CHEMICAL TYPE ASPHALTIC BASE BINDERS AND FILLERS HAVING A CONTAINER CONSISTENCY SUITABLE FOR TROWELING. IT SHALL CONTAIN NO CLAY OR OTHER DELETERIOUS SUBSTANCES. EACH COAT OF SEALER SHALL BE THOROUGHLY DRY BEFORE THE SUCCEEDING COAT IS APPLIED.
 2. MAKE TWO (2) OR MORE APPLICATIONS USING AT LEAST 35 GALLONS OF SEALER (BEFORE DILUTION) PER 1,000 SQUARE FEET OF AREA. THE FINISHED SURFACE SEAL, WHEN DRY AND THOROUGHLY SET, SHALL BE SMOOTH, TOUGH, WATERPROOF, RESILIENT, OF UNIFORM BLACK COLOR AND FREE FROM COARSE TEXTURED AREAS. LAP MARKS, RIDGES AND OTHER SURFACE IRREGULARITIES, SHOULD ANY DEFECTS APPEAR IN THE FINISHED SURFACE, APPLY AS MANY ADDITIONAL COATS OF SEALER AS MAY BE REQUIRED TO PRODUCE THE SPECIFIED FINISHED SURFACE AT NO ADDITIONAL COST.

LEGEND:
 1. LIMIT OF WORK
 2. DENOTES 3" THICK A.C. PAVING (ON PARKING STALLS), 4" THICK (ALONG DRIVEWAY) ON 5" THICK CLASS II CRUSHED AGGREGATE BASE COMPACTED TO 90% ON MINIMUM 12" LAYER OF COMPACTED SUBGRADE SOIL COMPACTED TO MINIMUM 95% OF RELATIVE MAXIMUM DENSITY PER ASTM D-1557 (APPROX. 18,100 S.F.)
 3. ASPHALT MIX: PG 64-10

SUB-GRADE NOTES:
 FOLLOWING SITE DEMOLITION AND STRIPING PROCEDURES: THE SUB-GRADE SOILS IN NEW PAVEMENT AREAS SHALL BE THOROUGHLY SCARIFIED, WITH 2 FEET MINIMUM BEYOND THE NEW PAVEMENT AREA TO A MINIMUM DEPTH OF 12 INCHES BELOW THE FINISHED SUB-GRADE ELEVATION AND UNIFORMLY MOISTURE CONDITIONED TO A MOISTURE CONTENT RANGING FROM 2 TO 4 PERCENT ABOVE THE OPTIMUM MOISTURE CONTENT. DURING OR FOLLOWING MOISTURE CONDITIONING, THE SUB-GRADE SHALL BE COMPACTED TO AT LEAST 88 PERCENT COMPACTION. THE 5" THICK CLASS II AGGREGATE BASE SHALL BE COMPACTED TO 95%.

NOTE:
 NEW PAVEMENT SHALL MATCH THE GRADATION AND THICKNESS U.N.O. OF THE EXISTING PAVEMENT. SURFACE COURSE SHALL BE FLUSH W/ THE EXISTING PAVEMENT. APPLY TACK COAT TO SAW-CUT EDGE PRIOR TO PAVEMENT REPLACEMENT.

EXISTING IRRIGATION NOTES:
 RE-LOCATIONS OF EXISTING IRRIGATION LINES, CONTROL WIRES WITHIN THE WORK AREA. POINT OF NEW CONNECTIONS, RE-ROUTING OF IRRIGATION LINES, NEW CONTROL WIRES, ETC. AS REQUIRED WILL BE BY THE DISTRICT. COORDINATE WORK WITH THE DISTRICT PERSONNEL DURING CONSTRUCTION.

TYPICAL NOTES:
 1. THESE DESIGN DRAWINGS ARE SCHEMATIC. THE CONTRACTOR SHALL VISIT THE SITE PRIOR TO BIDDING OR AWARD TO INSPECT EXISTING FIELD CONDITIONS. THE CONTRACTOR SHALL INCLUDE ALL LABOR AND MATERIALS NECESSARY FOR FIELD MODIFICATIONS DUE TO EXISTING CONDITIONS NOT INDICATED ON THESE PLANS.
 2. THE CONTRACTOR SHALL CONTACT THE ARCHITECT, ENGINEER OR OWNER PRIOR TO BIDDING OR AWARD FOR INTERPRETATIONS AND CLARIFICATIONS OF THE DESIGN AND INCLUDE IN HIS BID ALL COSTS TO MEET THE DESIGN INTENT OF THESE PLANS. CLARIFICATIONS MADE BY THE ARCHITECT, ENGINEERS OR OWNER AFTER BIDDING WILL BE FINAL AND SHALL BE IMPLEMENTED AT CONTRACTOR'S COST.
 3. BIDDING CONTRACTORS SHALL HAVE A WORKING KNOWLEDGE OF LOCAL CODES AND ORDINANCES AND SHALL INCLUDE IN THEIR BIDS THE COSTS FOR ALL WORK INSTALLED IN STRICT ACCORDANCE WITH THE GOVERNING CODES, THE PLANS, AND SPECIFICATIONS NOT WITHSTANDING. THE CONTRACTOR SHALL ALERT THE ARCHITECT, ENGINEER OR OWNER OF ANY APPARENT DISCREPANCIES BETWEEN GOVERNING CODES AND DESIGN INTENT.

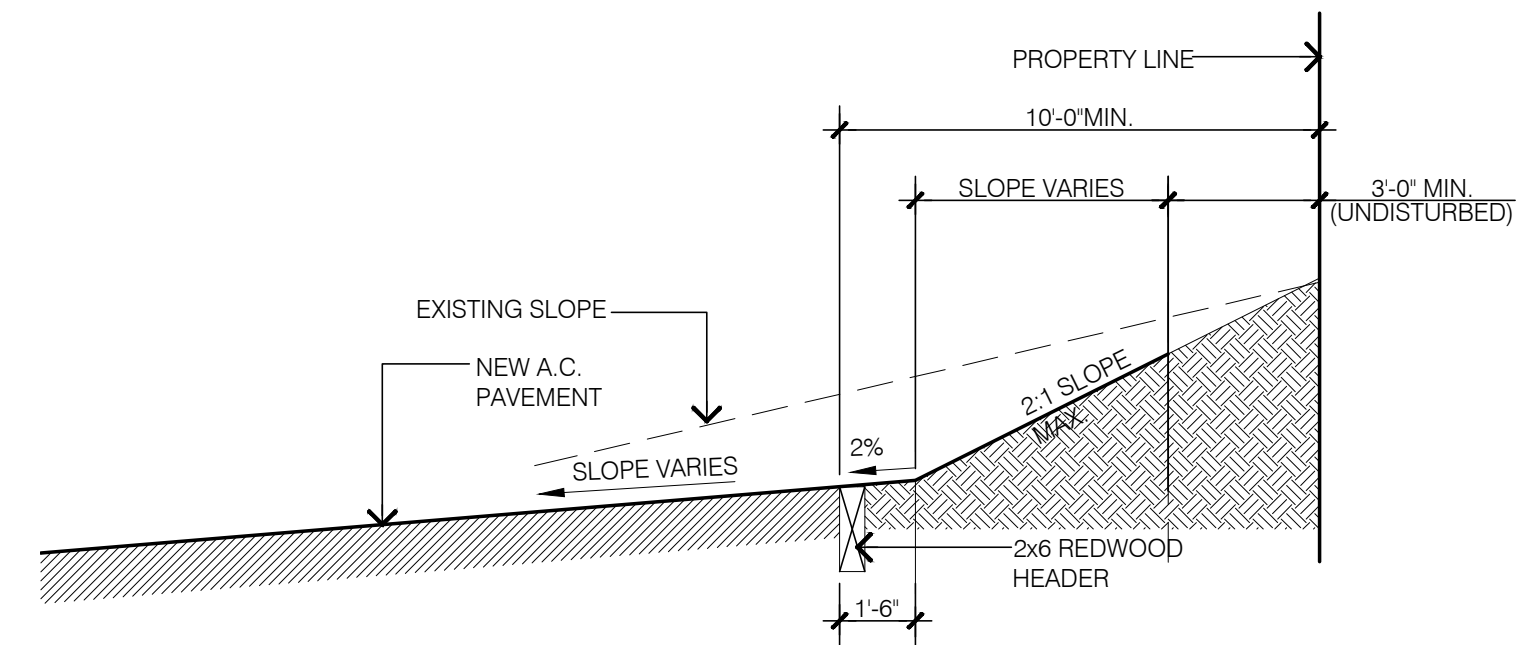
EXISTING CONDITIONS:
 ALL INFORMATION SHOWN ON THE PLANS RELATIVE TO EXISTING CONDITIONS IS GIVEN AS THE BEST PRESENT KNOWLEDGE FROM PLANS SUPPLIED BY THE OWNER, BUT WITHOUT GUARANTEE OF ACCURACY.

WHERE ACTUAL CONDITIONS ARE NOT IN ACCORDANCE WITH THE INFORMATION PRESENTED, THE ARCHITECT SHALL BE NOTIFIED IMMEDIATELY. NO MODIFICATIONS OF THE PLANS FOR NEW CONSTRUCTION SHALL BE MADE WITHOUT THE WRITTEN APPROVAL OF THE ARCHITECT.

EXISTING UNDERGROUND UTILITIES:
 THE ARCHITECT AND ENGINEERS ARE NOT RESPONSIBLE FOR THE LOCATIONS OF EXISTING UNDERGROUND UTILITIES WHETHER SHOWN OR NOT SHOWN ON THE DRAWINGS. THE LOCATION OF ANY EXISTING UNDERGROUND UTILITIES SHOWN ON THE DRAWINGS, IF ANY, IS APPROXIMATE. THE CONTRACTOR SHALL EXERCISE EXTREME CAUTION IN EXCAVATING AND TRENCHING ON THE SITE. THE CONTRACTOR SHALL IMMEDIATELY NOTIFY THE OWNER SHOULD ANY SUCH UNIDENTIFIED CONDITIONS BE DISCOVERED.

THE CONTRACTOR SHALL BE RESPONSIBLE FOR ANY DAMAGES WHICH MAY RESULT FROM HIS FAILURE TO EXACTLY LOCATE AND PRESERVE ALL EXISTING UNDERGROUND UTILITIES.

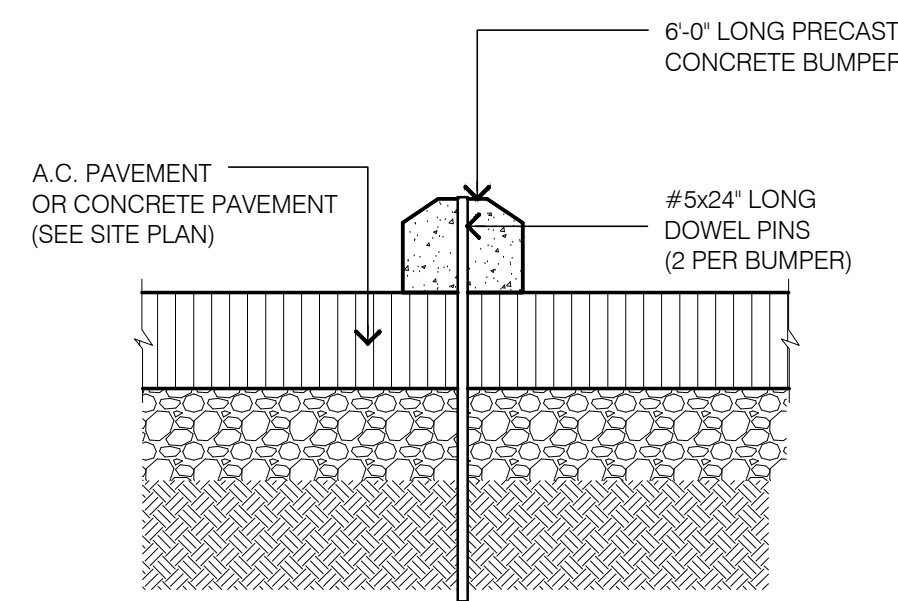
- GENERAL NOTES:**
- ALL GRADING AND CONSTRUCTION ACTIVITIES SHALL COMPLY WITH THE CITY OF COVINA THAT CONTROLS AND RESTRICTS NOISE FROM THE USE OF CONSTRUCTION AND GRADING EQUIPMENT FROM HOURS OF 8:00PM TO 6:30AM, AND ON SUNDAYS AND HOLIDAYS. (MORE RESTRICTIVE CONSTRUCTION ACTIVITY TIMES MAY GOVERN AS REQUIRED BY THE DISTRICT.)
 - THE LOCATION AND PROTECTION OF ALL UTILITIES IS THE RESPONSIBILITY OF THE CONTRACTOR.
 - ALL EXPORT OF MATERIAL FROM THE SITE MUST BE LEGALLY DISPOSED OF OFF-SITE IN ACCORDANCE WITH LOCAL LAWS OR GO TO A LEGAL DUMP SITE. RECEIPTS FOR ACCEPTANCE OF EXCESS MATERIAL BY A DUMP SITE ARE REQUIRED AND MUST BE PROVIDED TO THE DISTRICT.
 - SITE BOUNDARIES, EASEMENTS, DRAINAGE DEVICES, RESTRICTED USE AREAS SHALL BE LOCATED PER CONSTRUCTION STAKING BY CONTRACTOR'S FIELD ENGINEER OF LICENSED SURVEYOR. PRIOR TO GRADING, IF REQUESTED BY THE DISTRICT, ALL PROPERTY LINES, EASEMENTS, AND RESTRICTED USE AREAS SHALL BE STAKED.
 - IF GRADING AUTHORIZED BY THIS PLAN IS TO EXTEND THROUGH THE RAINY SEASON NOVEMBER 1 THROUGH APRIL 15 OF THE FOLLOWING YEAR, SEPARATE UPDATED PLANS FOR EROSION CONTROL MUST BE SUBMITTED PRIOR TO OCTOBER PER SECTION 3319.3 OF THE LOS ANGELES COUNTY BUILDING CODE.
 - TRANSFER OF RESPONSIBILITY: IF THE CIVIL ENGINEER OF RECORD IS CHANGED DURING GRADING, THE WORK SHALL BE STOPPED UNTIL THE REPLACEMENT HAS AGREED IN WRITING TO ACCEPT THEIR RESPONSIBILITY WITHIN THE AREA OF TECHNICAL COMPETENCE FOR APPROVAL UPON COMPLETION OF THE WORK.



7 TYPICAL CUTTING SECTION

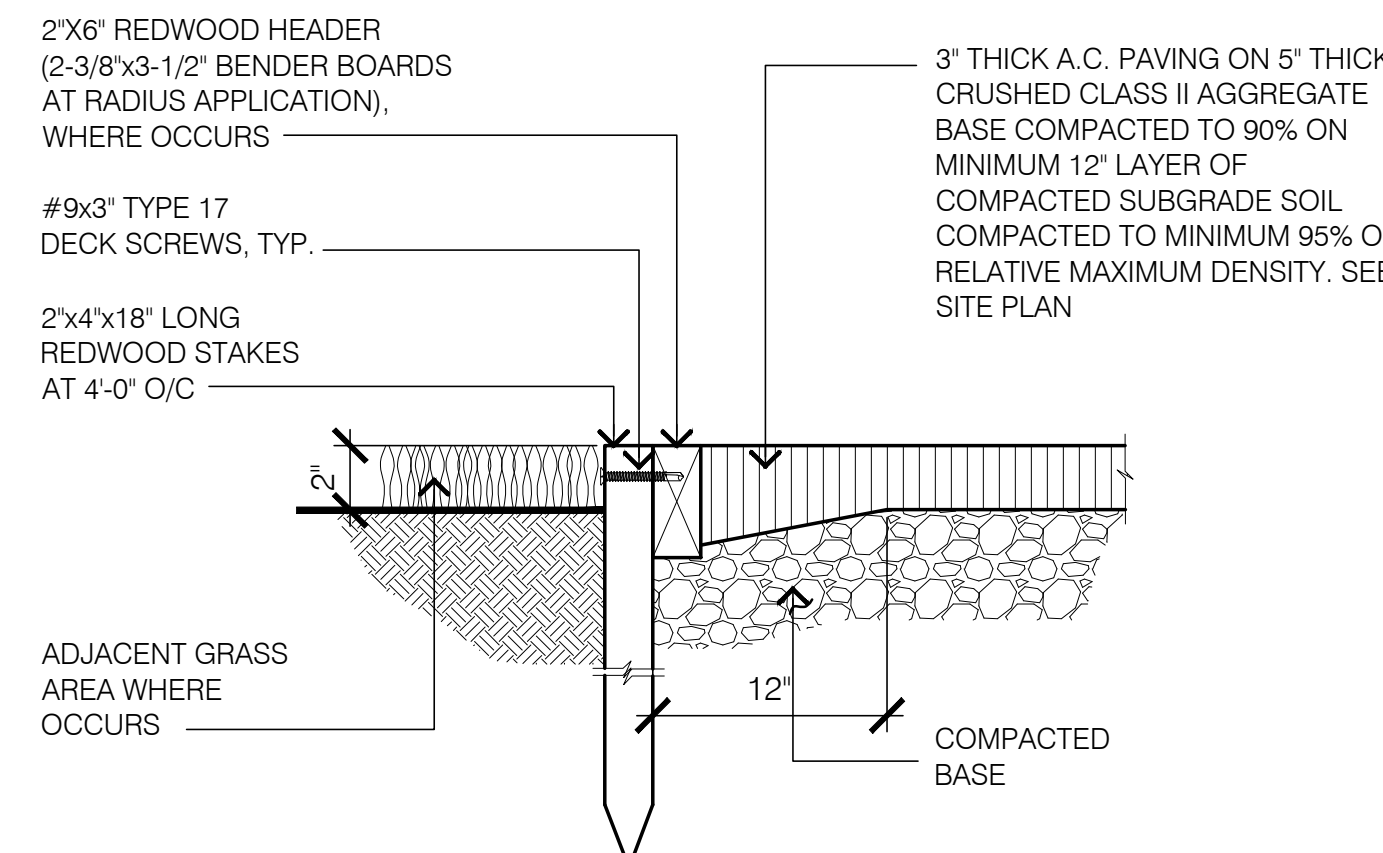
SCALE: N.T.S.

- TYPICAL NEW CONSTRUCTION NOTES:**
- 4" WIDE PAINT STRIPING AT 36" O/C
 - 4" WIDE PAINT STRIPING AT PARKING STALLS
 - 2x6 REDWOOD HEADER
 - 6" O' LONG CONCRETE TIRE BUMPER
 - (E) CONCRETE PAVEMENT TO REMAIN
 - EXISTING C.L. DOUBLE GATE TO REMAIN. PROTECT IN PLACE.
- DEMOLITION NOTE:**
 1. EXISTING GRASS AREA TO BE REMOVED. RELOCATE ALL EXISTING IRRIGATION LINES, CONTROLLER, ETC. COORDINATE WITH THE DISTRICT IRRIGATION PERSONNEL FOR THE REMOVAL/RELOCATION. REFER TO NEW WORK.



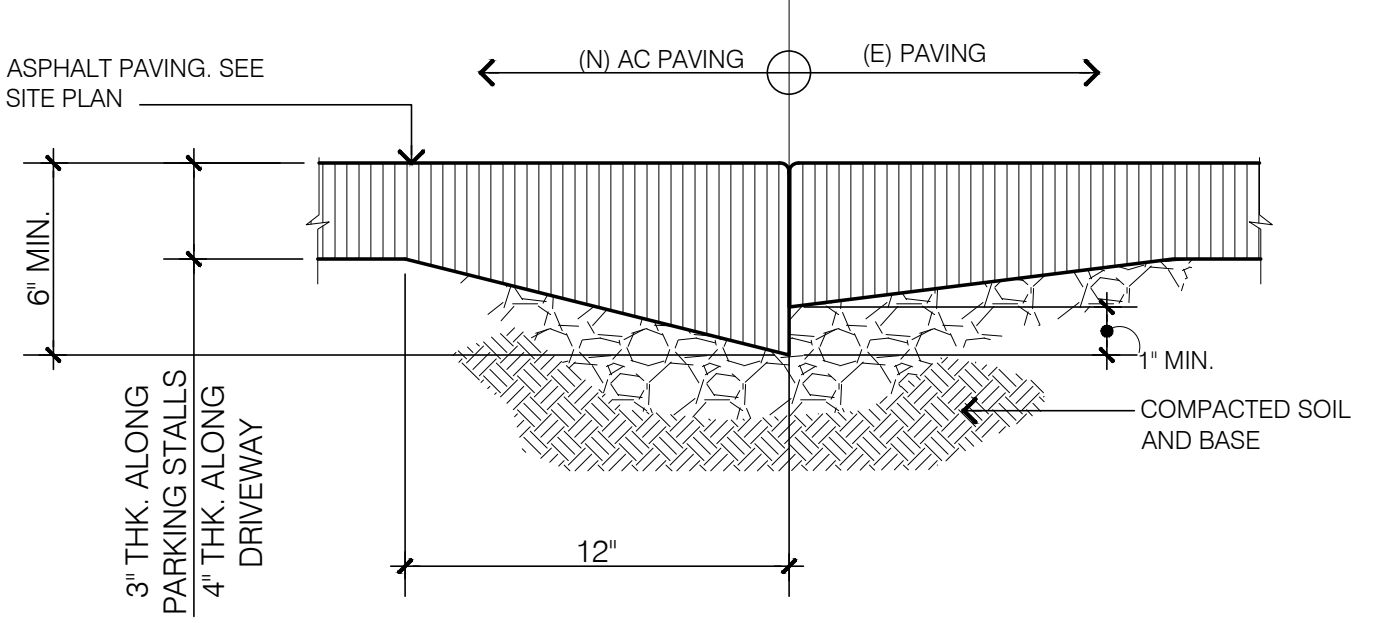
1 CONCRETE WHEEL STOP DETAIL

SCALE: 1-1/2"=1'-0"



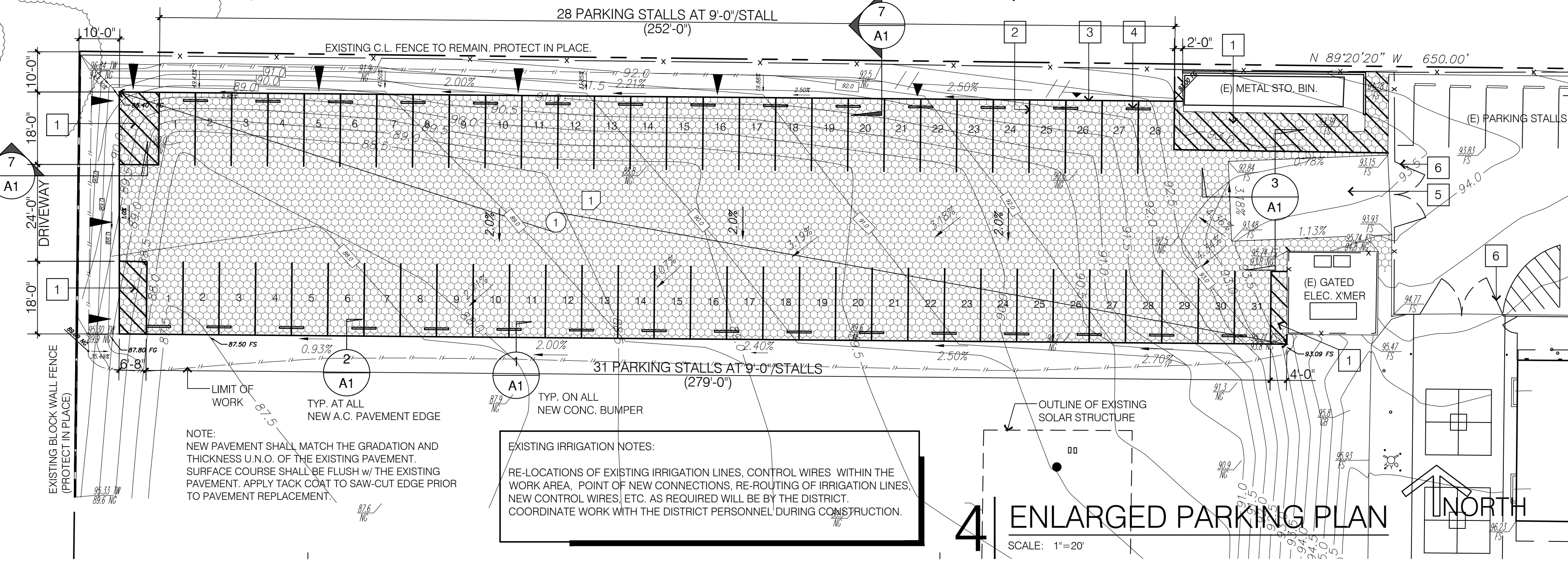
2 A.C. PAVING HEADER

SCALE: 3"



3 A.C. PAVEMENT TO (E) PAVEMENT

SCALE: 1-1/2"=1'-0"



4 ENLARGED PARKING PLAN

SCALE: 1"=20'

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REGISTERED ARCHITECT
 WALNUT COUNTY
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 EXP. 3/31/21
 RENEWAL DATE

STATE OF CALIFORNIA

CONSULTANT

THE ILLUSTRATIONS INDICATED ON THIS SHEET ARE TO REPRESENT THE ARCHITECTURAL DESIGN CONCEPT OF THE PROJECT ONLY. THE DIMENSIONS OF THE BUILDING, THE ELECTRICAL ELEMENTS, AND THE TYPE OF STRUCTURAL, MECHANICAL, AND/OR ELECTRICAL SYSTEMS REPRESENTED DO NOT NECESSARILY PROVIDE THE FULL DESCRIPTION OF THE WORK REQUIRED FOR THE PERFORMANCE OF ALL ACTIVITIES TO COMPLETE THE INSTALLATION. THE CONTRACTOR IS RESPONSIBLE TO PROVIDE ALL MATERIALS AND LABOR REQUIRED FOR THE PROPER EXECUTION OF THE CONTRACT DOCUMENTS CONSISTENT WITH ALL APPLICABLE CODES AND ACCEPTABLE CONSTRUCTION PRACTICES.

Revision(s)	Date
No.	Remarks

Project Title:
 INTERIM PARKING

At:
 MESA ELEMENTARY SCHOOL

Owner:
 COVINA-VALLEY UNIFIED SCHOOL DISTRICT

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 WEST COVINA, CA 91791
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Project Tracking No.

Project No.
 CVUSD_MES10719

Sheet Title

SITE PLAN
 TYPICAL DETAILS
 GENERAL NOTES

Designed: Drawing No.
 Drawn: leolwag
 Checked:
 Plot Date: 10.7.19
 Filename: covina Sheet No. of

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