

GENERAL NOTES:

- ALL WORK DETAILED ON THESE PLANS SHALL BE CONSTRUCTED IN ACCORDANCE WITH "STANDARD SPECIFICATIONS FOR PUBLIC WORKS CONSTRUCTION," (LATEST EDITION AND SUPPLEMENTS), THE UNIFORM BUILDING CODE (FOR EXCAVATION AND GRADING), AMERICAN PUBLIC WORKS ASSOCIATION (APWA) STANDARD PLANS, CALIFORNIA BUILDING CODE (CBC) AND CITY OF BEVERLY HILLS STANDARD DETAIL DRAWINGS.
- ALL GEOTECHNICAL RECOMMENDATIONS IMPOSED BY THE CONSULTANT OR CONTAINED IN THE CONSULTANT GEOTECHNICAL REPORT ARE TO BE COMPLIED WITH AND ARE HEREBY MADE AN INTEGRAL PART OF THE GRADING SPECIFICATIONS AND NOTES.
 GEOTECHNICAL REPORT DATED: FEBRUARY 17, 2016
 REPORT NUMBER: 3052-0-0-100
 PREPARED BY: GORIAN & ASSOCIATES, INC.
- EXISTING TOPOGRAPHY SHOWN HEREON WAS TAKEN FROM A SURVEY DATED DECEMBER 10, 2015, BY YOSHIKI MIYAMOTO, NO. 4825 FROM BECKER AND MIYAMOTO, INC.
- PRIOR TO POURING OF CONCRETE, THE GEOTECHNICAL ENGINEER SHALL INSPECT AND APPROVE THE FOOTING EXCAVATIONS AND LEAVE A CERTIFICATE ON THE SITE FOR THE BUILDING INSPECTOR AND THE CONTRACTOR. NO CONCRETE SHALL BE POURED UNTIL THE BUILDING INSPECTOR HAS ALSO INSPECTED AND APPROVED THE FOOTING EXCAVATIONS.
- IF AT ANY TIME DURING THE GRADING AND EXCAVATION OPERATIONS, UNFAVORABLE SOILS CONDITIONS ARE ENCOUNTERED, THE WORK SHALL STOP UNTIL APPROVED CORRECTIVE MEASURES ARE OBTAINED.
- GRADES AND CONTOURS INDICATED ON THE PLANS AS PROPOSED ARE TO FINISHED SURFACE, AND NOT ROUGH GRADES. CONTRACTOR SHALL SUBTRACT THE STRUCTURAL THICKNESS OF PAVEMENTS AND TOP-SOIL THICKNESS IN LANDSCAPED AREAS, TO OBTAIN DESIRED ROUGH GRADES.
- TEMPORARY WEATHER EROSION CONTROL TO BE INSTALLED AT ALL TIMES DURING CONSTRUCTION.
- STANDARD 12" HIGH BERM IS REQUIRED AT TOP OF ALL TEMPORARY AND PERMANENT GRADDED SLOPES.
- NO FILL TO BE PLACED, UNTIL THE CITY GRADING INSPECTOR HAS INSPECTED AND APPROVED THE BOTTOM EXCAVATION.
- ALL CONCENTRATED DRAINAGE MUST BE CONDUCTED TO THE STREET IN APPROVED NON-EROSIVE DEVICES OR THROUGH STORM DRAIN SYSTEM.
- EXCAVATIONS SHALL BE MADE IN ACCORDANCE WITH THE REGULATIONS OF THE STATE OF CALIFORNIA, DIVISION OF INDUSTRIAL SAFETY. ALL EXCAVATIONS SHALL BE STABILIZED WITHIN 30 DAYS OF INITIAL EXCAVATION. ALL TEMPORARY EXCAVATIONS SHALL BE DONE IN ACCORDANCE WITH THE RECOMMENDATIONS OF THE GEOTECHNICAL REPORT.
- ALL DEBRIS AND FOREIGN MATERIAL SHALL BE REMOVED FROM THE SITE AND DISPOSED OF AT APPROVED DISPOSAL SITES. THE CONTRACTOR SHALL OBTAIN NECESSARY PERMITS FOR THE TRANSPORTATION OF MATERIAL TO AND FROM THE SITE.
- CONSTRUCTION STAKING FOR IMPROVEMENTS SHOWN ON THESE PLANS SHALL BE PERFORMED BY A LICENSED LAND SURVEYOR.
- STRAIGHT GRADE SHALL BE MAINTAINED BETWEEN CONTOUR LINES AND SPOT ELEVATIONS UNLESS OTHERWISE SHOWN ON THE PLANS.
- DIMENSIONS TO PIPELINES ARE TO CENTERLINE UNLESS OTHERWISE NOTED.
- ALL DIMENSIONS ARE IN FEET OR DECIMALS THEREOF.
- ALL CURB DIMENSIONS AND RADII ARE TO BOTTOM OF CURB FACE.
- CONTRACTOR SHALL CONTACT UNDERGROUND SERVICE ALERT (USA) AT (800-227-2600) PRIOR TO ANY EXCAVATION.
- CONTRACTOR TO BE AWARE OF ALL OVERHEAD LINES AT ALL TIMES, SO AS NOT TO DISTURB THEM.
- CONTRACTOR SHALL COORDINATE REMOVAL OR RELOCATION OF ANY PUBLIC UTILITY LINES WITH THEIR RESPECTIVE OWNERS. SEPARATE PERMITS MAY BE REQUIRED.
- THE CONTRACTOR SHALL REPLACE ALL EXISTING IMPROVEMENTS DAMAGED DURING CONSTRUCTION AT HIS OWN EXPENSE AND TO THE SATISFACTION OF THE OWNER. MATCH EXISTING MATERIALS, SURFACE TREATMENT, AND COLORS. SAME SHALL APPLY TO PERMANENT UTILITY TRENCH RESURFACING.
- STORM DRAINAGE SYSTEMS SHOWN ON THESE PLANS HAVE BEEN DESIGNED FOR THE FINAL SITE CONDITION AT COMPLETION OF THE PROJECT. THE CONTRACTOR IS RESPONSIBLE FOR MAINTAINING ADEQUATE DRAINAGE OF THE SITE, DURING INTERIM CONDITIONS OF CONSTRUCTION.
- CUT AND FILL SLOPES SHALL BE NO STEEPER THAN TWO HORIZONTAL ONE VERTICAL.
- ANY TEMPORARY STOCKPILING OF EXCESS MATERIAL ON SITE SHALL BE APPROVED BY THE OWNER AND THE CONSTRUCTION MANAGER, INCLUDING PROTECTION AND EROSION CONTROL, PRIOR TO EXCAVATION.
- STAKE AND FLAG THE PROPERTY LINES IN ACCORDANCE WITH A LICENSED SURVEY MAP.
- CONTRACTOR SHALL PROVIDE AN "AS BUILT" TOPOGRAPHIC SURVEY OF FINAL BUILT CONDITION AT COMPLETION OF CONSTRUCTION.



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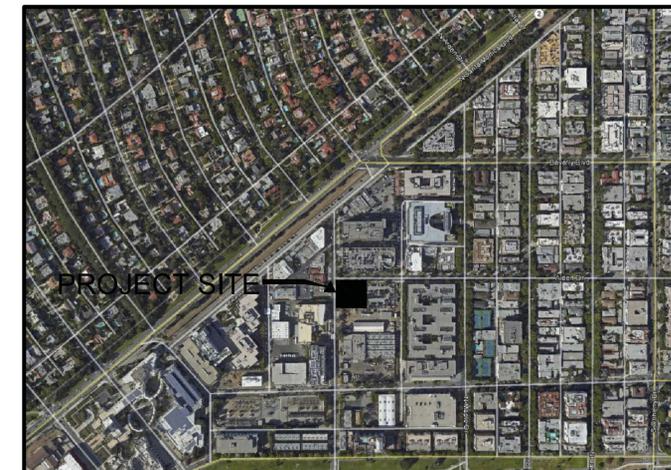
BENCHMARK:
 CITY OF BEVERLY HILLS BENCHMARK NO.
 278CIVIC CENTER @ FOOTHILL (SW CORNER):
 PK NAIL IN CIVIC CENTER CURB, NEAR
 STREET LIGHT AT FOOTHILL BACK OF WALK
 ELEVATION = 244.37 (2012, NAVD 88)

CITY OF BEVERLY HILLS GENERAL NOTES

- CONSTRUCTION IS ALLOWED BETWEEN THE HOURS OF 8:00 AM AND 6:00 PM, MONDAY THROUGH FRIDAY, AND IS PROHIBITED ON PUBLIC HOLIDAYS.
- CONSTRUCTION-RELATED PARKING IS NOT ALLOWED ON A PUBLIC STREET, UNLESS OTHERWISE APPROVED AND PERMITTED BY THE BUILDING OFFICIAL. A CONSTRUCTION PARKING PLAN SHALL BE PREPARED AND SUBMITTED TO THE DEPARTMENT FOR REVIEW AND APPROVAL; ONCE APPROVED, THE PLAN MUST BE MADE PART OF FINAL DRAWINGS.
- "NOTICE OF PENDING DEMOLITION/CONSTRUCTION" SHALL BE POSTED ON CONSTRUCTION FENCE AT LEAST 10 DAYS PRIOR TO START OF ANY WORK AND MAINTAINED DURING THE ENTIRE COURSE OF CONSTRUCTION. (A DIGITAL PHOTO MUST BE PRESENTED AS PROOF OF POSTING) THE SIGN SHALL BE OBTAINED FROM THE PLAN REVIEW ENGINEER OR THE BUILDING INSPECTOR IN THE BUILDING AND SAFETY DIVISION.
- A PRE-CONSTRUCTION MEETING WITH THE CITY AND THE PROJECT TEAM (CONTRACTOR, OWNER, ENGINEER OR ARCHITECT) IS REQUIRED PRIOR TO BEGINNING ANY NEW CONSTRUCTION OR WHEN REQUIRED BY THE CITY. THE "PRE-CONSTRUCTION MEETING TOPICS" SHALL BE MADE PART OF PLANS, AND SIGNED BY ALL PARTIES AT THE MEETING.
- ALL CONSTRUCTION PROJECTS SHALL COMPLY WITH THE "BEST MANAGEMENT PRACTICES" OUTLINED IN "ATTACHMENT A," FOR "STORM WATER POLLUTION CONTROL" AND "MINIMUM WATER QUALITY PROTECTION" REQUIREMENTS.
- FOR ALL NEW CONSTRUCTION AND WHEN REQUIRED BY THE CITY, A LICENSED SURVEYOR MUST CERTIFY THAT THE LOCATION OF THE FOOTING FORMS IS PER THE APPROVED PLANS BEFORE FOUNDATIONS CAN BE POURED. THE SURVEYOR MUST PROVIDE A PLOT PLAN SHOWING PRECISE DIMENSIONS TO THE PROPERTY LINES AND THE ELEVATION OF THE FORMS AS COMPARED WITH THE REFERENCE ELEVATION SHOWN ON THE APPROVED PLANS.
- FOR ALL NEW CONSTRUCTION, AND WHEN REQUIRED BY THE CITY, A LICENSED SURVEYOR MUST CERTIFY THAT THE HEIGHT OF THE BUILDING IS IN ACCORDANCE WITH THE APPROVED PLANS. THE SURVEYOR MUST SHOW THE PRECISE HEIGHT OF THE BUILDING AS COMPARED WITH THE REFERENCE ELEVATION SHOWN ON THE APPROVED PLANS.
- FOR ALL NEW CONSTRUCTION AND WHEN REQUIRED BY THE CITY, AN APPROVED WEATHERPROOFING CONSULTANT MUST CERTIFY THAT THE WEATHERPROOFING ELEMENTS OF THE BUILDING HAVE BEEN INSTALLED IN ACCORDANCE WITH THE APPROVED PLANS, ALL RELEVANT CODES, AND PER MANUFACTURERS SPECIFICATIONS. AT A MINIMUM, AN INSPECTION AND REPORT WILL BE REQUIRED BEFORE PLASTERING BEGINS AND BEFORE FINAL APPROVAL IS GRANTED.
- FOUNDATION EXCAVATIONS SHALL BE INSPECTED AND APPROVED BY THE GEOTECHNICAL ENGINEER PRIOR TO REQUESTING CITY INSPECTION. THE GEOTECHNICAL ENGINEER SHALL PREPARE AND LEAVE A FIELD REPORT FOR THE CITY INSPECTOR.
- WATER EFFICIENT LANDSCAPING AND SMART IRRIGATION CONTROLLERS SHALL BE INSTALLED:
 I) WHENEVER LANDSCAPE AREA EXCEEDS 2500 SQUARE FEET.
 II) WHEN EXISTING LANDSCAPING IS ALTERED BY MORE THAN 50% AND IS MORE THAN 2500 SQUARE FEET.
- REVISIONS AND DETAIL CHANGES PROPOSED ON A PROJECT AFTER THE BUILDING PERMIT IS ISSUED SHALL BE COORDINATED AND COMMUNICATED WITH THE CITY'S PROJECT PLAN REVIEW ENGINEER/ARCHITECT (PREA). REVISIONS AND DETAIL CHANGES SHALL BE REVIEWED AND APPROVED BY THE PREA PRIOR TO REQUESTING AN INSPECTION. APPOINTMENTS ARE REQUIRED TO BE MADE WITH THE PREA TO REVIEW THE REVISED PLANS (ADDITIONAL REVIEW FEES MAY APPLY).
- THE PROJECT ARCHITECT, ENGINEER, AND APPLICANT UNDERSTAND THAT THEIR POINT OF CONTACT IS THE CITY'S PROJECT PLAN REVIEW ENGINEER/ARCHITECT (PREA) FOR THE DURATION OF THE PROJECT. ALL RELATED PROJECT PLAN REVISIONS, OR PROPOSED NEW STRUCTURES, SHOULD BE DIRECTED TO THE CITY'S PREA. THE ARCHITECT SHOULD CONTACT THE PREA USING THEIR DIRECT TELEPHONE NUMBER IN ORDER TO MAKE AN OFFICE APPOINTMENT.

GEOTECHNICAL NOTES

- PARTICLES LARGER THAN 3 INCHES IN DIAMETER SHALL NOT BE ALLOWED IN THE BACKFILL MATERIAL.
- THE PROPOSED REINFORCED CONCRETE SLAB PAD SUBGRADES SHOULD BE REMOVED TO A DEPTH AS RECOMMENDED IN THE HEREIN REFERENCED GEOTECHNICAL REPORT, AND REPLACED WITH NON-EXPANSIVE SOILS, MOISTENED OR DRIED TO ITS OPTIMUM MOISTURE CONTENT, AND RECOMPACTED TO 90 PERCENT OF ITS MAXIMUM DRY DENSITY.
- FLOOR SLABS-ON-GRADE SHALL BE DESIGNED PER THE RECOMMENDATIONS OF THE REFERENCED HEREIN GEOTECHNICAL REPORT. THE DESIGN OF THE SLAB MAY BE ALTERED ONLY BY THE CONSULTING STRUCTURAL ENGINEER.
- ON-SITE OR IMPORTED GRANULAR SOILS MAY BE USED AS BACKFILL MATERIAL IF THEY ARE WITH EXPANSION INDEX OF 20 OR LESS. ALL BACKFILL SHOULD BE PLACED IN THIN HORIZONTAL LIFTS, WETTED OR AIR-DRIED AS NECESSARY TO ACHIEVE NEAR OPTIMUM MOISTURE CONDITIONS, AND COMPACTED IN PLACE TO A MINIMUM RELATIVE COMPACTION OF 90 PERCENT OF ITS MAXIMUM DRY DENSITY. FLOODING OR WETTING OF BACKFILL SOILS IS NOT PERMITTED.
- BACKFILL FOR ALL UTILITY TRENCHES UNDER SLABS AND WITHIN DRIVEWAYS AND PARKING AREAS SHOULD BE COMPACTED TO A MINIMUM RELATIVE COMPACTION OF 90 PERCENT OF ITS MAXIMUM DRY DENSITY BY MECHANICAL METHODS. WHERE UTILITY TRENCHES ARE PARALLEL TO THE FOOTINGS, THE BOTTOM OF THE TRENCH SHOULD BE LOCATED ABOVE A PLANE WITH A SLOPE OF 1:1, PROJECTED DOWNWARD FROM THE ADJACENT BOTTOM EDGE OF THE FOOTING.
- ALL REQUIRED FILLS SHOULD BE PLACED IN HORIZONTAL LIFTS 6" TO 8" IN THICKNESS & COMPACTED TO AT LEAST 90% OF MAXIMUM DRY DENSITY.
- INSPECTION & TESTING: TO INSURE COMPLIANCE THE RECOMMENDATIONS OF THE HEREIN REFERENCED GEOTECHNICAL REPORT, THE FOLLOWING OPERATIONS SHALL BE OBSERVED BY THE GEOTECHNICAL ENGINEER:
 - TEMPORARY EXCAVATIONS
 - REMOVAL OF UNSUITABLE SOILS
 - BACKFILL PLACEMENT AND COMPACTION
 - FOUNDATION EXCAVATIONS.
 - UTILITY TRENCH EXCAVATIONS
- THE GEOTECHNICAL ENGINEER SHALL PERFORM PERIODIC INSPECTIONS AND SUBMIT A COMPLETE REPORT AND MAP UPON COMPLETION OF THE ROUGH GRADING OPERATIONS.
- THE FINAL COMPACTION REPORT AND APPROVAL FROM THE GEOTECHNICAL ENGINEER SHALL CONTAIN THE TYPE OF FIELD TESTING PERFORMED, THE METHOD OF OBTAINING THE IN-PLACE DENSITY, WHETHER SAND CONE, NUCLEAR GAGE, OR DRIVE RING SHALL BE SO NOTED FOR EACH TEST. SUFFICIENT MAXIMUM DENSITY DETERMINATIONS SHALL BE PERFORMED TO VERIFY THE ACCURACY OF THE MAXIMUM DENSITY CURVES USED BY THE FIELD TECHNICIAN.
- NOTIFICATION OF NONCOMPLIANCE: IF, IN THE COURSE OF FULFILLING THEIR RESPONSIBILITY, THE CIVIL ENGINEER, THE GEOTECHNICAL ENGINEER, THE ENGINEERING GEOLOGIST OR THE TESTING AGENCY FINDS THAT THE WORK IS NOT BEING DONE IN CONFORMANCE WITH THE APPROVED GRADING PLANS, THE DISCREPANCIES SHALL BE REPORTED IMMEDIATELY IN WRITING TO THE PERSON IN CHARGE OF THE GRADING WORK AND TO THE OWNER REPRESENTATIVE. RECOMMENDATION FOR CORRECTIVE MEASURES, IF NECESSARY, SHALL BE SUBMITTED TO THE CONSTRUCTION MANAGER OF THE PROJECT.
- ALL EXISTING SEWERS, CESSPOOLS AND SEPTIC TANKS OR OTHER SEWAGE DISPOSAL FACILITIES, WHERE NOTED, SHALL BE ABANDONED IN COMPLIANCE WITH THE UNIFORM PLUMBING CODE AND TO THE APPROVAL OF THE GEOTECHNICAL ENGINEER AND CITY BUILDING DEPARTMENT.
- EXPORT SOILS MUST GO TO A LEGAL DUMP SITE OR TO A PERMITTED SITE APPROVED BY THE CITY BUILDING AND PUBLIC WORKS DEPARTMENT.
- NO GRADING SHALL BE STARTED WITHOUT FIRST NOTIFYING THE GRADING INSPECTOR AND BEFORE THE PRE-GRADING MEETING.
- THE CONTRACTOR SHALL NOTIFY THE GRADING INSPECTOR WHEN THE GRADING OPERATION IS READY FOR EACH OF THE FOLLOWING INSPECTIONS:
 - INITIAL INSPECTION. WHEN THE CONTRACTOR IS READY TO BEGIN WORK, BUT NOT LESS THAN TWO DAYS BEFORE ANY CLEARING OR GRADING IS STARTED.
 - TOE INSPECTION. AFTER THE NATURAL GROUND OR BEDROCK IS EXPOSED AND PREPARED TO RECEIVE FILL, BUT BEFORE FILL IS PLACED.
 - EXCAVATION INSPECTION. AFTER THE EXCAVATION IS STARTED, BUT BEFORE THE VERTICAL DEPTH OF THE EXCAVATION EXCEEDS TEN FEET.
 - FILL INSPECTION. AFTER THE FILL PLACEMENT IS STARTED, BUT BEFORE THE VERTICAL HEIGHT OF THE FILL EXCEEDS TEN FEET.
 - DRAINAGE DEVICE INSPECTION. AFTER PLACEMENT OF PIPE IN SUBDRAINS, BUT BEFORE ANY CONCRETE OR FILLER MATERIAL IS PLACED.
 - ROUGH GRADING INSPECTION. WHEN ALL ROUGH GRADING HAS BEEN COMPLETED, THIS INSPECTION MAY BE CALLED FOR AT THE COMPLETION OF ROUGH GRADING WITHOUT THE INSPECTOR NECESSARILY HAVING PREVIOUSLY REVIEWED AND APPROVED THE REQUIRED REPORTS.
 - FINAL GRADING AND IMPROVEMENT INSPECTION. WHEN ALL WORK (INCLUDING INSTALLATION OF ALL DRAINAGE STRUCTURES, OTHER PROTECTIVE DEVICES AND ALL OTHER IMPROVEMENTS WHICH INCLUDE LANDSCAPING AND IRRIGATION SYSTEMS) HAS BEEN COMPLETED AND THE AS-GRADED PLAN, PROFESSIONAL CERTIFICATIONS AND THE REQUIRED REPORTS HAVE BEEN SUBMITTED.
- PRIOR TO PLACEMENT OF FILL, THE UPPER 12 INCHES OF EXPOSED SURFACE BY EXCAVATION SHALL BE SCARIFIED, MOISTURE CONDITIONED TO 2 TO 4 PERCENT OVER OPTIMUM MOISTURE CONTENT AND COMPACTED TO 90% RELATIVE COMPACTION.
- ALL FILLS SHALL BE COMPACTED THROUGHOUT TO A MINIMUM OF 90 PERCENT RELATIVE COMPACTION AS DETERMINED BY ASTM TEST METHOD 1557, AND APPROVED BY THE SOILS ENGINEER. COMPACTION TESTS SHALL BE PERFORMED APPROXIMATELY EVERY TWO FEET IN VERTICAL HEIGHT AND OF SUFFICIENT QUANTITY TO ATTEST TO THE OVERALL COMPACTION EFFORT APPLIED TO THE FILL AREAS.
- AREAS TO RECEIVE FILL SHALL BE CLEARED OF ALL VEGETATION AND DEBRIS, SCARIFIED AND APPROVED BY THE SOILS ENGINEER PRIOR TO PLACING OF THE FILL.
- FILLS SHALL BE KEYED OR BENCHED INTO COMPETENT MATERIAL PER SOILS REPORT.
- ALL EXISTING FILLS SHALL BE APPROVED BY THE SOILS ENGINEER OR REMOVED BEFORE ANY ADDITIONAL FILLS ARE ADDED.
- ANY EXISTING IRRIGATION LINES AND CISTERNS SHALL BE REMOVED OR CRUSHED IN PLACE AND BACKFILLED AND APPROVED BY THE SOILS ENGINEER.
- THE EXACT LOCATION OF THE SUBDRAINS SHALL BE SURVEYED IN THE FIELD FOR LINE AND GRADE.
- ALL TRENCH BACKFILLS SHALL BE COMPACTED THROUGHOUT TO A MINIMUM OF 90 PERCENT RELATIVE COMPACTION, AND APPROVED BY THE SOILS ENGINEER. THE BUILDING DEPARTMENT MAY REQUIRE CORING OF CONCRETE FLAT WORK PLACED OVER UNTESTED BACKFILLS TO FACILITATE TESTING.
- THE STOCKPILING OF EXCESS MATERIAL SHALL BE APPROVED BY THE BUILDING DEPARTMENT.
- A PRE-GRADING MEETING SHALL BE SCHEDULED 48 HOURS PRIOR TO START OF GRADING WITH THE FOLLOWING PEOPLE PRESENT: OWNER, GRADING CONTRACTOR, DESIGN CIVIL ENGINEER, SOILS ENGINEER, GEOLOGIST, CITY BUILDING INSPECTOR OR THEIR REPRESENTATIVES. REQUIRED FIELD INSPECTIONS WILL BE OUTLINED AT THE MEETING.



VICINITY MAP

SCALE: N.T.S.



INDEX OF DRAWINGS

SHT. NO.	DESCRIPTION
C1.01	TITLE SHEET, GENERAL NOTES
C1.02	GENERAL NOTES
C2.01	TYPICAL DETAILS
C2.02	TYPICAL DETAILS
C3.01	PRECISE GRADING PLAN
C3.02	EXCAVATION PLAN
C4.01	SITE UTILITY PLAN
C5.01	EROSION CONTROL PLAN

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ORLANDO MORENO, PE
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CALIFORNIA CODE OF REGULATIONS

APPLICABLE CODES AS OF JANUARY 1, 2016

2013 BUILDING STANDARDS ADMINISTRATIVE CODE, PART 1, CBCS
 2013 CALIFORNIA BUILDING CODE (CBC), PART 2, CBCS
 (2012 IBC AND CALIFORNIA AMENDMENTS)
 2013 CALIFORNIA FIRE CODE, PART 9, CBCS
 (2012 INTERNATIONAL FIRE CODE AND CALIFORNIA AMENDMENTS)
 2013 CALIFORNIA REFERENCED STANDARDS, PART 12, CBCS
 - TITLE 8 C.C.R., CH. 4, SUB-CH. 6 - ELEVATOR SAFETY ORDERS
 - TITLE 19 C.C.R., PUBLIC SAFETY, SFM REGULATIONS

LIST OF FEDERAL CODES AND STANDARDS

- AMERICANS WITH DISABILITIES ACT (ADA), TITLE III

ABBREVIATIONS

AC	ASPHALTIC CONCRETE	LP	LOW POINT
BFP	BACKFLOW PREVENTOR	MAX.	MAXIMUM
BW	BACK OF WALK	MIN.	MINIMUM
BLDG	BUILDING	MH	MANHOLE
BM	BENCH MARK	NTS	NOT TO SCALE
CB	CATCH BASIN	PA	PLANTER AREA
CI	CAST IRON	PCC	PORTLAND CEMENT CONC.
CL	CENTER LINE	PVC	POLYVINYL CHLORIDE
CMB	CRUSHED MISCELLANEOUS BASE	R OR RAD	RADIUS
CMU	CONCRETE MASONRY UNIT	RD	ROOF DRAIN
CO	CLEANOUT	SD	STORM DRAIN
CONC	CONCRETE	SF	SQUARE FEET
CF	CURB FACE	SSMH	SANITARY SEWER MANHOLE
EL. OR ELEV	ELEVATION	STD	STANDARD
ELEC	ELECTRIC, ELECTRICAL	SDMH	STORM DRAIN MANHOLE
EX. OR EXIST.	EXISTING	TC	TOP OF CURB
FF	FINISHED FLOOR	TG	TOP OF GRATE
FG	FINISHED GRADE (LANDSCAPE)	TW	TOP OF WALL
FS	FINISHED SURFACE (HARDSCAPE)	TYP	TYPICAL
FH	FIRE HYDRANT	VL	VAULT
FL	FLOW LINE/FLOOR LEVEL	WM	WATER METER
FT	FOOT OR FEET	WV	WATER VALVE
HP	HIGH POINT		
INV.	INVERT		



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FOR BRANDOW & JOHNSTON, INC.

Revision

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Submital

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Drawn By

Checked By

TITLE SHEET & GENERAL NOTES
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C1.01

ENVIRONMENTAL QUALITY NOTES

- TEMPORARY EROSION CONTROL TO BE INSTALLED AT ALL TIMES DURING CONSTRUCTION.
- GROUND WATERING SHALL BE REQUIRED DURING CONSTRUCTION, PURSUANT TO SOUTH COAST AIR QUALITY MANAGEMENT DISTRICT (SCAQMD) RULE 403.
- CONSTRUCTION EQUIPMENT AND MACHINERY MUST BE MAINTAINED IN GOOD CONDITION ACCORDING TO MANUFACTURER'S SPECIFICATIONS. BOTH GRADING AND CONSTRUCTION ACTIVITIES ARE TO BE SCHEDULED TO EVEN OUT EMISSION PEAKS.
- THE SITE SHALL BE FENCED TO REDUCE WIND-BLOWN DUST. CONSTRUCTION MATERIALS NOT STORED BEHIND THE TEMPORARY FENCES SHALL BE COVERED. ALL STORED SOIL AND SAND SHALL BE COVERED OR TREATED WITH SOIL BINDERS, WHETHER INSIDE OR OUTSIDE THE TEMPORARY WALL. ALL DEBRIS SHALL BE CLEANED UP DAILY AND PUT IN A DUMPSTER WHICH SHALL HAVE A LID AND THE LID SHALL BE SECURED AT THE END OF THE DAY.
- EVERY REASONABLE PRECAUTION SHALL BE TAKEN TO MINIMIZE FUGITIVE DUST EMISSIONS FROM BLASTING, WRECKING, EXCAVATION, GRADING, CLEARING OF LAND AND SOLID WASTE DISPOSAL OPERATIONS.
- TEMPORARY EROSION CONTROL DEVICES SHALL BE INSTALLED TO THE SATISFACTION OF THE CITY INSPECTOR. THEY SHALL BE RELOCATED OR MODIFIED AS AND WHEN THE CITY INSPECTOR SO DIRECTS AS THE WORK PROGRESSES.
- ALL LOOSE SOIL AND DEBRIS SHALL BE REMOVED FROM THE STREET AREAS UPON STARTING OPERATIONS, AND PERIODICALLY THEREAFTER DIRECTED BY THE CITY INSPECTOR.
- STANDBY CREW FOR EMERGENCY WORK SHALL BE AVAILABLE AT ALL TIMES DURING THE RAINY SEASON. NECESSARY MATERIAL SHALL BE AVAILABLE ON SITE AND STOCKPILED AT CONVENIENT LOCATIONS TO FACILITATE RAPID CONSTRUCTION OF TEMPORARY DEVICES OR TO REPAIR ANY DAMAGED EROSION CONTROL MEASURES WHEN RAIN IS IMMINENT, OR WHEN THE INSPECTOR OF RECORD SO ORDERS.
- EROSION CONTROL DEVICES SHALL NOT BE MOVED OR MODIFIED WITHOUT THE APPROVAL OF THE CITY INSPECTOR.
- EXCEPT WHEN THE CITY INSPECTOR DIRECTS OTHERWISE, ALL REMOVABLE PROTECTIVE DEVICES REQUIRED SHALL BE IN PLACE AT THE END OF EACH WORKING DAY WHEN THE FIVE-DAY RAIN FORECAST EXCEEDS 50%.
- VELOCITY CHECK DAMS SHALL BE PROVIDED IN ALL UNPAVED GRADED CHANNELS AT THE INTERVALS INDICATED BELOW:

GRADE OF CHANNEL	INTERVALS BETWEEN CHECK DAMS
LESS THAN 3%	100 FEET
3% TO 6%	50 FEET
OVER 6%	25 FEET
- AFTER A RAINSTORM, ALL SILT AND DEBRIS SHALL BE REMOVED FROM CHECK BERMS AND DESILTING BASINS.
- SURFACE PROTECTION MEASURES DAMAGED DURING A RAINSTORM SHALL ALSO BE IMMEDIATELY REPAIRED.
- THE FACES OF TEMPORARY CUT AND FILL SLOPES SHALL BE PREPARED AND MAINTAINED TO CONTROL AGAINST EROSION.

NOTICE TO CONTRACTORS

- PRIOR TO COMMENCING CONSTRUCTION, THE CONTRACTOR SHALL VERIFY ALL JOIN CONDITIONS FOR GRADING AND DRAINAGE WORK. IF CONDITIONS DIFFER FROM THOSE SHOWN ON THE PLANS, THE CONTRACTOR SHALL NOTIFY THE ENGINEER AND SHALL NOT BEGIN CONSTRUCTION UNTIL THE CHANGED CONDITIONS HAVE BEEN EVALUATED.
- THE EXISTENCE, LOCATION AND CHARACTERISTICS OF UNDERGROUND UTILITY INFORMATION SHOWN ON THESE PLANS HAVE BEEN OBTAINED FROM A REVIEW OF AVAILABLE RECORD DATA. NO REPRESENTATION IS MADE AS TO THE ACCURACY OR COMPLETENESS OF SAID UTILITY INFORMATION. THE CONTRACTOR SHALL TAKE PRECAUTIONARY MEASURES TO PROTECT THE UTILITY LINES SHOWN AND ANY OTHER LINES NOT OF RECORD OR NOT SHOWN ON THESE PLANS.
- THE CONTRACTOR FURTHER SHALL ASSUME SOLE AND COMPLETE RESPONSIBILITY FOR JOB SITE CONDITIONS, INCLUDING SAFETY OF ALL PERSONS AND PROPERTY, DURING THE COURSE OF CONSTRUCTION OF THIS PROJECT. THIS REQUIREMENT SHALL APPLY CONTINUOUSLY, AND SHALL NOT BE LIMITED TO NORMAL WORKING HOURS. THE CONTRACTOR SHALL DEFEND, INDEMNIFY AND HOLD THE OWNER AND ENGINEER HARMLESS FROM ANY AND ALL LIABILITY, REAL OR ALLEGED, IN CONNECTION WITH THE PERFORMANCE OF WORK ON THIS PROJECT.
- THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE REVIEW AND COORDINATION OF ALL DRAWINGS AND SPECIFICATIONS PRIOR TO THE START OF CONSTRUCTION. ANY DISCREPANCIES THAT OCCUR SHALL BE BROUGHT TO THE ATTENTION OF THE ARCHITECT OR THE ENGINEER, PRIOR TO THE START OF CONSTRUCTION SO THAT A CLARIFICATION CAN BE ISSUED. ANY WORK PERFORMED IN CONFLICT WITH THE CONTRACT DOCUMENTS OR ANY CODE REQUIREMENTS SHALL BE CORRECTED BY THE CONTRACTOR AT THEIR OWN EXPENSE AND NOT TO THE EXPENSE OF THE OWNER OR ENGINEER.
- ALL CHANGES TO THE CONSTRUCTION DOCUMENTS FOR THIS PROJECT SHALL BE DONE IN WRITING AND APPROVED BY THE ENGINEER OF RECORD. THE ENGINEER SHALL NOT BE RESPONSIBLE, OR LIABLE FOR UNAUTHORIZED CHANGES OR USES OF THE CONSTRUCTION DOCUMENTS.
- SHOULD CONFLICTING INFORMATION BE FOUND ON THE PLANS, THE CONTRACTOR SHALL NOTIFY THE PROJECT ARCHITECT OR ENGINEER BEFORE PROCEEDING WITH THE WORK IN QUESTION.
- THE CONTRACTOR SHALL OBTAIN AN OCCUPATIONAL SAFETY AND HEALTH ADMINISTRATION (O.S.H.A.) PERMIT FROM THE CALIFORNIA DIVISION OF INDUSTRIAL SAFETY PRIOR TO THE CONSTRUCTION OF TRENCHES OR EXCAVATIONS WHICH ARE 5 FEET OR DEEPER.
- NOTES AND DETAILS ON DRAWINGS SHALL TAKE PRECEDENCE OVER GENERAL NOTES AND TYPICAL DETAILS.

WATER SYSTEM GENERAL NOTES

- MATERIALS USED AND ALL WORK TO BE PERFORMED SHALL BE IN ACCORDANCE WITH THE BEVERLY HILLS WATER DEPARTMENT, STANDARD SPECIFICATIONS AND DRAWINGS FOR THE CONSTRUCTION OF WATER MAINS AND FACILITIES.
- THRUST BLOCKS SHALL BE INSTALLED AT ALL TEES AND BENDS IN NEW WATER LINES PER REFERENCED DETAIL. FOR THRUST BLOCK BASE SIZES SEE TABLE ON SHEET C2.02.
- AVAILABLE FIRE FLOW: MINIMUM OF 1857 GPM @ 81 PSI RESIDUAL.
- PRIOR TO WATERLINE CONSTRUCTION, THE CONTRACTOR IS REQUIRED TO SUBMIT TRENCH GRADE SHEETS TO CONSTRUCTION MANAGER OF THE OWNER. GRADE SHEETS SHALL SHOW STATIONING, FINISH SURFACE ELEVATIONS, HUB ELEVATIONS, AND CUT/FILL TO TOP OF PIPE.
- MINIMUM SEPARATION BETWEEN WATER SERVICES SHALL BE 3- FEET.
- UNLESS OTHERWISE SHOWN, MINIMUM COVER SHALL BE 36-INCHES OVER 12-INCH PIPES AND SMALLER, FROM FINISH SURFACE.
- NO SERVICE SHALL BE CLOSER THAN 3- FEET TO A COUPLING.
- PROVISIONS MUST BE MADE FOR TEMPORARY FILLING CONNECTIONS, DISINFECTION, PRESSURE TESTING, AND FLUSHING AND DRAINING. THESE PROVISIONS TO BE PRESENTED TO CONSTRUCTION MANAGER OF THE OWNER, FOR APPROVAL, PRIOR TO THE START OF CONSTRUCTION.
- PRIOR TO ACCEPTANCE BY THE OWNER, THE WATER DISTRIBUTION SYSTEM SHALL BE TESTED TO MEET THE FIRE FLOW REQUIREMENTS BY CITY OF BEVERLY HILLS FIRE DEPARTMENT AND STATE FIRE MARSHAL.
- THE INSPECTION, HYDROSTATIC TEST AND FLUSHING OF THE HYDRANT AND/OR SPRINKLER SYSTEM SHALL BE WITNESSED BY THE PROPER FIRE DEPARTMENT REPRESENTATIVE. NO UNDERGROUND PIPING SHALL BE COVERED OR HIDDEN FROM VIEW UNTIL THE FIRE DEPARTMENT REPRESENTATIVE HAS BEEN NOTIFIED AND GIVEN NOT LESS THAN 48 HOURS IN WHICH TO INSPECT SUCH INSTALLATIONS.
- EXISTING FIRE MAINS SHALL BE TESTED WITH THE NEW INSTALLATION.
- INSTALL TRACER WIRE WITH ALL NEW PIPES.
- RESTRAINTS:
 - VALVE RESTRAINTS:** SHALL BE USED WHEN INSTALLING PUSH-ON VALVES BELOW GROUND. WHEN PLACING THRUST BLOCKS AROUND A FITTING, THE CONCRETE MUST BE AROUND THE FITTING AND NOT AT THE JOINT.
 - MECHANICAL RESTRAINT JOINTS:** RESTRAINT JOINTS SHALL BE PROVIDED AT ALL TEES, CROSSES, REDUCERS, BENDS, CAPS, PLUGS AND VALVES SUCH THAT THE PIPE IS FULLY RESTRAINT IN ALL DIRECTIONS. THE RESTRAINT MECHANISM SHALL CONSIST OF INDIVIDUALLY RESTRAINING GRIPPING SURFACES TO MAXIMIZE THE RESTRAINT CAPABILITY.
 - PUSH-ON RESTRAINT:** WHEN RESTRAINING A PUSH-ON JOINTS ADJACENT TO RESTRAIN FITTINGS, A HARNESS RESTRAINT DEVICE SHALL BE USED. HARNESS SHALL HAVE PRESSURE RATING EQUAL TO THAT OF THE PIPE ON WHICH IS USED.

ACCESSIBILITY NOTES

CALIFORNIA ACCESS COMPLIANCE, TITLE 24 CCR

- WALKS AND SIDEWALK SURFACE CROSS SLOPES SHALL NOT EXCEED 1/4" PER FOOT (2% GRADIENT) (SEC. 11B-403.3)
- WHEN THE SLOPE IN THE DIRECTION OF TRAVEL OF ANY WALK EXCEEDS 1:20 (5% GRADIENT) IT SHALL COMPLY WITH THE PROVISIONS OF SECTION 11B-401 AS A PEDESTRIAN RAMP (SEC. 11B-403.3)
- WALK AND SIDEWALK SURFACES WITH A SLOPE OF LESS THAN 6% GRADIENT SHALL BE AT LEAST AS SLIP-RESISTANT AS THAT DESCRIBED AS A MEDIUM SALTED FINISH. (SEC. 11B-403.2)
- WALK & SIDEWALK SURFACES WITH A SLOPE OF 6% OR MORE GRADIENT SHALL BE SLIP-RESISTANT. (SEC. 11B-403.2)
- ALL WALKS WITH CONTINUOUS GRADIENTS SHALL HAVE LEVEL AREAS AT LEAST 5' IN LENGTH AT INTERVALS OF' AT LEAST EVERY 400'. (SEC. 11B-403.7)
- WALKS SHALL BE PROVIDED WITH A LEVEL AREA NOT LESS THAN 60"x 60" AT A DOOR OR GATE THAT SWINGS TOWARD THE WALK, AND NOT LESS THAN 48" WIDE x 44" DEEP AT A DOOR OR GATE THAT SWINGS AWAY FROM THE WALK. (SEC. 11B-403.7)
- WALKS AND SIDEWALKS SHALL HAVE A CONTINUOUS COMMON SURFACE, NOT INTERRUPTED BY STEPS OR BY ABRUPT CHANGES IN LEVEL EXCEEDING 1/2", AND SHALL BE A MINIMUM OF 48" WIDE. (SEC. 11B-403.1, 11B-403.2, 11B-403.5.1, 11B-403.5.3, 11B-302.1)
- WHEN ABRUPT CHANGES IN LEVEL NOT EXCEEDING 1/2" OCCUR, THEY SHALL BE BEVELED WITH A SLOPE NO GREATER THAN 1 UNIT VERTICAL TO 2 UNITS HORIZONTAL (50%), EXCEPT THAT LEVEL CHANGES NOT EXCEEDING 1/4" MAY BE VERTICAL (SEC. 11B-403.4 AND FIGURES 11B-5E (c) AND (d))
- ABRUPT CHANGES IN LEVEL ALONG ANY ACCESSIBLE ROUTE EXCEEDING 1/2" SHALL COMPLY WITH THE REQUIREMENTS FOR CURB RAMPS. (SEC. 11B-403.4)
- WALKS SHALL EXTEND A MINIMUM OF 24" TO THE SIDE OF THE STRIKE EDGE OF A DOOR OR GATE THAT SWINGS TOWARD THE WALL (SEC. 11B-403.7)
- WALKS, SIDEWALKS, AND PEDESTRIAN WAYS SHALL BE FREE OF GRATINGS WHEREVER POSSIBLE. GRID OPENINGS IN GRATINGS SHALL BE 1/2" WIDE MAX IN THE DIRECTION OF TRAFFIC FLOW. ELONGATED OPENINGS, IF PROVIDED SHALL BE PLACED SO THAT THE LONG DIMENSION IS PERPENDICULAR TO THE DOMINANT DIRECTION OF TRAVEL (SEC. 11B-302.3)
- ABRUPT CHANGES IN LEVEL, 4" OR MORE, EXCEPT BETWEEN A WALK OR A SIDEWALK AND ADJACENT STREETS OR DRIVEWAYS SHALL BE IDENTIFIED BY A 6" HIGH CURBS ABOVE WALK SURFACE (SEC. 11B-303.5)
- PROVIDE SIGNS DISPLAYING THE INTERNATIONAL SYMBOL OF ACCESSIBILITY AT EVERY PRIMARY PUBLIC ENTRANCE AND AT EVERY MAJOR JUNCTION ALONG OR LEADING TO AN ACCESSIBLE ROUTE OF TRAVEL. SIGNS SHALL INDICATE THE DIRECTION TO ACCESSIBLE BUILDING ENTRANCES AND SHALL COMPLY WITH SECTION 11B-703 (SEC. 11B-216.6)

GENERAL UTILITY NOTES

- CONTRACTOR TO PROTECT IN PLACE OR ADJUST WHERE NECESSARY ALL EXIST. UTILITY LINES AND UNDERGROUND STRUCTURES, WHETHER SHOWN OR NOT SHOWN ON THESE PLANS, THAT LAY WITHIN THE LIMITS OF THE NEW CONSTRUCTION, AND ARE NOT SPECIFICALLY MARKED TO BE REMOVED OR ABANDONED.
- THE CONTRACTORS' ATTENTION IS DIRECTED TO SECTION 7-10.4.1 OF THE STANDARD SPECIFICATIONS FOR PUBLIC WORKS CONSTRUCTION AND THE AMENDMENTS IN REGARD TO SAFETY ORDERS.
- INSTALLATION OF PIPES IN TRENCHES SHALL BE IN ACCORDANCE WITH SECTION 306 OF THE STANDARD SPECIFICATIONS, AND APPLICABLE APWA AND CITY OF BEVERLY HILLS STANDARD PLANS.
- PIPE BEDDING SHALL BE AS DEFINED IN THE LATEST EDITION OF THE STANDARD SPECIFICATIONS FOR PUBLIC WORKS CONSTRUCTION (SSPWC) "THE GREEN BOOK".
- THE CONTRACTOR MAY VARY THE GRADE AND/OR ALIGNMENT OF THE WATER AND GAS LINES IF FIELD CONDITIONS WARRANT WITH APPROVAL OF THE ENGINEER.
- ALL UTILITY TRENCHES SHALL BE BLOCKED AT THE PRESCRIBED INTERVALS FROM BOTTOM TO TOP WITH A DOUBLE ROW OF SANDBAGS PRIOR TO BACKFILL. SEWER TRENCHES SHALL BE BLOCKED AT THE PRESCRIBED INTERVALS WITH A DOUBLE ROW OF SANDBAGS EXTENDING DOWNWARD, TWO SANDBAGS FROM THE GRADED SURFACE OF THE STREET. SANDBAGS ARE TO BE PLACED WITH ALTERNATE HEADER AND STRETCHER COURSES. THE INTERVALS PRESCRIBED BETWEEN SANDBAG BLOCKING SHALL DEPEND ON THE SLOPE OF THE GROUND SURFACE, BUT SHALL NOT EXCEED THE FOLLOWING:

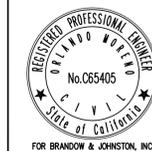
GRADE OF THE STREET	INTERVAL
LESS THAN 2%	AS REQUIRED
2% TO 4%	100 FEET
4% TO 10%	50 FEET
OVER 10%	25 FEET
- THE CONTRACTOR SHALL PROVIDE THE DESIGN OF, OBTAIN THE REQUIRED PERMITS FOR, AND FURNISH AND INSTALL ALL THE TEMPORARY SHORING, UNDERPINNING AND BRACING REQUIRED TO SAFELY EXECUTE THE WORK AND PROTECT EXISTING IMPROVEMENTS.
- CONTRACTOR SHALL EXPOSE EXISTING UTILITY LINES AT THE DOWNSTREAM CONNECTION LOCATIONS FOR VERIFICATION OF JOIN ELEVATIONS. DISCREPANCIES WITH THE PLANS SHALL BE REPORTED TO THE ENGINEER, PRIOR TO CONTINUING WITH CONSTRUCTION.
- FLEXIBLE COMPRESSIBLE JOINTS SHALL BE INSTALLED ON SANITARY SEWER AND STORM DRAIN PIPES WITHIN THREE FEET OF EACH MANHOLE.
- SPECIAL PROVISIONS SUCH AS FLEXIBLE OR SWIVEL JOINTS SHALL BE MADE FOR BURIED UTILITIES TO ALLOW FOR DIFFERENTIAL VERTICAL DISPLACEMENT.
- CONSTRUCTION INSPECTION SHALL BE DONE FOR SUBBEDDING, BEDDING, PIPE LAYING, PIPE TESTING, AND MANHOLE CONSTRUCTION, TRENCHING, CONSOLIDATION OF BACKFILL, PAVING, STREET RESURFACING.
- NO CONCRETE SHALL BE PLACED UNTIL THE FORMS AND REINFORCING STEEL HAVE BEEN PLACED, INSPECTED AND APPROVED BY THE INSPECTOR.
- BACKFILL FOR ALL UTILITY TRENCHES UNDER SLABS AND WITHIN DRIVEWAYS AND PARKING AREAS SHOULD BE COMPACTED TO A MINIMUM RELATIVE COMPACTION OF 90 PERCENT OF ITS MAXIMUM DRY DENSITY BY MECHANICAL METHODS. WHERE UTILITY TRENCHES ARE PARALLEL TO THE FOOTINGS, THE BOTTOM OF THE TRENCH SHOULD BE LOCATED ABOVE A PLANE WITH A SLOPE OF 1:1, PROJECTED DOWNWARD FROM THE ADJACENT BOTTOM EDGE OF THE FOOTING.
- ALL STRUCTURAL CONCRETE SHALL BE PORTLAND CEMENT CONCRETE WITH AN ULTIMATE 28 DAY COMPRESSIVE STRENGTH OF 3250 P.S.I. UNLESS OTHERWISE NOTED.
- FINAL MANHOLE & VALVE COVER RIM ELEVATIONS SHALL BE ADJUSTED TO MEET FINAL GRADES.
- PAVEMENT SHALL BE REPLACED IN KIND PLUS 1" EXTRA ASPHALT-CONCRETE

PAVING NOTES

- CRUSHED MISCELLANEOUS BASE SHOULD CONFORM TO SECTION 200-2.4.1 OF THE STANDARD SPECIFICATIONS FOR PUBLIC WORKS CONSTRUCTION (SSPWC).
- THE PAVEMENT BASE SECTION SHALL BE COMPACTED TO A MINIMUM OF 95% OF MAXIMUM DENSITY. MAXIMUM AND FIELD DENSITY TO BE DETERMINED IN ACCORDANCE WITH ASTM D1557-02 MODIFIED.
- ADJACENT PAVEMENTS SLAB SECTIONS SHALL HAVE A TRAPEZOIDAL KEYED CONSTRUCTION JOINT. AS AN ALTERNATIVE TO THE KEYED JOINT, DOWELING BETWEEN CONSTRUCTION JOINTS CAN BE USED. DOWELS SHALL CONSIST OF SMOOTH, #4 REINFORCING STEEL BAR, 18 INCHES LONG, EMBEDDED A MINIMUM OF NINE INCHES INTO THE SLAB ON EITHER SIDE OF THE CONSTRUCTION JOINT.
- THE PCC PAVEMENT SHALL BE PLACED OVER SUBGRADE SOIL THAT IS COMPACTED TO A DRY DENSITY OF AT LEAST 90 PERCENT OF THE LABORATORY MAXIMUM DRY DENSITY.
- OUTDOOR CONCRETE FLATWORK SHOULD BE CAST OVER UNDISTURBED NATURAL EARTH MATERIALS OR PROPERLY CONTROLLED FILL MATERIALS. ANY EARTH MATERIALS LOOSENEED OR OVER-EXCAVATED SHOULD BE WASTED FROM THE SITE OR PROPERLY COMPACTED TO 90 OR 95 PERCENT OF THE MAXIMUM DRY DENSITY.



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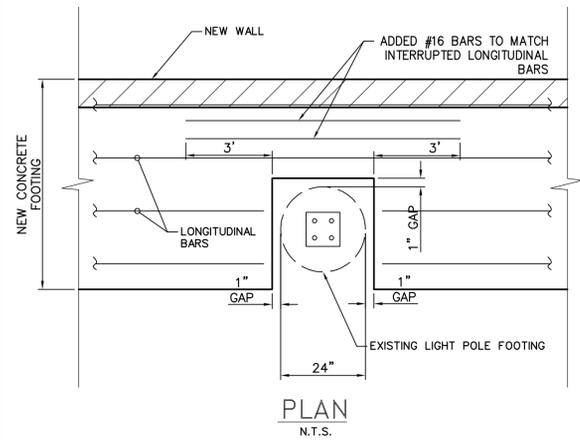


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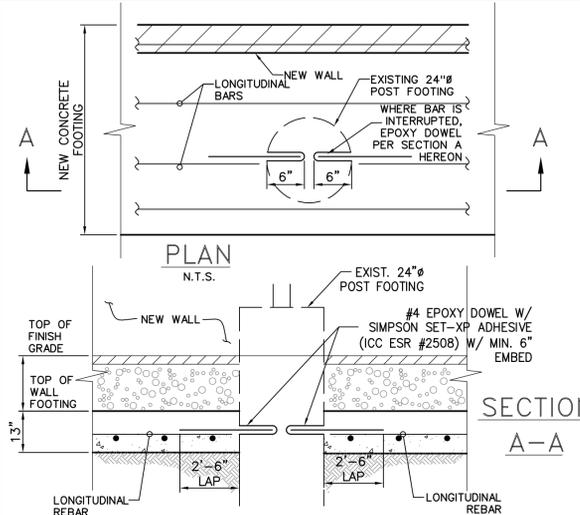
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	1520046		5/02/16		

GENERAL NOTES
CITY OF BEVERLY HILLS DOG PARK
344 FOOTHILL ROAD
BEVERLY HILLS, CA 90210



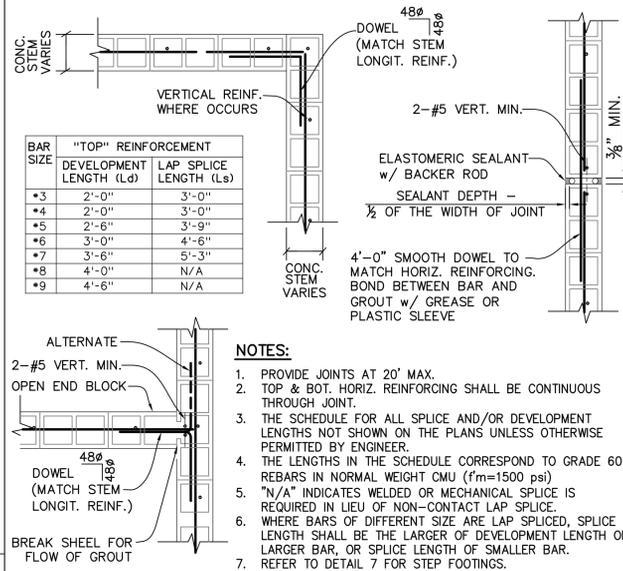
EXISTING LIGHT POST FOUNDATION
DETAIL - CASE A

SCALE:
NO SCALE 11



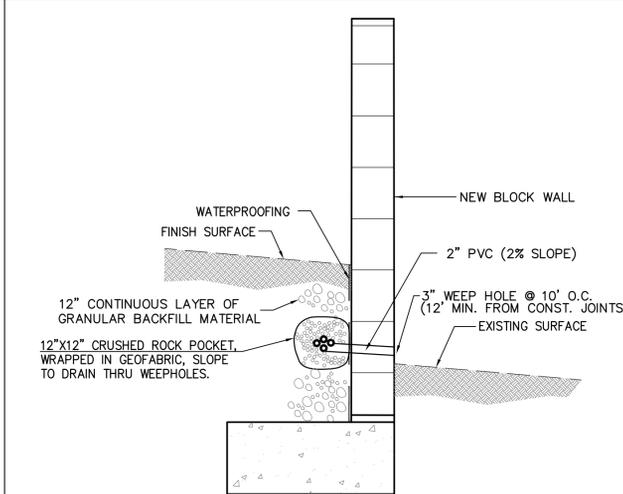
EXISTING LIGHT POST FOUNDATION
DETAIL - CASE B

SCALE:
NO SCALE 12



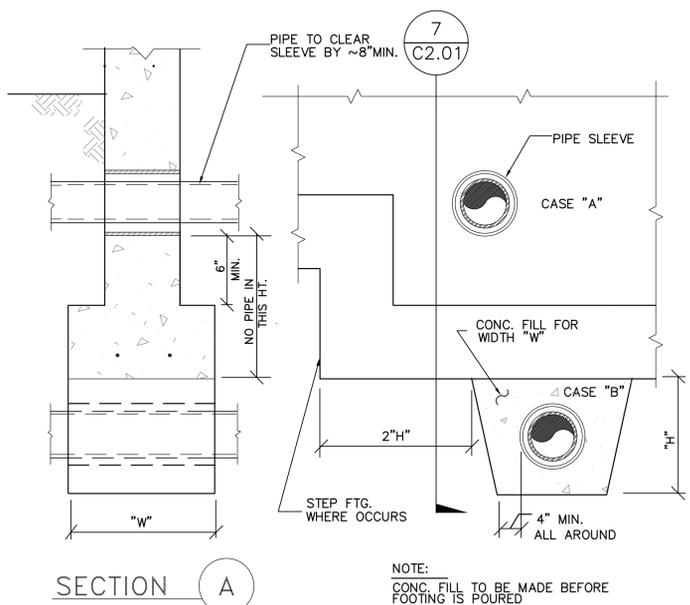
CMU WALL DETAILS

SCALE:
NO SCALE 8



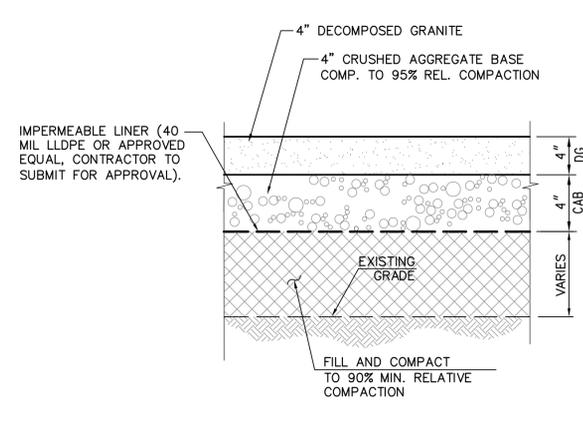
TYPICAL WALL DRAINAGE DETAIL

SCALE:
NO SCALE 9



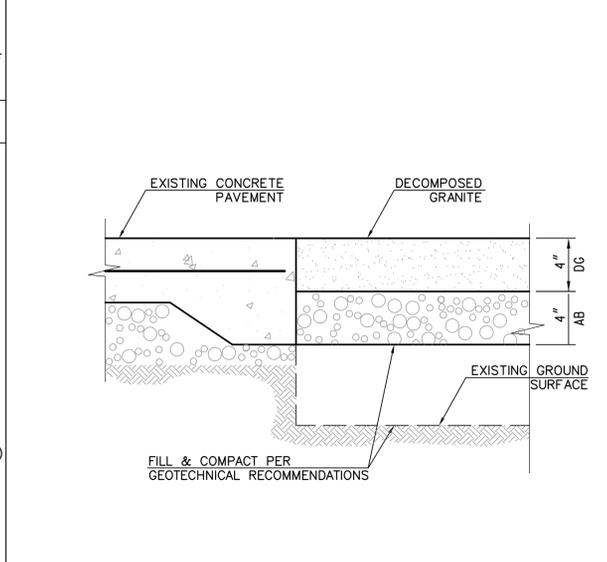
PIPE THRU WALL CROSSING

SCALE:
NO SCALE 10



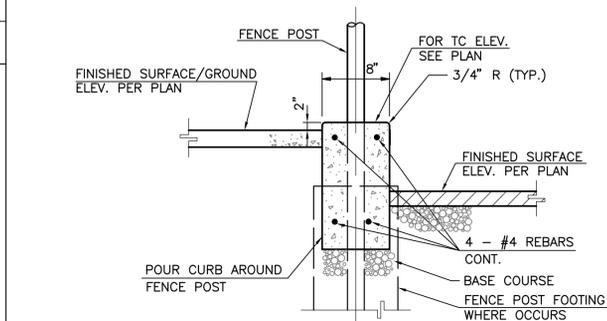
DECOMPOSED GRANITE DETAIL

SCALE:
NO SCALE 4



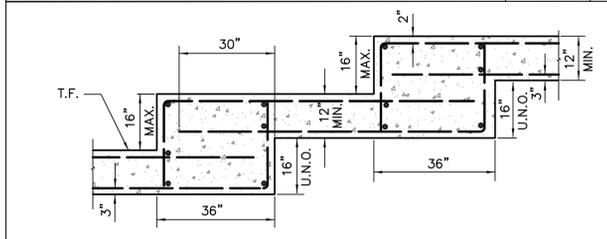
DG TO CONCRETE PAVEMENT TRANSITION

SCALE:
NO SCALE 5



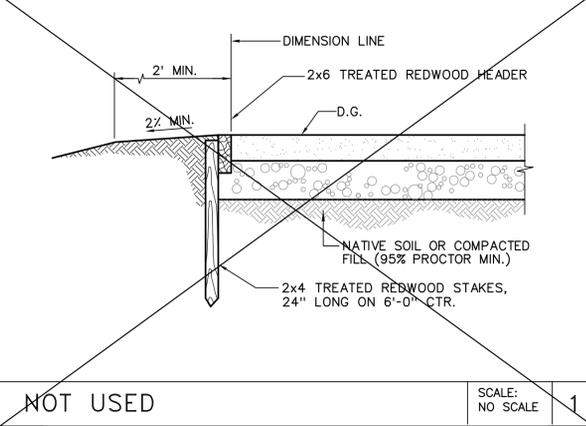
CONCRETE CURB AT FENCE

SCALE:
NO SCALE 6



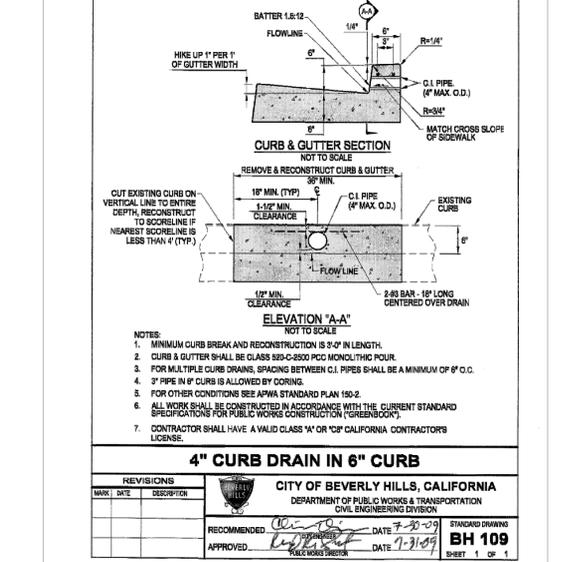
STEP FOOTING

SCALE:
NO SCALE 7



4" CURB DRAIN IN 6" CURB

SCALE:
NO SCALE 2



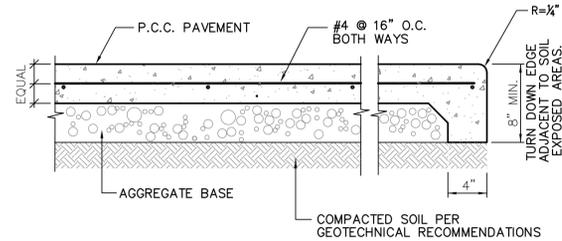
TYP. SECTION - CONCRETE WALK

SCALE:
NO SCALE 3

REVISIONS	MARK	DATE	DESCRIPTION

NO.	DATE	BY

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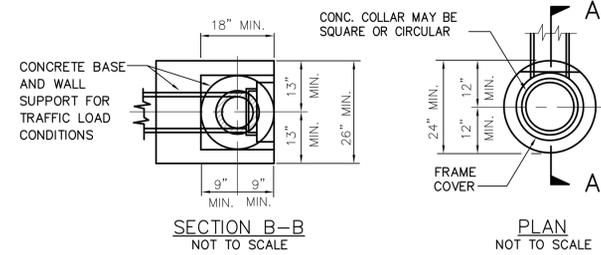


NOTES:

- 1 - PORTLAND CEMENT CONCRETE, $f_c=2500$ psi
- 2 - EXPANSION JOINTS—PER DETAIL 7 HEREON. SPACING - 24' O.C. OR LESS TO FIT WITH CONTROL JOINT SPACING PER DETAIL 7 HEREON.
- 3 - CONTROL JOINTS - PER DETAIL 7 HEREON. SPACING - THE WIDTH OF THE WALKWAY OR PER TABLE ON DETAIL 7 HEREON (WHICHEVER IS LESS).
- 4 - TEXTURE AND COLOR - SEE ARCHITECTURAL DRAWINGS

PEDESTRIAN CONCRETE WALKWAY

SCALE: NO SCALE 6

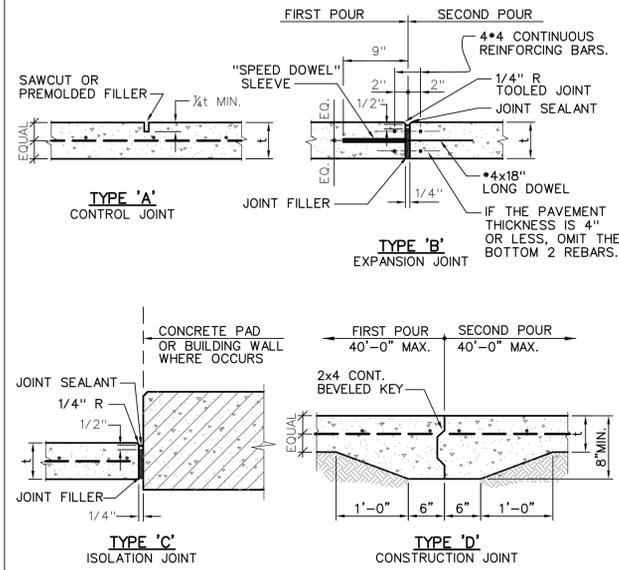


NOTES:

1. PIPE DIAMETER AND INVERT ELEVATION PER PLAN.
2. PIPE AND FITTINGS EXCEPT AS OTHERWISE SHOWN HEREON SHALL BE OF THE SAME MATERIAL AS THE SEWER.
3. PIPES AND FITTINGS SHALL BE PROPERLY ALIGNED AND MAINTAINED WHILE CONCRETE IS BEING PLACED AND ALLOWED TO HARDEN. JOINTS FOR PIPES AND FITTINGS SHALL BE MADE PRIOR TO PLACING CONCRETE. CONCRETE FOR BEDDING, ENCASEMENT, AND WALL SUPPORT FOR PIPES AND FITTINGS SHALL BE PLACED UNIFORMLY AROUND THE PIPE AND FITTINGS AS SHOWN HEREON TO MAINTAIN PROPER ALIGNMENT, AND SHALL BE CLASS 420-C-2000.
4. THE ACCESS FRAME, AND CAP SHALL BE CAST IRON. THE FINGER HOLES MAY BE DRILLED OUT OR MAY BE BLOCKED OUT PRIOR TO CASTING, THEY SHALL NOT BE PUNCHED OUT.

CLEANOUT DETAIL

SCALE: NO SCALE 1



SUGGESTED SPACING OF CONTROL JOINTS

PAVEMENT/SLAB THICKNESS (IN)	LESS THAN 3/4 INCH AGGREGATE: SPACING (FT)	LARGER THAN 3/4 INCH AGGREGATE: SPACING (FT)
3	4	6
4	8	10
5	10	13
6	12	15
7	14	18
8	16	20
9	18	23
10	20	25

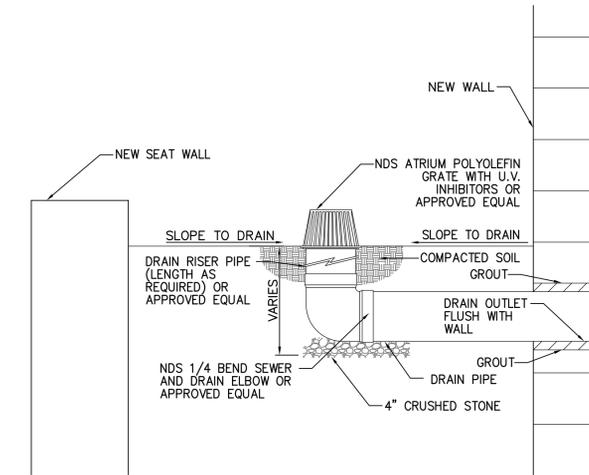
* GIVEN SPACING ALSO APPLY TO THE DISTANCE FROM CONTROL JOINTS TO PARALLEL ISOLATION JOINTS OR TO PARALLEL EXPANSION JOINTS.

NOTES:

1. SEE SPECIFICATIONS FOR TYPE OF JOINT SEALANT AND JOINT FILLER.
2. PLACE 18" LONG #4 DOWELS AT 24" O.C. (TYPE 'B' ONLY)
3. SPACING OF JOINTS PER TABLE HEREON.
4. STOP SLAB REINFORCING AT EXPANSION JOINT.

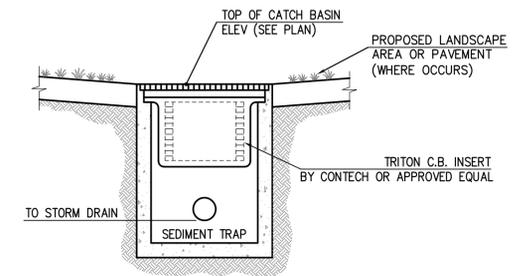
CONSTRUCTION JOINTS

SCALE: NO SCALE 7



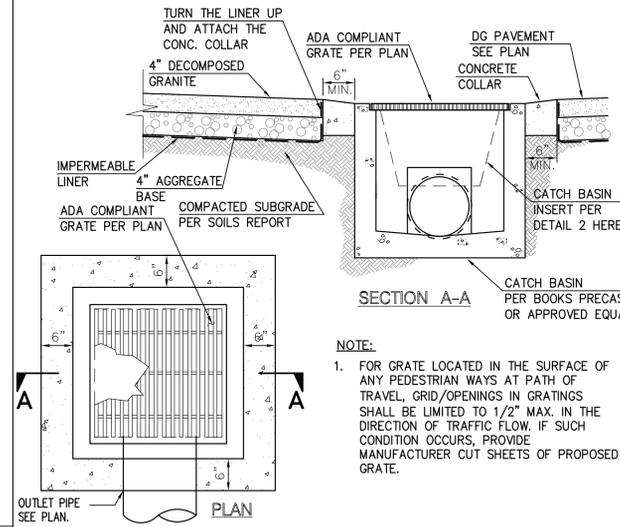
ATRIUM GRATE DETAIL

SCALE: NO SCALE 4



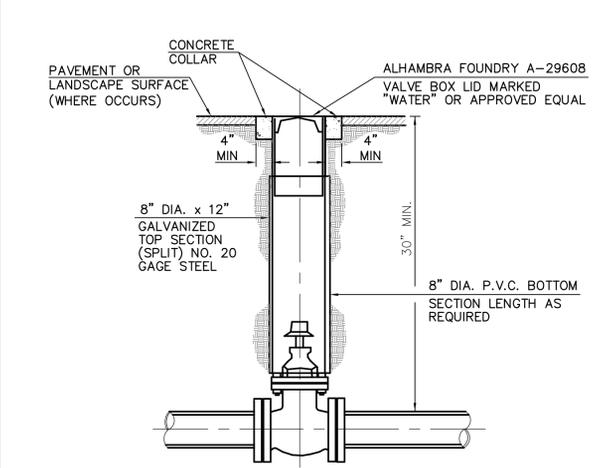
CATCH BASIN INSERT

SCALE: NO SCALE 2



CATCH BASIN AND DG PAVEMENT DETAIL

SCALE: NO SCALE 5



VALVE COVER DETAIL

SCALE: NO SCALE 3

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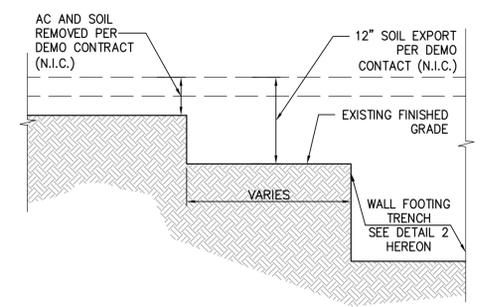
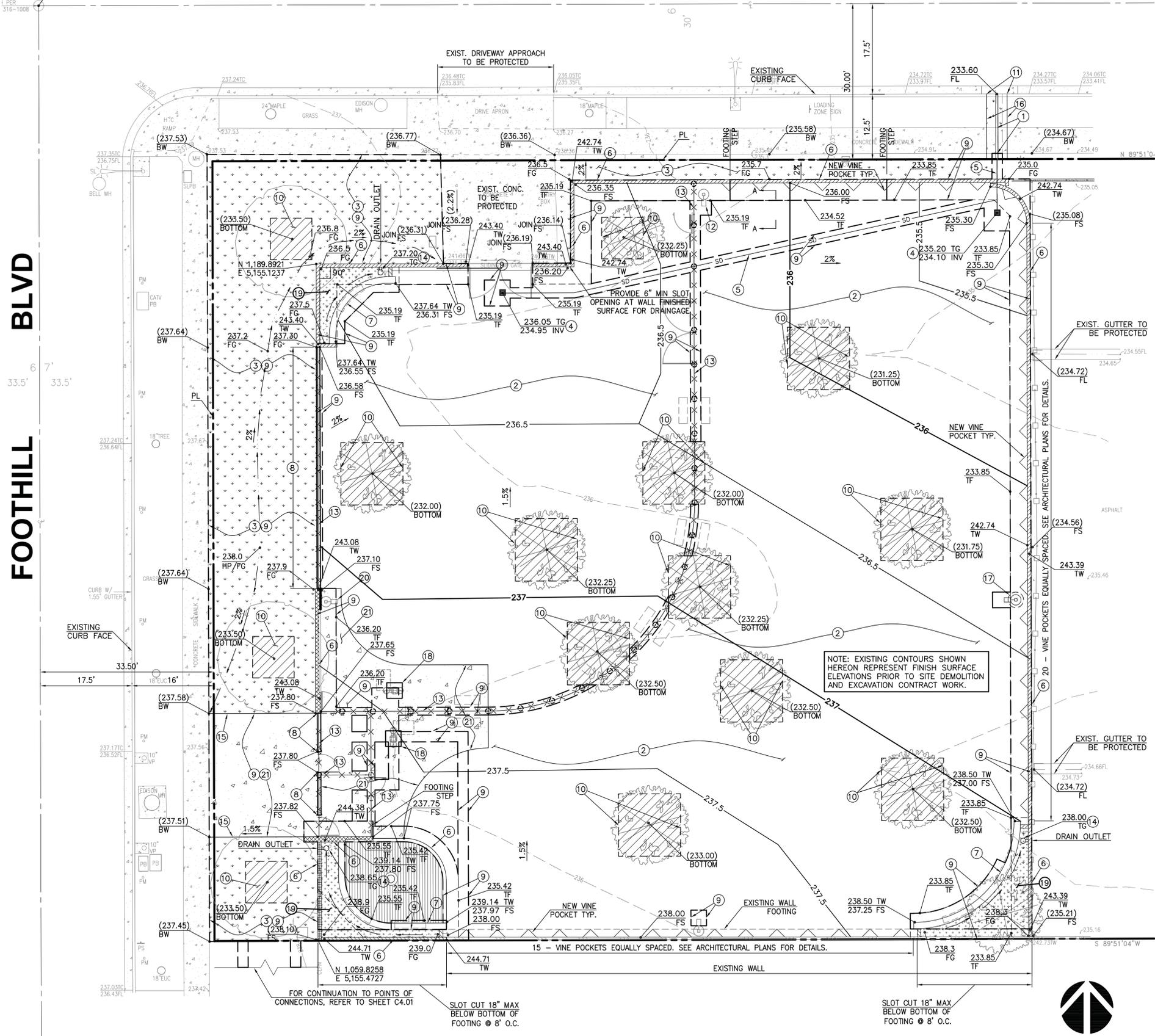
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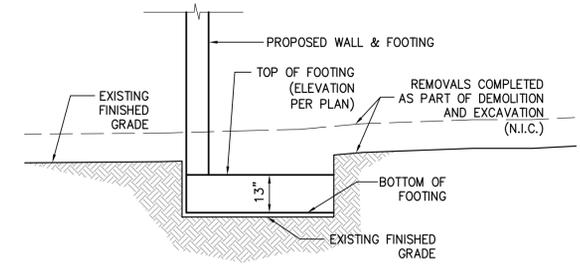
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FOOTHILL



TYPICAL SECTION A-A

SCALE: NO SCALE 1



FOOTING EXCAVATION DETAIL

SCALE: NO SCALE 2

CONSTRUCTION NOTES:

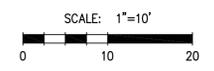
- 1) REPLACE CONCRETE SIDEWALK PER CITY OF BEVERLY HILLS STD. DWG. BH 105 & DETAIL 3 ON SHEET C2.01.
- 2) CONSTRUCT DECOMPOSED GRANITE PER DETAIL 4 ON SHEET C2.01.
- 3) LANDSCAPING PER LANDSCAPE ARCHITECT'S PLANS.
- 4) INSTALL STORM DRAIN CATCH BASIN PER SHEET C4.01.
- 5) INSTALL STORM DRAIN PIPE PER SHEET C4.01.
- 6) CONSTRUCT WALL PER SHEET A-2.0.
- 7) INSTALL PIP CONCRETE PLANTER WALL & SEAT WALL PER SHEET A-3.0.
- 8) CONSTRUCT CONCRETE CURB AT FENCE PER DETAIL 6 ON SHEET C2.01.
- 9) EXISTING OVEREXCAVATION AREA. REFER TO EXCAVATION PLAN, SHEET C3.02, FOR EXISTING DEPTHS OF EXCAVATION.
- 10) EXISTING TREE PIT. BOTTOM OF EXISTING ELEVATION PER PLAN.
- 11) CONSTRUCT CURB DRAIN WITH (2) 4" PIPES PER CITY OF BEVERLY HILLS STD. DWG. BH 109. PATCH EXISTING PARKWAY.
- 12) PROTECT EXISTING LIGHT POLE FOOTING. REFER TO DETAIL 11 ON SHEET C2.01 FOR FOOTING LAYOUT.
- 13) INSTALL FENCE PER SHEET A-2.0.
- 14) ATRIUM GRATE AND PIPE PER DETAIL 4 ON SHEET C2.02.
- 15) CONSTRUCT HEADER PER DETAILS ON LANDSCAPE ARCHITECT'S PLANS.
- 16) REPAIR AND REPLANT EXISTING PARKWAY.
- 17) INSTALL LIGHT POST FOOTING PER DETAIL 7 ON SHEET A-5.1.
- 18) CONSTRUCT CONCRETE PAD PER DETAIL 10/10A ON SHEET A-5.1.
- 19) CORNER PLANTER/ BENCH ARE ALTERNATE COST ITEMS. REFER TO ARCHITECTURAL DRAWINGS FOR DESCRIPTION.
- 20) PROTECT EXISTING LIGHT POLE FOOTING. REFER TO DETAIL 12 ON SHEET C2.01 FOR FOOTING LAYOUT.
- 21) CONSTRUCT CONCRETE PAVEMENT PER DETAIL 6 ON SHEET C2.02.

LEGEND:

	PROPOSED SPOT ELEVATION		PROP. CONTOUR (0.5' INTERVAL)
	EXISTING SPOT ELEVATION		EXIST. CONTOUR (1' INTERVAL)
	PROPERTY LINE		PROPOSED STORM DRAIN LINE
	PROPOSED FENCE		EXISTING TREE PIT AREA
	TOP OF PROPOSED WALL FOOTING		NEW PLANTER AREA
	PROPOSED FOOTING		NEW CONCRETE PAVEMENT
	PROPOSED WALL		
	EXISTING EXCAVATION AREA LINE		

NOTE TO CONTRACTOR

1) FOR EXACT LOCATION OF NEW TREES REFER TO ARCHITECTURAL SITE PLAN SHEET A-2.0.



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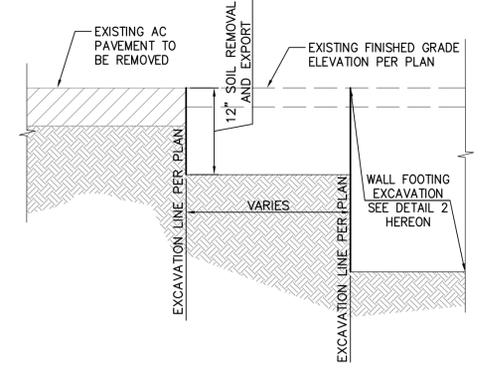
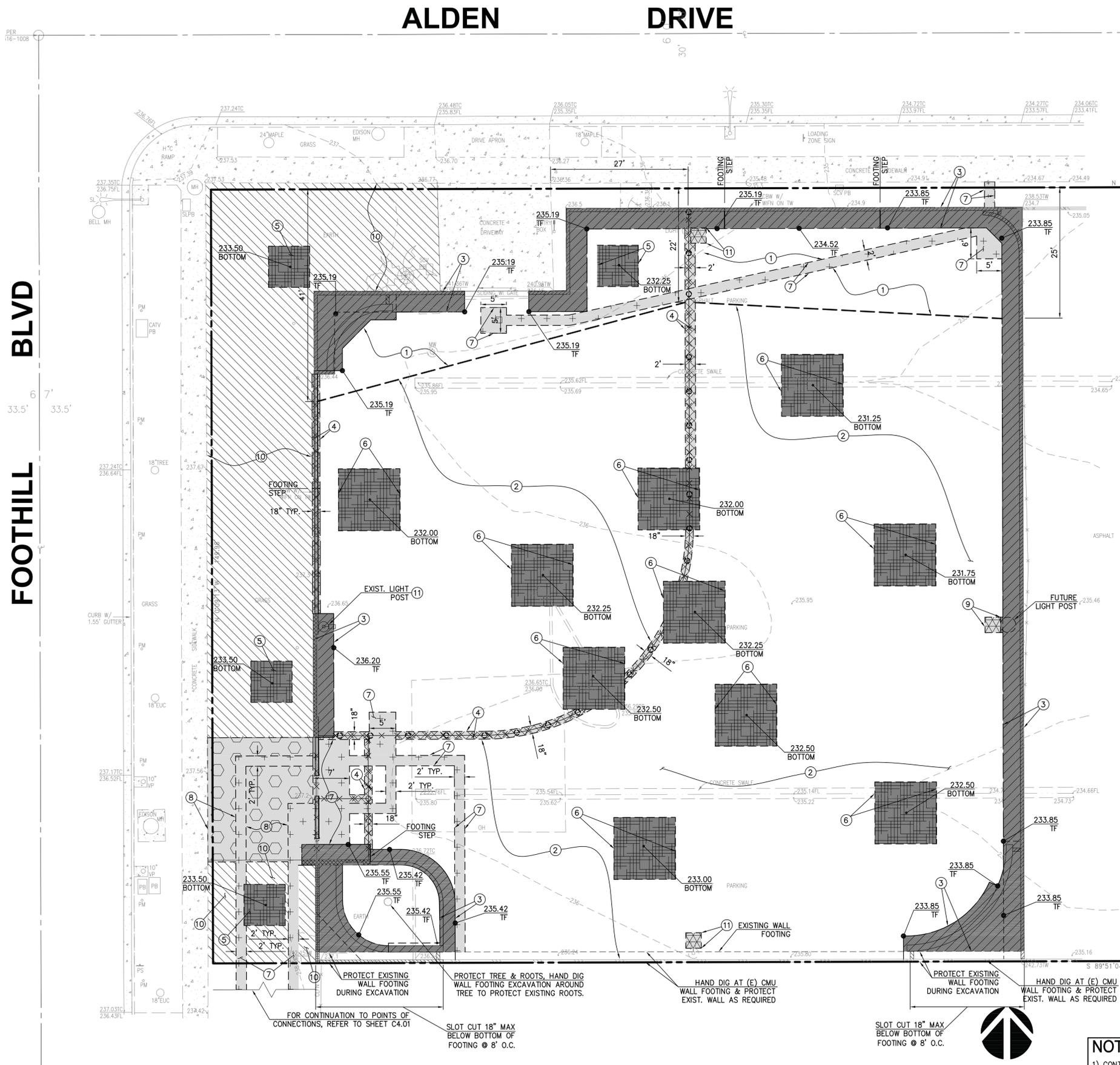
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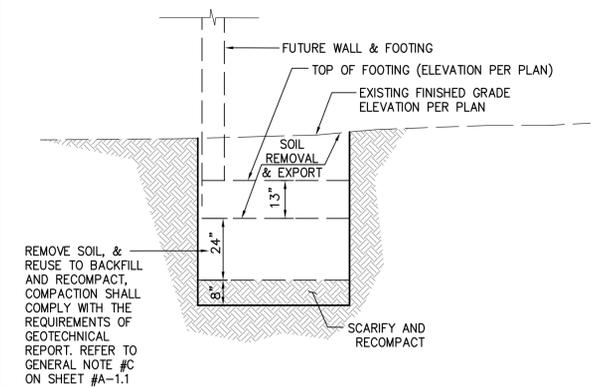
PRECISE GRADING PLAN
CITY OF BEVERLY HILLS DOG PARK
344 FOOTHILL ROAD
BEVERLY HILLS, CA 90210

BRANDOW & JOHNSTON, INC.
STRUCTURAL & CIVIL ENGINEERS
700 SO. FLOWER ST. STE. 1800, LOS ANGELES, CA 90017
TEL: (213) 596-4500 FAX: (213) 596-4599

C3.01



SOIL REMOVAL DETAIL SCALE: NO SCALE 1



FOOTING EXCAVATION DETAIL SCALE: NO SCALE 2

CONSTRUCTION NOTES:

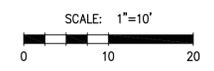
- ① REMOVE 12" DEPTH SOIL PER DETAIL 1 HEREON.
- ② REMOVE EXISTING ASPHALT, TOP 9" OF SOIL AND EXPORT.
- ③ WALL FOOTING EXCAVATION PER DETAIL 2 HEREON.
- ④ FENCE POST FOOTING EXCAVATION. EXCAVATE 24" MIN. BELOW EXIST. SUBGRADE.
- ⑤ TREE 8'X8' EXCAVATION. BOTTOM OF EXCAVATION ELEVATION PER PLAN.
- ⑥ TREE 12'X12' EXCAVATION. BOTTOM OF EXCAVATION ELEVATION PER PLAN.
- ⑦ UTILITY EXCAVATION. EXCAVATE 24" MIN. BELOW EXIST. GRADE.
- ⑧ HARDSCAPE EXCAVATION. EXCAVATE 12" MIN. BELOW EXIST. GRADE.
- ⑨ LIGHT POST EXCAVATION. EXCAVATE 36" MIN. BELOW EXIST. GRADE.
- ⑩ REMOVE 9" DEPTH SOIL ON SIDYARD.
- ⑪ HAND DIG AT EXIST. LIGHT STANDARD FOOTING AND PROTECT EXIST. FOOTING.

LEGEND:

- EXISTING SPOT ELEVATION
- EXIST. CONTOUR (1' INTERVAL)
- PROPOSED ELEVATION
- PROPERTY LINE
- WALL FOOTING OVEREXCAVATION AREA
- FENCE POST FOOTING OVEREXCAVATION AREA
- TREE OVEREXCAVATION AREA
- UTILITY OVEREXCAVATION AREA
- HARDSCAPE OVEREXCAVATION AREA
- LIGHT POST OVEREXCAVATION AREA
- SIDYARD SOIL REMOVAL AREA
- TOP OF FUTURE WALL FOOTING
- FUTURE FOOTING
- FUTURE WALL

NOTE TO CONTRACTOR

- 1) CONTRACTOR TO PROVIDE A FINAL "AS-BUILT" TOPOGRAPHIC SURVEY SHOWING LOCATIONS OF TRENCHES, FINISH SURFACE ELEVATIONS & BOTTOM OF TRENCHES THROUGHOUT SITE.
- 2) FOR DIMENSIONS REFER TO ARCHITECTURAL DRAWINGS



**NOT FOR CONSTRUCTION.
FOR REFERENCE ONLY.**

BRANDOW & JOHNSTON, INC.
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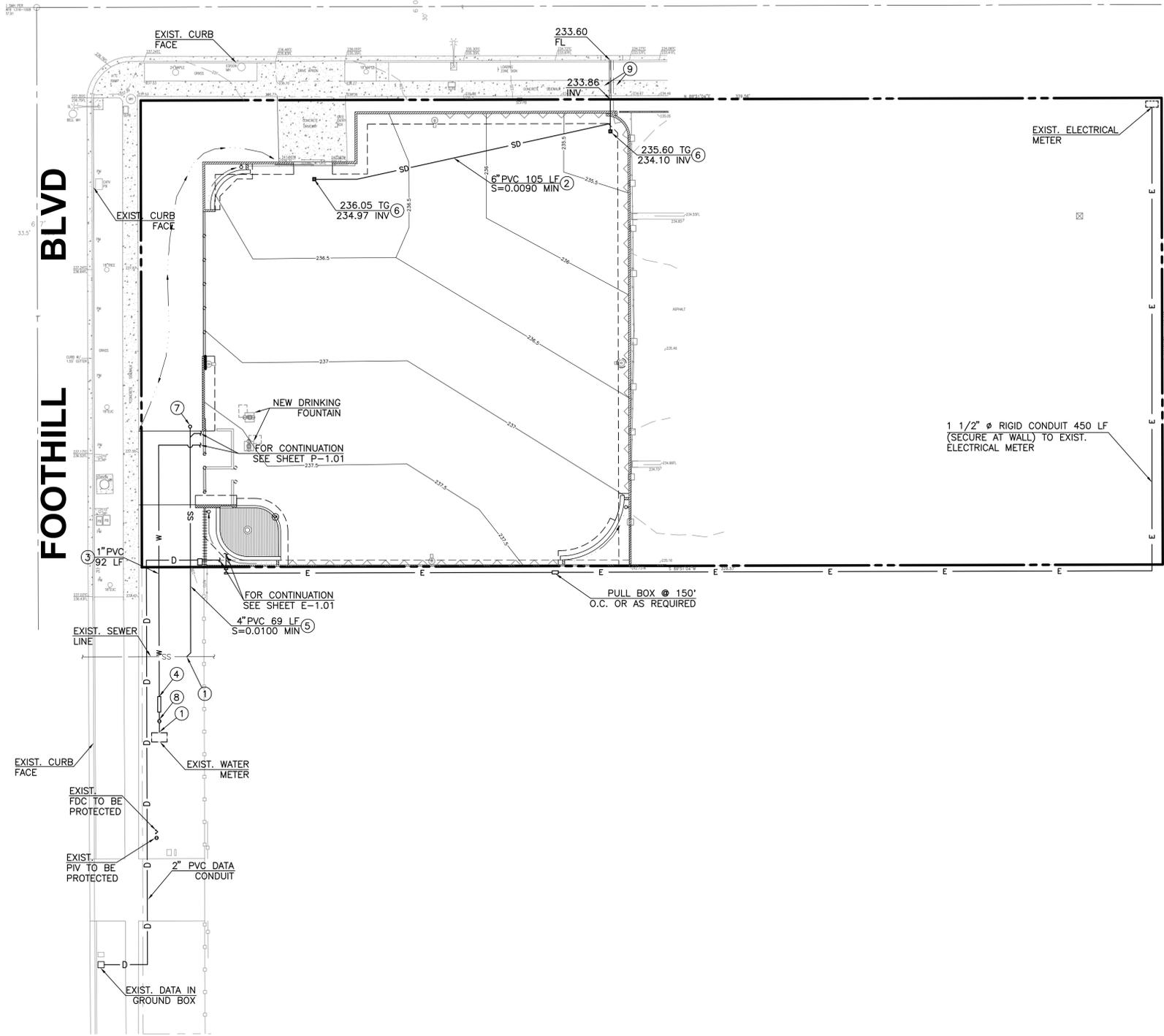
REGISTERED PROFESSIONAL ENGINEER
No. 095405
State of California
FOR BRANDOW & JOHNSTON, INC.

EXCAVATION PLAN
CITY OF BEVERLY HILLS DOG PARK
344 FOOTHILL ROAD
BEVERLY HILLS, CA 90210

C3.02

4/12/16

ALDEN DRIVE



CONSTRUCTION NOTES:

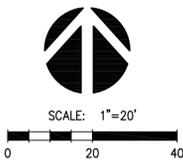
- ① POINT OF CONNECTION.
- ② INSTALL PVC SDR35 STORM DRAIN PIPE W/ PUSH-ON JOINTS. SIZE, LENGTH, & SLOPE PER PLAN.
- ③ INSTALL PVC SCH 40 DOMESTIC WATER LINE. SIZE & LENGTH PER PLAN.
- ④ INSTALL 1/2" BACKFLOW PREVENTER WATTS MODEL SS009M3QT OR APPROVED EQUAL.
- ⑤ INSTALL PVC SDR35 SANITARY SEWER PIPE WITH PUSH-ON JOINTS. SIZE, LENGTH, & SLOPE PER PLAN.
- ⑥ INSTALL 12"x12" CATCH BASIN BROOKS 1212CB OR APPROVED EQUAL PER DETAIL 5 ON SHEET C2.02. USE ADA COMPLIANT GRATE. INSTALL TRITON CATCH BASIN INSERT PER DETAIL 2 ON SHEET C2.02.
- ⑦ INSTALL CLEANOUT PER DETAIL 1 ON SHEET C2.02.
- ⑧ INSTALL GATE VALVE PER DETAIL 3 ON SHEET C2.02.
- ⑨ CONSTRUCT CURB DRAIN WITH (2) 4" ϕ PIPES PER CITY OF BEVERLY HILLS STD. DWG. BH 109.

LEGEND:

- PROPERTY LINE
- PROP. CONTOUR (0.5' INTERVAL)
- PROPOSED STORM DRAIN LINE
- PROPOSED SEWER LINE
- EXISTING SEWER LINE
- PROPOSED DOMESTIC WATER LINE
- PROPOSED DATA CONDUIT
- PROPOSED ELECTRICAL LINE
- PROPOSED FOOTING
- PROPOSED WALL

NOTE TO CONTRACTOR

- 1) VERIFY INVERT ELEVATION AT UTILITY POINT OF CONNECTIONS PRIOR TO INSTALLATION OF PIPE
- 2) CONTRACTOR TO LOCATE EXISTING SEWER & WATER @ P.O.C. AS 1ST ORDER OF WORK.



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SITE UTILITY PLAN
CITY OF BEVERLY HILLS DOG PARK
 344 FOOTHILL ROAD
 BEVERLY HILLS, CA 90210

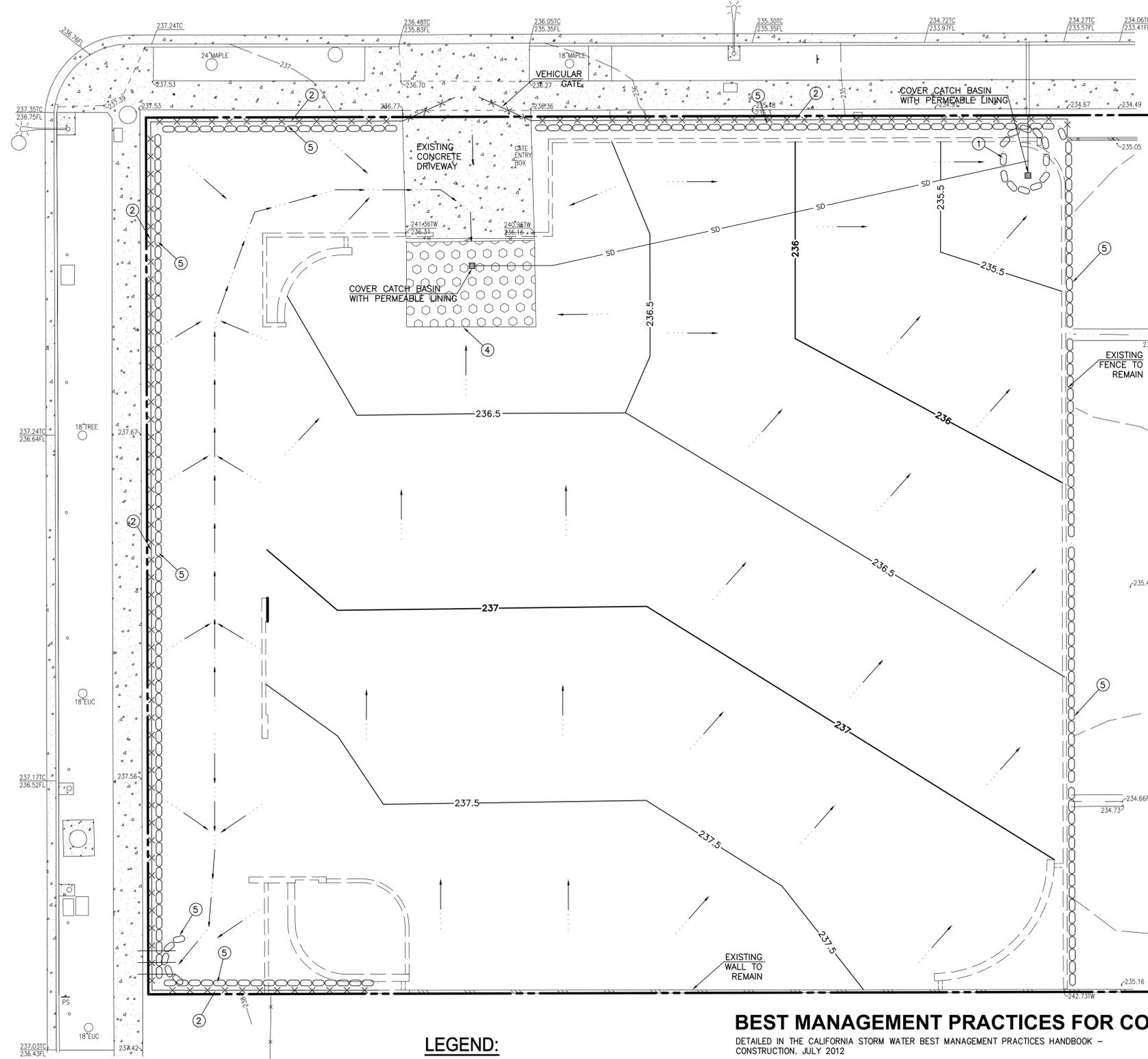
ALDEN DRIVE

EROSION AND SEDIMENT CONTROL (ESCP) GENERAL NOTES

- IN CASE OF EMERGENCY, CALL _____ AT _____.
- TOTAL DISTURBED AREA _____ WDD # _____
1. RISK LEVEL 1 2 3 (CIRCLE ONE AS DETERMINED BY STATE GENERAL PERMIT FOR SITES GRATER THAN 1 ACRE)
- A STAND-BY CREW FOR EMERGENCY WORK SHALL BE AVAILABLE AT ALL TIMES DURING CONSTRUCTION. NECESSARY MATERIALS SHALL BE AVAILABLE ON-SITE AND STOCKPILED AT CONVENIENT LOCATIONS TO FACILITATE RAPID CONSTRUCTION OF EMERGENCY DEVICES WHEN RAIN IS IMMINENT.
- EROSION CONTROL DEVICES SHOWN ON THIS PLAN MAY BE REMOVED WHEN APPROVED BY THE BUILDING OFFICIALS IF THE GRADING OPERATION HAS PROGRESSED TO THE POINT WHERE THE ARE NO LONGER REQUIRED.
- GRADED AREAS ADJACENT TO FILL SLOPES LOCATED AT THE SITE PERIMETER MUST DRAIN AWAY FROM THE TOP OF SLOPE AT THE CONCLUSION OF EACH WORKING DAY. ALL LOOSE SOILS AND DEBRIS THAT MA CREATE A POTENTIAL HAZARD TO OFF-SITE PROPERTY SHALL BE STABILIZED OR REMOVED FROM THE SITE ON A DAILY BASIS.
- ALL SILT AND DEBRIS SHALL BE REMOVED FROM ALL DEVICES WITHIN 24 HOURS AFTER EACH RAINSTORM AND BE DISPOSED OF PROPERTY.
- A GUARD SHALL BE POSTED ON THE SITE WHENEVER THE DEPTH OF WATER IN ANY DEVICE EXCEEDS TWO FEET. THE DEVICE SHALL BE DRAINED OR PUMPED DRY WITHIN 24 HOURS AFTER EACH RAINSTORM. PUMPING AND DRAINING OF ALL BASINS AND DRAINAGE DEVICES MUST COMPLY WITH THE APPROPRIATE BMP FOR DEWATERING OPERATIONS.
- THE PLACEMENT OF ADDITIONAL DEVICES TO REDUCE EROSION DAMAGE AND CONTAIN POLLUTANTS WITHIN THE SITE IS LEFT TO THE DISCRETION OF THE FIELD ENGINEER. ADDITIONAL DEVICES AS NEEDED SHALL BE INSTALLED TO RETAIN SEDIMENTS AND OTHER POLLUTANTS ON SITE.
- DESILTING BASINS MAY NOT BE REMOVED OR MADE INOPERABLE BETWEEN NOVEMBER 1 AND APRIL 15 OF THE FOLLOWING YEAR WITHOUT THE APPROVAL OF THE BUILDING OFFICIALS.
- STORM WATER POLLUTION AND EROSION CONTROL DEVICES ARE TO BE MODIFIED, AS NEEDED, AS THE PROJECT PROGRESSES, THE DESIGN AND PLACEMENT OF THESE DEVICES IS THE RESPONSIBILITY OF THE FIELD ENGINEER. PLANS REPRESENTING CHANGES MUST BE SUBMITTED FOR APPROVAL IF REQUESTED BY THE BUILDING OFFICIAL.
- EVERY EFFORT SHOULD BE MADE TO ELIMINATE THE DISCHARGE OF NON-STORM WATER FROM T HE PROJECT SITES AT ALL TIME.
- ERODED SEDIMENTS AND OTHER POLLUTANTS MUST BE RETAINED ON-SITE AND MAY NOT BE TRANSPORTED FROM THE SITE VIA SHEET FLOW, SWALES, AREA DRAINS, NATURAL DRAINAGE COURSES, OR WIND.
- STOCKPILES OF EARTH AND OTHER CONSTRUCTION RELATED MATERIALS MUST BE PROTECTED FROM BEING TRANSPORTED FROM THE SITE BY THE FORCES OF WIND OR WATER.
- FUELS, OILS, SOLVENTS, AND OTHER TOXIC MATERIALS MUST BE STORED IN ACCORDANCE WITH THEIR LISTING AND ARE NOT TO CONTAMINATE THE SOILS AND SURFACE WATER. ALL APPROVED STORAGE CONTAINERS ARE TO BE PROTECTED FROM THE WEATHER. SPILLS MUST BE CLEANED UP IMMEDIATELY AND DISPOSED OF IN A PROPER MANNER. SPILLS MAY NOT BE WASHED INTO THE DRAINAGE SYSTEM.
- EXCESS OF WASTE CONCRETE MA NOT ME WASHED INTO THE PUBLIC WAY OR ANY OTHER DRAINAGE SYSTEM. PROVISIONS SHALL BE MADE TO RETAIN CONCRETE WASTES ON-SITE UNTIL THEY CAN BE DISPOSED OF AS SOLID WASTE.
- DEVELOPERS/CONTRACTORS ARE RESPONSIBLE TO INSPECT ALL EROSION CONTROL DEVICES AND BMPs ARE INSTALLED AND FUNCTIONING PROPERLY IF THERE IS A 50% O GREATER PROBABILITY OF PREDICTED PRECIPITATION, AND AFTER ACTUAL PRECIPITATION. A CONSTRUCTION SITE INSPECTION CHECKLIST AND INSPECTION LOG SHALL BE MAINTAINED AT THE PROJECT SITE AT ALL TIME AND AVAILABLE FOR REVIEW BY THE BUILDING OFFICIAL (COPIES OF THE SELF-INSPECTION CHECK LIST AND INSPECTION LOGS ARE AVAILABLE UPON REQUEST).
- TRASH AND CONSTRUCTION-RELATED SOLID WASTES MUST BE DEPOSITED INTO A COVERED RECEPTACLE TO PREVENT CONTAMINATION OF RAINWATER AND DISPERSAL B WIND.
- SEDIMENTS AND OTHER MATERIALS MAY NOT BE TRACKED FROM THE SITE BY VEHICLE TRAFFIC. THE CONSTRUCTION ENTRANCE ROADWAYS MUST BE STABILIZED SO AS TO INHIBIT SEDIMENTS FROM BEING DEPOSITED INTO THE PUBLIC WA. ACCIDENTAL DEPOSITIONS MUST BE SWEEPED UP IMMEDIATELY AND MAY NOT BE WASHED DOWN B RAIN OR OTHER MEANS.
- ANY SLOPES WITH DISTURBED SOILS OR DENUDED OF VEGETATION MUST BE STABILIZED SO AZ TO INHIBIT EROSION BY WIND AND WATER.
- AS THE ENGINEER/QSD OF RECORD, I HAVE SELECTED APPROPRIATE BMPs TO EFFECTIVELY MINIMIZE THE NEGATIVE IMPACTS OF THIS PROJECT'S CONSTRUCTION ACTIVITIES ON STORM WATER QUALITY. THE PROJECT OWNER AND CONTRACTOR ARE AWARE THAT THE SELECTED BMPs MUST BE INSTALLED, MONITORED, AND MAINTAINED TO ENSURE THEIR EFFECTIVENESS.
- DEVELOPERS/CONTRACTORS ARE RESPONSIBLE TO INSPECT ALL EROSION CONTROL DEVICES AND BMPs ARE INSTALLED AND FUNCTIONING PROPERTY AS REQUIRED BY THE STATE CONSTRUCTION GENERAL PERMIT. A CONSTRUCTION SITE INSPECTION CHECKLIST AND INSPECTION LOG SHALL BE MAINTAINED AT THE PROJECT SITE AT ALL TIMES AND AVAILABLE FOR REVIEW BY THE BUILDING OFFICIALS.
- SEE LIST OF BMPs FROM "CASQA CONSTRUCTION BMP ONLINE HANDBOOK" HEREON WHICH MUST BE IMPLEMENTED FOR ALL CONSTRUCTION ACTIVITIES AS APPLICABLE. AS AN ALTERNATIVE, DETAILS FROM "CALTRANS STORMWATER QUALITY HANDBOOKS, CONSTRUCTION SITE BEST MANAGEMENT PRACTICES (BMP) MANUAL" MAY BE USED. ADDITIONAL MEASURES MAY BE REQUIRED IF DEEMED APPROPRIATE BY THE BUILDING OFFICIAL.

CIVIL ENGINEER SIGNATURE _____

DATE _____



LEGEND:

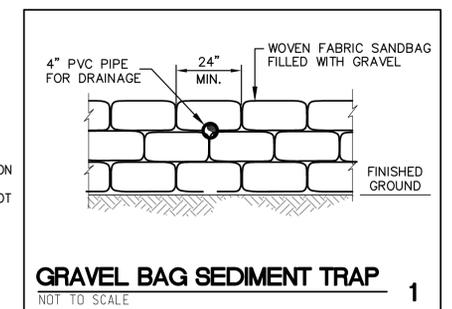
- PROPERTY LINE
- PROPOSED CONTOUR (0.5' INTERVAL)
- DRAINAGE FLOW
- STABILIZED ENTRANCE
- GRAVEL BAGS OR STRAW WADDLE
- SCREENED FENCE
- PROPOSED WALL

BEST MANAGEMENT PRACTICES FOR CONSTRUCTION ACTIVITIES

DETAILED IN THE CALIFORNIA STORM WATER BEST MANAGEMENT PRACTICES HANDBOOK - CONSTRUCTION, JULY 2012

- | | |
|---|---|
| EROSION CONTROL
EC-1 SCHEDULING
SEDIMENT CONTROL
SE-5 FIBER ROLLS
SE-6 GRAVEL BAG BERM
SE-7 STREET SWEEPING AND VACUUMING
SE-10 STORM DRAIN INLET PROTECTION
TRACKING CONTROL
TC-1 STABILIZED CONSTRUCTION ENTRANCE/EXIT
TC-3 ENTRANCE/OUTLET TIRE WASH
WIND EROSION CONTROL
WE-1 WIND EROSION CONTROL | NON-STORM WATER CONTROL
NS-1 WATER CONSERVATION PRACTICES
NS-3 PAVING AND GRINDING OPERATIONS
NS-6 ILLICIT CONNECTION/ILLEGAL DISCHARGE DETECTION AND REPORTING
NS-8 VEHICLE AND EQUIPMENT CLEANING
NS-9 VEHICLE AND EQUIPMENT FUELING
NS-10 VEHICLE AND EQUIPMENT MAINTENANCE
NS-11 PILE DRIVING OPERATION
WASTE MANAGEMENT AND MATERIALS POLLUTION CONTROL
WM-1 MATERIAL DELIVERY AND STORAGE
WM-2 MATERIAL USE
WM-3 STOCKPILE MANAGEMENT
WM-4 SPILL AND PREVENTION CONTROL
WM-5 SOLID WASTE MANAGEMENT
WM-8 CONCRETE WASTE MANAGEMENT
WM-9 SANITARY/SEPTIC WASTE MANAGEMENT |
|---|---|

- SECTION 2 OF THE CASQA BMP CONSTRUCTION HANDBOOK, JULY 2012, IS PART OF THESE EROSION CONTROL PLANS, INCLUDING BUT NOT LIMITED TO:
- MINIMUM REQUIREMENTS
 - GOOD HOUSEKEEPING PRACTICES
 - STAFF TRAINING
 - SITE INSPECTIONS
 - BMP MONITORING AND MAINTENANCE
 - STORMWATER POLLUTION CONTROL DOCUMENTATION

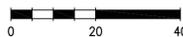


EROSION CONTROL KEY NOTES:

- SINGLE ROW GRAVEL BAGS - 2 BAGS HIGH (PER SE-8 OF CASQA BMP MANUAL)
- INSTALL TEMPORARY CONSTRUCTION FENCE WITH WIND SCREEN.
- SEDIMENT TRAP OUTLET PER DETAIL 1 HEREON.
- STABILIZED CONSTRUCTION ENTRANCE PER TC-1 OF CASQA BMP MANUAL.
- EXISTING EROSION CONTROL TO BE PROTECTED. CONTRACTOR TO REPLACE DAMAGED BAGS PRIOR TO CONSTRUCTION



SCALE: 1"=20'



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C5.01