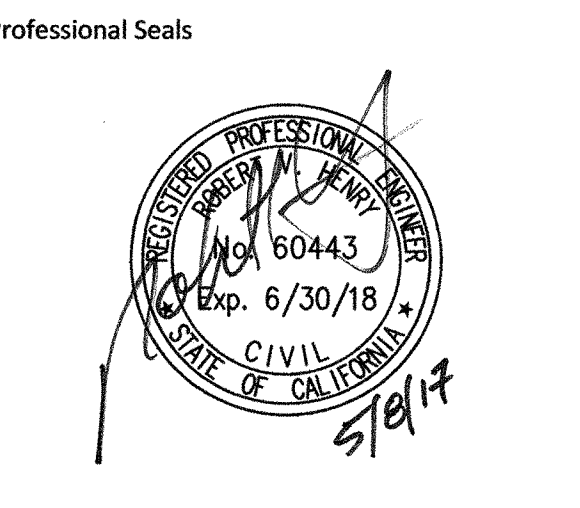


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MONTEREY PENINSULA UNIFIED SCHOOL DISTRICT

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IDENTIFICATION STAMP
 DIV. OF THE STATE ARCHITECT
 OFFICE OF REGULATION SERVICES

01-116689

AC *kw* FLs *nr* SSS *CW*

DATE: MAY 10 2017

SHEET TITLE:
GRADING & DRAINAGE PLAN

SCALE: 1" = 10'

No.	Description	Date

Drawn By: TS
 Checked By: MPM

JOB # 17.010 D
 DATE May 8, 2017

SHEET # C1.1

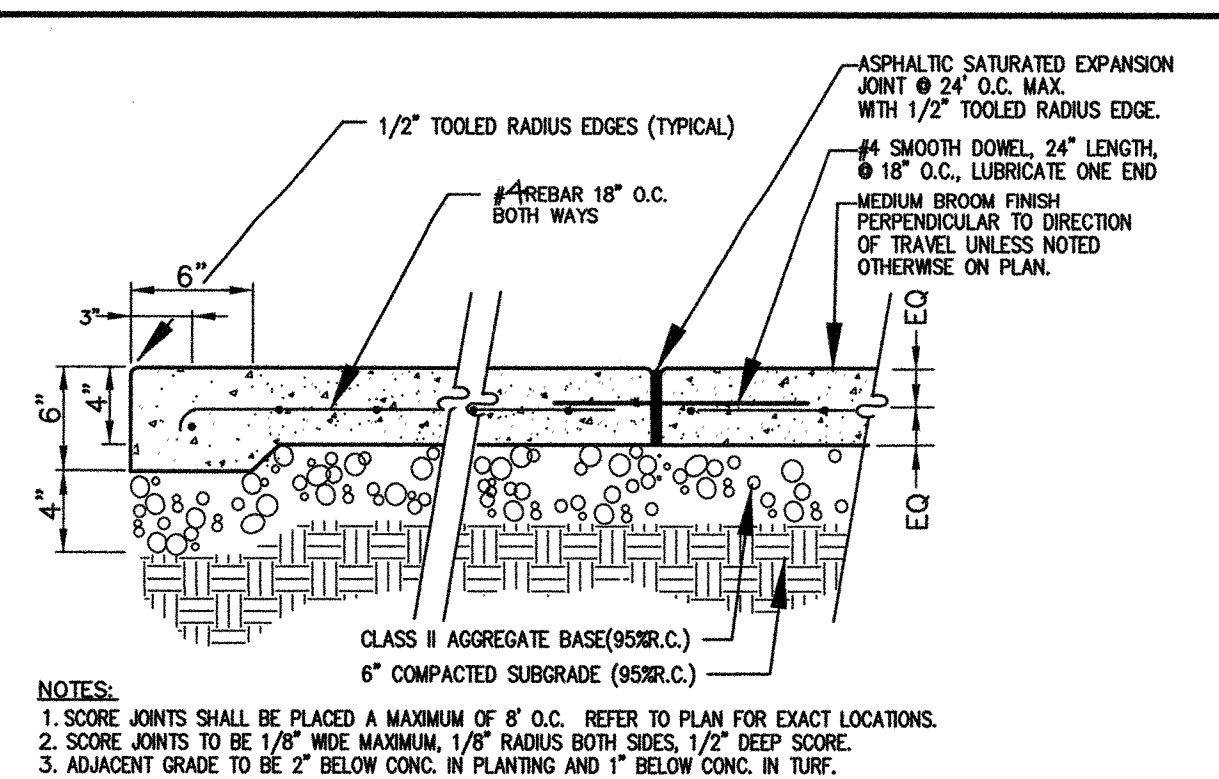
LEGEND

DESCRIPTION	DETAIL	PROPOSED	EXISTING
PROPERTY LINE			
CENTERLINE			
CONCRETE PAVING			
AC CONFORM			
VERTICAL CURB			
STORM AREA DRAIN			
STORM DRAIN INLET			
FIRE HYDRANT			
ELECTROLIER			
ELECTROLIER CONDUIT & CABLE W/PULL BOX			
SANITARY SEWER			
STORM DRAIN			
WATER LINE			
HANDICAP RAMP			
DIRECTION & RATE OF SLOPE			
SWALE			
FENCE			
EDGE OF PAVEMENT			
CONTOUR			

DETAIL NUMBER
SHEET UPON WHICH DETAIL APPEARS

ABBREVIATIONS

AC	ASPHALT CONCRETE	LTB	LIME TREATED BASE
AB	AGGREGATE BASE PAD ELEVATION	(ME)	MATCH EXISTING ELEVATION
ARCH	ARCHITECTURAL	MH	MANHOLE
BS	BOTTOM OF STEP	ML	MONUMENT LINE
BW	BACK OF WALK ELEVATION	P	PAVEMENT SURFACE ELEVATION
BOW	BOTTOM OF WALL ELEVATIONS	E	PROPERTY LINE
CB	CATCH BASIN	PP	PERFORATED PIPE
CI	CAST IRON	RM	RIM ELEVATION
CL	CENTER LINE	RWL	RAIN WATER LEADER
CLF	CHAIN LINK FENCE	S=	SLOPE
C&G	CURB AND GUTTER	SD	STORM DRAIN
C	CONCRETE ELEVATION	S.A.D.	SEE ARCHITECT DRAWINGS
CSD	CITY STANDARD DETAIL	S.L.D.	SEE LANDSCAPE DRAWINGS
DWY	DRIVEWAY	S.P.D.	SEE PLUMBING DRAWINGS
E	ELECTRICAL	SG	SUBGRADE ELEVATION
(E)	EXISTING	SS	SANITARY SEWER
EBOX	ELECTRICAL BOX	SSCO	SANITARY SEWER CLEANOUT
EC	EDGE OF CONCRETE	S.O.V.	SHUT OF VALVE IN CHRISTY BOX
EP	EDGE OF PAVEMENT	SLURRY	SLURRY RAT SLAB
EV	ELECTRICAL VAULT	T	TELEPHONE
FG	FINISH GRADE	TC	TOP OF CURB
FNC	FENCE	TD	TRENCH DRAIN
FH	FIRE HYDRANT	TE	TOP OF TILE ELEVATION
FF	FINISHED FLOOR ELEVATION	TOE	TOE OF BANK
FL	FLOW LINE	TOW	TOP OF WALL ELEVATION
FOC	FACE OF CURB	TP	TELEPHONE POLE
G	GAS	TR	TOP OF RAMP
GB	GRADE BREAK	TS	TOP OF STEP
GND	GROUND ELEVATION	TSB	TRAFFIC SIGNAL BOX
JP	JOINT POLE	VLT	VAULT
ICV	IRRIGATION CONTROL VALVE	W	WATER
INV	INVERT	WV	WATER VALVE
LF	LINEAR FEET		
LS	LANDSCAPE		



1 CONCRETE PAVING

GENERAL NOTES

- All work shall be done in accordance with the following:
 - Applicable sections of the State of California Department of Transportation Standard Specifications, latest edition, hereinafter called "Caltrans";
 - Uniform Plumbing Code and California Building Code Provisions
 - AWWA standards and specifications;
 - City of San Jose Standard Details and Specifications where applicable;
 - These plans and details shown hereon;
 - Standards of the United States Department of Labor, Occupational Safety and Health Administration, Office of Standards and rules of the State Division of Industrial Safety;
 - The Project Specifications
 - Soils Investigation

Where conflicts exist between any of the above listed specifications, the most stringent listed specification shall prevail.

- It is the responsibility of the Contractor to secure all permits necessary to perform the work, including but not limited to, work in the public right-of-way, grading, tree removal, and utility modifications.
- Contractor shall supply all equipment, labor, and materials necessary to perform the work shown on this plan.
- It shall be the responsibility of the various contractors to coordinate their work so as to eliminate conflicts and work toward the general good and completion of the entire project.
- All workmanship and materials furnished by Contractor shall be of the kind and quality described in the specifications and shall be first class throughout. Neither final acceptance nor final payment by Owner shall relieve the Contractor of responsibility for faulty materials or workmanship.

- In the event of any conflict of information shown in these plans or any conflict between these plans and the intent of a consistent and functional product, the Contractor shall so notify the Owner in writing, upon which notice the Owner shall resolve the conflict by the issuance of a written order, revised plans or both. The Contractor shall bear full cost and responsibility for work affected by such conflicts and performed by Contractor prior to such notice to the Owner and issuance of such order and/or revised plans.
- Contractor shall provide adequate dust control at all times as required by Owner's representative.
- Contractor shall exercise all necessary caution to avoid damage to any existing trees, or surface improvements, or to any existing drainage structure, water structures, sewer cleanouts, manholes, or junction boxes for underground electric, telephone, or cable TV, or storm sewer, sanitary sewer, water line, and underground utilities, which are to remain in place and shall bear full responsibility for any damage thereto.

- All known existing utility lines are shown for information only. Contractor shall exercise all necessary caution to avoid damage to any existing utility lines or facilities to remain in place, whether or not such lines or facilities are shown on these plans, and shall bear full responsibility for any damage thereto. Contractor is advised to Contact Underground Service Alert (USA) at (800) 642-2444 or a private Underground Locator Service (at contractor's expense) and the affected utility company for marking underground lines prior to beginning work.
- Inspection of work: A representative of Owner will inspect all work, including grades and compaction of earthwork. Contractor shall notify the Soils Engineer at least forty eight (48) hours prior to grading and construction of underground facilities.

- Engineer shall have no responsibility for Contractor's work methods and procedures, jobsite conditions, jobsite safety or adherence to safety procedures and requirements.
- The Contractor agrees that, in accordance with generally accepted construction practices, the Contractor will be required to assume sole and complete responsibility for jobsite conditions during the course of construction of the project, including safety of all persons and property. This requirement shall apply continuously and not be limited to normal working hours. The contractor agrees to defend, indemnify and hold Owner and Engineer harmless from any and all liability, real or alleged, in connection with the performance of the work on this project, exempting liability arising from the sole negligence of the Engineer or Owner.

GRADING AND PAVING NOTES

- Work shall consist of all clearing, grubbing, and stripping, preparation of land to be filled, excavation, spreading, compaction and control of the fill, and all subsidiary work necessary to complete the grading to conform to the lines, grades and slopes, as shown on the accepted plans and as specified in the Geotechnical Investigation Report.
- The contractor's attention is directed to the Geotechnical Investigation Report.
- Not Used
- The Contractor shall notify the Soil Engineer, at least forty-eight (48) hours prior to commencement of any grading operations on-site.
- A representative of the Soils Engineer shall be on site during grading operations and shall perform such testing as deemed necessary. The representative shall observe the grading operation for conditions that should be corrected, and identify those conditions with recommended corrective measures to the Contractor.

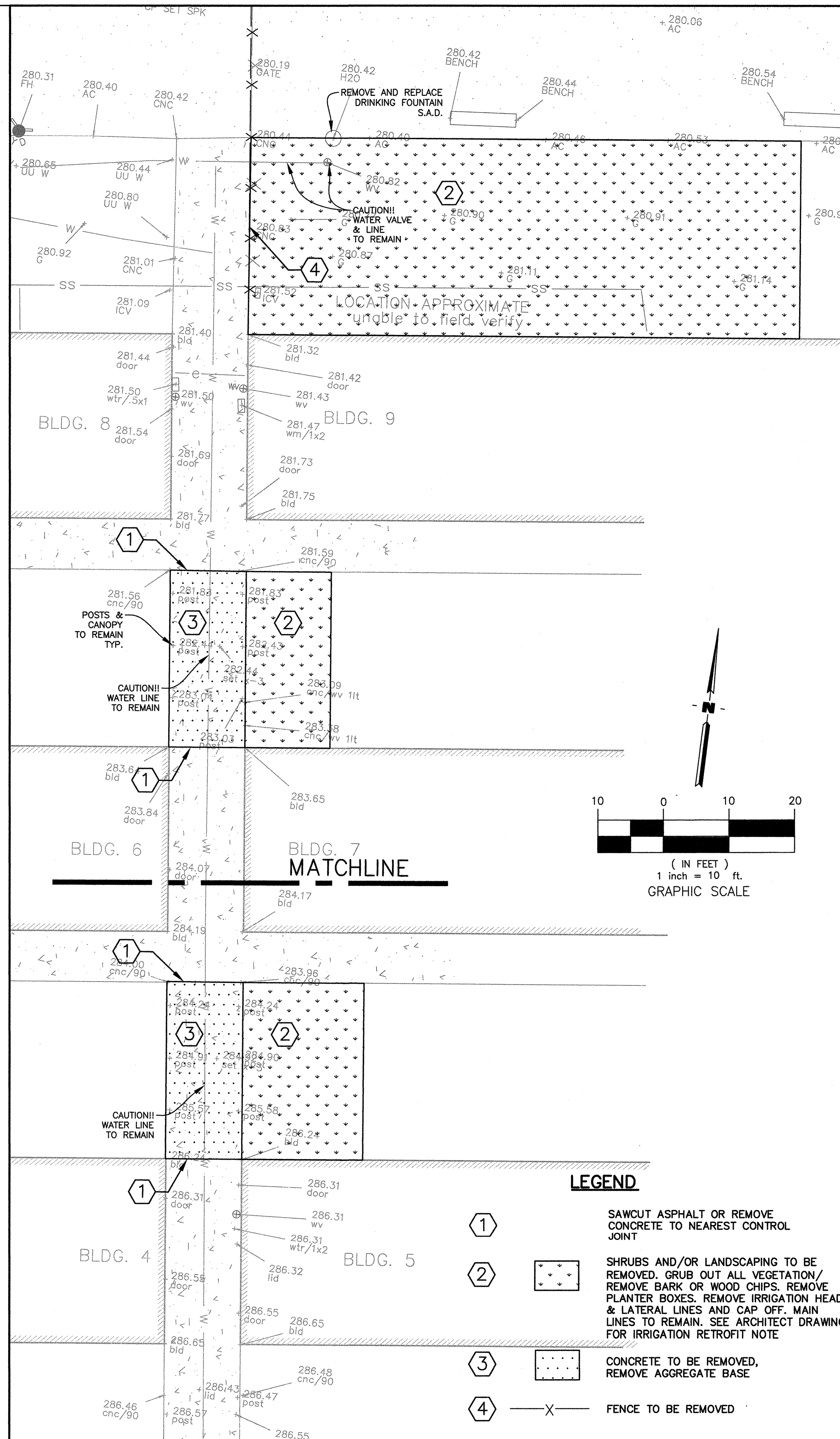
- In the event that any unusual conditions not covered by these notes and the Soils Investigation are encountered during grading operations, the Soils Engineer shall be immediately notified for directions.
- All existing trash, debris, roots, tree remains and other rubbish shall be removed from the site so as to leave the areas that have been disturbed with a neat and finished appearance free from unsightly debris. No burning shall be permitted.
- Contractor shall grade to the line and elevations shown on the plan within the following horizontal and vertical tolerance, in the areas indicated:

	Horizontal	Vertical
a. Building Pad Subgrade	0.50'+	0.05'+

- All aggregate base material and the handling and placement thereof shall be in accordance with the Caltrans Standard Specifications. Aggregate base materials shall be Class II.
- Asphalt concrete (AC) shall be Type B, 3/4" maximum aggregate size for base course and 1/2" maximum aggregate size for surface course, as specified for surface course material in the Caltrans Specification. 2" thickness may be placed in one lift.

- SC-70 liquid asphalt prime coat conforming to the provisions of the Caltrans Specifications shall be applied at the rate of 0.15+ gallons per square yard to surface of aggregate base prior to placement of asphalt concrete.
- SS-I emulsified asphalt point binder conforming to the provisions of the Caltrans Specification shall be applied at the rate of 0.07+ gallons per square yard to existing asphalt concrete surface and vertical concrete surfaces to receive asphalt concrete.
- SS-I emulsified liquid asphalt seal coat conforming to the provisions of the Caltrans Specifications shall be diluted with equal parts water and applied at the rate of 0.15+ gallons per square yard to surface of the new finished asphalt paving surface and existing asphalt paving surfaces to remain in place. Existing asphalt surfaces shall be cleaned prior to seal coat operation.

- Contractor shall adjust all inlets, valve boxes, manhole rims, and sewer cleanouts to new finish grade.
- Materials handling and placement of Portland Cement Concrete shall be in accordance with applicable sections of the Caltrans Standard Specifications and these plans and details shown hereon. Concrete to be Class A, 6 sack, 3000 PSI concrete.



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OFFICE OF REGULATION SERVICES
01-116669
AC, LW, FLS, PC, SSS, CW
DATE: MAY 10 2017

SHEET TITLE:
NOTES, LEGEND & DETAILS/DEMOLITION PLAN
SCALE: 1" = 20'

No.	Description	Date

Drawn By: TS
Checked By: MPM

JOB # 17.010 D
DATE May 8, 2017
SHEET # C2.1