CONSTRUCTION NOTES

- EXISTING DRY WELL; PROTECT IN PLACE; CLEAN AS NECESSARY TO ALLOW INFILTRATION. SEE TECHNICAI SPECIFICATIONS FOR ADDITIONAL INFORMATION.
- CUT AND CAP EXISTING IRRIGATION LINES. FURNISH AND INSTALL ADDITIONAL SPRINKLER HEADS OF SAME (2) TYPE AND MODEL IF NEEDED TO PROVIDE WATER COVERAGE TO FIELD. INSTALL PER MANUFACTURER'S

RELATIVE COMPACTION. FURNISH AND PLACE 6X6-W1.4 X W1.4 WELDED WIRE REINFORCEMENT. FURNISH AND PLACE SHOTCRETE, 4" THICK, ON EXISTING BERM. SEE TECHNICAL SPECIFICATION FOR ADDITIONAL INFORMATION. EXPANSION JOINTS EVERY 15' MAX ALONG SHOTCRETE. PLACE #4 REBAR, WELDED WIRE REINFORCEMENT, AND SHOTCRETE AS SHOWN IN DETAIL A, B, & C. GRADE SLOPE AS NECESSARY TO

SHOTCRETE - CLEAR AND GRUB. SCARIFY TO 4" DEPTH; COMPACT 12 INCHES OF NATIVE SOIL TO 90%

- FURNISH AND INSTALL MAXWELL IV DRYWELL SYSTEM(S) PER DETAIL, THE MAXWELL IV DRAINAGE SYSTEM DETAIL AND SPECIFICATIONS, SEE SHEET 2. THIS STRUCTURE IS TO BE BID AS A MAXWELL IV SYSTEM. CONTRACTOR IS DIRECTED TO INSTALL TWO DRYWELL SYSTEMS AT DRYWELL #1 STA: 11+09.64 AND AT DRYWELL #2 STA: 11+77.24 AS SHOWN ON THE CONSTRUCTION PLAN. MODIFY GRADES TO MEET VERTICAL PROFILE FOR BIO-SWALE AS SHOWN IN SHEET 2. SEE TECHNICAL SPECIFICATIONS FOR ADDITIONAL
- CONSTRUCT BIO SWELL. REFER TO TYPICAL SECTION. HYDROSEED OR PLANT GRASS TO MATCH EXISTING FIELD WITHIN DISTURBED AREAS.
- REMOVE EXISTING BACKSTOP AND RELOCATE TO NEW LOCATION. PLEASE SEE CONSTRUCTION PLAN.

DAYLIGHT AT TOP OF SLOPE. DO NOT EXCEED 2:1 UNLESS NOTED OTHERWISE.

- REMOVE AND RELOCATE TREES IF NECESSARY.
- CONTRACTOR TO RESTORE ADJACENT AREAS TO ORIGINAL CONDITION. MUST COORDINATE WITH MAINTENANCE AND OPERATION STAFF.
- CONTRACTOR TO HYDROSEED BIO SWELL AREA AND ADJACENT 20' OF SITE, INCLUDING DAMAGED AREAS DURING THE COARSE OF THE WORK, SEE TECHNICAL SPECIFICATIONS FOR ADDITIONAL INFORMATION.
- RELOCATE EXISTING IRRIGATION LINES TO NEW LOCATION. FURNISH AND INSTALL IRRIGATION LINES TO PROVIDE WATER COVERAGE TO FIELD.

PRIVATE ENGINEER'S NOTE TO CONTRACTOR

INFORMATION.

UNAUTHORIZED CHANGES & USES:
THE ENGINEER PREPARING THESE PLANS WILL NOT BE RESPONSIBLE FOR, OR LIABLE FOR, UNAUTHORIZED CHANGES TO OR USES OF THESE PLANS. ALL CHANGES TO THE PLANS MUST BE IN WRITING AND MUST BE APPROVED BY THE PREPARER OF THESE PLANS.

THE EXISTENCE AND LOCATION OF HAZARDOUS MATERIALS HAS NOT BEEN REVIEWED BY THE ENGINEER OR SHOWN ON THESE PLANS. THE CONTRACTOR IS REQUIRED TO TAKE DUE PRECAUTIONARY MEASURES, INCLUDING AN INVESTIGATION IF NEEDED, TO PROTECT ANY EXISTING HAZARDOUS MATERIALS IN PLACE OR TO PROVIDE SUITABLE DISPOSAL. IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO NOTIFY THE OWNER(S) OF KNOWN HAZARDOUS MATERIALS BEFORE STARTING CONSTRUCTION. IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO PROTECT THE SITE AND PERSONNEL FROM CONTAMINATION OF KNOWN HAZARDOUS MATERIALS DURING CONSTRUCTION.

HOLD HARMLESS AND IDENTIFICATION CLAUSE:

CONSTRUCTION CONTRACTOR AGREES THAT IN ACCORDANCE WITH GENERALLY ACCEPTED CONSTRUCTION PRACTICES, CONSTRUCTION CONTRACTOR WILL ASSUME SOLE AND COMPLETE RESPONSIBILITY FOR JOB SITE CONDITIONS DURING THE COURSE OF CONSTRUCTION OF THE PROJECT, INCLUDING SAFETY OF ALL PERSONS AND PROPERTY, THAT THIS REQUIREMENT SHALL BE MADE TO APPLY CONTINUOUSLY AND NOT BE LIMITED TO NORMAL WORKING HOURS, AND CONSTRUCTION CONTRACTOR FURTHER AGREES TO DEFEND, INDEMNIFY, AND HOLD THE CITY OF SAN BERNARDINO, OWNER AND ENGINEER HARMLESS FROM ANY AND ALL LIABILITY, REAL OR ALLEGED, IN CONNECTION WITH THE PERFORMANCE OF WORK ON THIS PROJECT, EXCEPTING LIABILITY ARISING FROM THE SOLE NEGLIGENCE OF THE OWNER OR ENGINEER.

EXISTING UNDERGROUND STRUCTURES:

THE EXISTENCE AND LOCATION OF THE UNDERGROUND UTILITY PIPES CONDUITS, OR STRUCTURES SHOWN ON THESE PLANS ARE OBTAINED BY OBSERVATION ONLY. TO THE BEST OF THE ENGINEER'S KNOWLEDGE THESE ARE NO EXISTING UTILITIES EXCEPT AS SHOWN ON THESE PLANS. THE CONTRACTOR IS REQUIRED TO TAKE DUE PRECAUTIONARY MEASURES TO PROTECT THE UTILITY LINES SHOWN AND ANY OTHERS NOT OF RECORD OR NOT SHOWN ON THESE DRAWINGS. IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO NOTIFY THE OWNER(S) OF THE UTILITIES OR STRUCTURES CONCERNED BEFORE DISTURBING THE UNDERGROUND UTILITY PIPES, CONDUITS, STRUCTURES SHOWN OR NOT SHOWN, ON THE DRAWINGS.

GENERAL NOTES

- 1) UNLESS OTHERWISE SPECIFIED, PROTECT EXISTING IMPROVEMENTS IN PLACE. CONTRACTOR IS RESPONSIBLE FOR ANY DAMAGE DONE TO PROPERTY OF SAN BERNARDINO CITY UNIFIED SCHOOL DISTRICT, COUNTY OF SAN BERNARDINO OR ADJACENT LANDOWNERS.
- 2) THE CONTRACTOR SHALL CALL IN A LOCATION REQUEST TO UNDERGROUND SERVICE ALERT (USA), PHONE NUMBER 811, TWO WORKING DAYS BEFORE DIGGING. NO INSPECTION WILL BE PROVIDED BY THE CITY ENGINEER'S OFFICE, AND NO CONSTRUCTION PERMIT ISSUED INVOLVING EXCAVATION FOR UNDERGROUND FACILITIES WILL BE VALID UNLESS THE APPLICANT HAS BEEN PROVIDED AN INQUIRY IDENTIFICATION NUMBER BY USA.

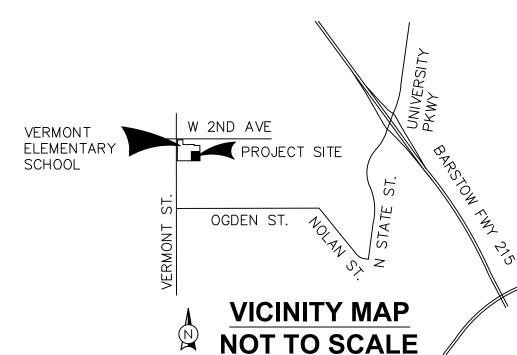
NOTES

A PERCOLATION STUDY WAS PREPARED FOR THIS PROJECT BY KOURY ENGINEERING & TESTING, INC., DATED JUNE 19, 2018 AND JUNE 20, 2018. THE RECOMMENDATIONS OUTLINED IN THIS REPORT AND RESPONSE SHALL BE USED DURING THE CONSTRUCTION OF THIS PROJECT.

KOURY ENGINEERING & TESTING INC. 14280 EUCLID AVE, CHINO, CA 91710

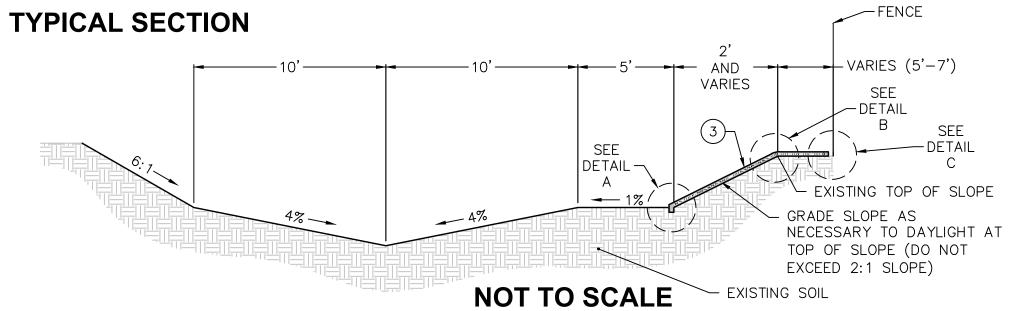
PHONE: 909-606-6111 EMAIL: BLANCAH@KOURYENGINEERING.COM WEBSITE: WWW.KOURYENGINEERING.COM

GRADING PLAN PREPARED FOR TIM DELAND ADDRESS: 956 WEST 9TH STREET SAN BERNARDINO, CA 92411 PROJECT NO. F18: XY APN: 0263-061-16



VERMONT ELEMENTARY SCHOOL IMPROVEMENT PLAN

3695 VERMONT STREET, SAN BERNARDINO, CA



CONSTRUCTION PLAN EXISTING IRRIGATION; ROTECT IN PLACE EP: 12+81.02-1460.02-RELOCATE RELOCATE EXISTING IRRIGATION LINE TO NEW LOCATION **EXISTING** IRRIGATION; DRYWELL #3 PROTECT IN STA: 11+77.24 PLACE ELEV: 1,457.52 (SEE SHEET 3) PT: 11+59.23-NEW LOCATION OF EXISTING -BACKSTOP FOR GRADING IN THIS AREA: SEE PRECISE -BP: 10+00.00 GRADING PLAN IRRIGATION:

DRYWELL #1

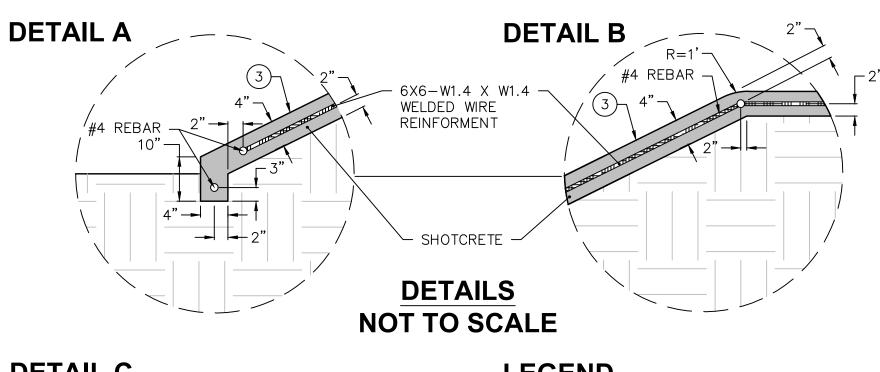
STA: 11+09.64

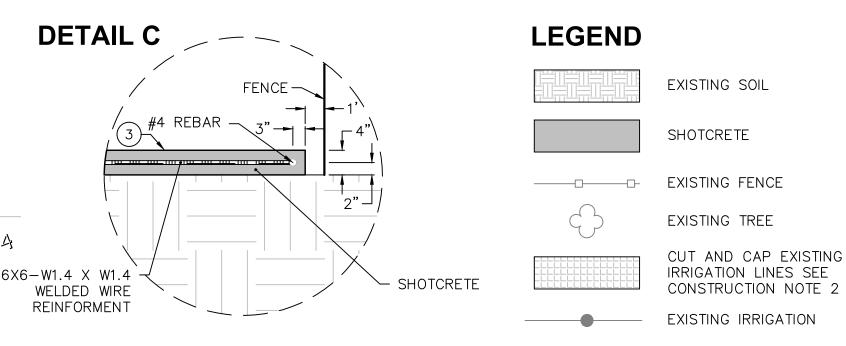
ELEV: 1,456.92

(SEE SHEET 3)

GRADING GENERAL NOTES

- 1. INDICATES EXISTING GROUND CONTOURS. — - (1335) - -
- 2. INDICATES PROPOSED GROUND CONTOURS. ——1335——
- 3. ALL GRADING IS TO BE DONE IN ACCORDANCE WITH THIS PLAN, CONTRACT DOCUMENTS AND THE AMERICAN PUBLIC WORKS ASSOCIATION (APWA) "GREEN BOOK" SPECIFICATIONS 2018.
- 4. ALL CONSTRUCTED SLOPES SHALL BE 6 HORIZONTAL TO 1 VERTICAL, MAXIMUM, UNLESS NOTED OTHERWISE.
- 5. THE CONTRACTOR SHALL PROVIDE ADEQUATE DUST CONTROL
- 6. ALL WASTE VEGETATION AND REFUSE SHALL BE REMOVED BEFORE GRADING.
- 7. SCARIFY GROUND TO A DEPTH OF 6" BEFORE GRADING. PLACE FILL IN 8" LIFTS. REMOVE ROCKS GREATER THAN 4". NO FILL TO BE PLACED UNTIL PREPARATION OF THE ORIGINAL GROUND IS APPROVED.
- 8. ALL COMPACTED FILL AREAS SHALL BE PLACED TO 90% OF MAXIMUM DENSITY PER AMERICAN SOCIETY OF TESTING AND MATERIALS (A.S.T.M.) D1557-78.
- 9. FENCE WORK AREA IF WORK IS COMPLETED DURING SCHOOL YEAR.
- 10. A MINIMUM OF 3 COMPACTION TESTS ON EXISTING BERM IS REQUIRED. THE CONTRACTOR SHALL SUBMIT A COMPACTION TEST REPORT AND OBTAIN APPROVAL PRIOR TO INSTALLING SHOTCRETE.
- 11. ENGINEER MUST SET GRADE STAKES FOR ALL DRAINAGE DEVICES. THE CONTRACTOR SHALL OBTAIN ALL NECESSARY INSPECTIONS BEFORE POURING.
- 12. NO FILL TO BE PLACED UNTIL PREPARATION OF THE ORIGINAL GROUND IS APPROVED.
- 13. ANY SLOPES WITH DISTURBED SOILS OR DENUDED OF VEGETATION MUST BE STABILIZED SO AS TO INHIBIT EROSION BY WIND AND WATER.
- 14. SEDIMENTS AND OTHER MATERIALS MAY NOT BE TRACED FROM THE SITE BY VEHICLE TRAFFIC. THE CONSTRUCTION ENTRANCE ROADWAYS MUST BE STABILIZED SO AS TO INHIBIT SEDIMENT FROM BEING DEPOSITED INTO THE PUBLIC WAY. ACCIDENTAL DEPOSITIONS MUST BE SWEPT UP IMMEDIATELY AND MAY NOT BE WASHED DOWN BY RAIN OR OTHER MEANS.
- 15. CONSTRUCTION SITES SHALL BE MAINTAINED BY IMPLEMENTATION OF BEST MANAGEMENT PRACTICES (BMP's) IN SUCH A MANNER THAT POLLUTANTS ARE NOT DISCHARGED FROM THE SITE TO THE MAXIMUM EXTENT PRACTICAL.
- 16. ERODED SEDIMENTS AND OTHER POLLUTANTS MUST BE RETAINED ON SITE AND MAY NOT BE TRANSPORTED FROM THE SITE VIA SHEETFLOW, SWALES, AREA DRAINS, NATURAL DRAINAGE OR WIND.
- 17. STOCKPILES OF EARTH AND OTHER CONSTRUCTION RELATED MATERIALS MUST BE PROTECTED FROM BEING TRANSPORTED FROM THE SITE BY THE FORCES OF WIND AND WATER.
- 18. FUELS, OILS, SOLVENTS AND OTHER TOXIC MATERIALS MUST BE STORED IN ACCORDANCE WITH THEIR LISTING AND ARE NOT TO CONTAMINATE THE SOIL AND SURFACE WATERS. ALL APPROVED STORAGE CONTAINERS ARE TO BE PROTECTED FROM THE WEATHER. SPILLS MUST BE CLEANED UP IMMEDIATELY AND DISPOSED IN A PROPER MANNER. SPILLS MAY NOT BE WASHED INTO THE DRAINAGE SYSTEM.
- 19. EXCESS OR WASTE CONCRETE MAY NOT BE WASHED INTO THE PUBLIC RIGHT-OF-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.
- 20. ALL NON-STORMWATER DISCHARGES, UNLESS EXCEPTED OR AUTHORIZED BY AN NPDES PERMIT REQUIRE PRIOR APPROVAL BY THE STATE WATER RESOURCES CONTROL BOARD.
- 21. TRASH AND CONSTRUCTION RELATED SOLID WASTES MUST BE DEPOSITED INTO A COVERED RECEPTACLE TO PREVENT CONTAMINATION OF RAINWATER AND DISPERSAL BY WIND.





Underground Service Alert

Call: TOLL FREE 300-227-2600 | 1715 351 0

BENCHMARK

BRASS DISK STAMPED HI-30: 130 FT. NW'LY OF THE CENTERLINE OF SECOND AVE SET ON THE TOP OF CURB. 6 FT. WEST OF THE E'LY END OF THE S'LY CURB OF CAJON BLVD, NAV 88:



PROTECT IN

RELOCATE

06 RELOCATE EXISTING

IRRIGATION LINE TO $^{-1}$

NEW LOCATION

PLACE



REVISIONS

(SHEET 2)

EXISTING DRYWELL

VERMONT ELEMENTARY SCHOOL IMPROVEMENT PLAN

COVER SHEET

12-06-2018

—— PROPOSED IRRIGATION

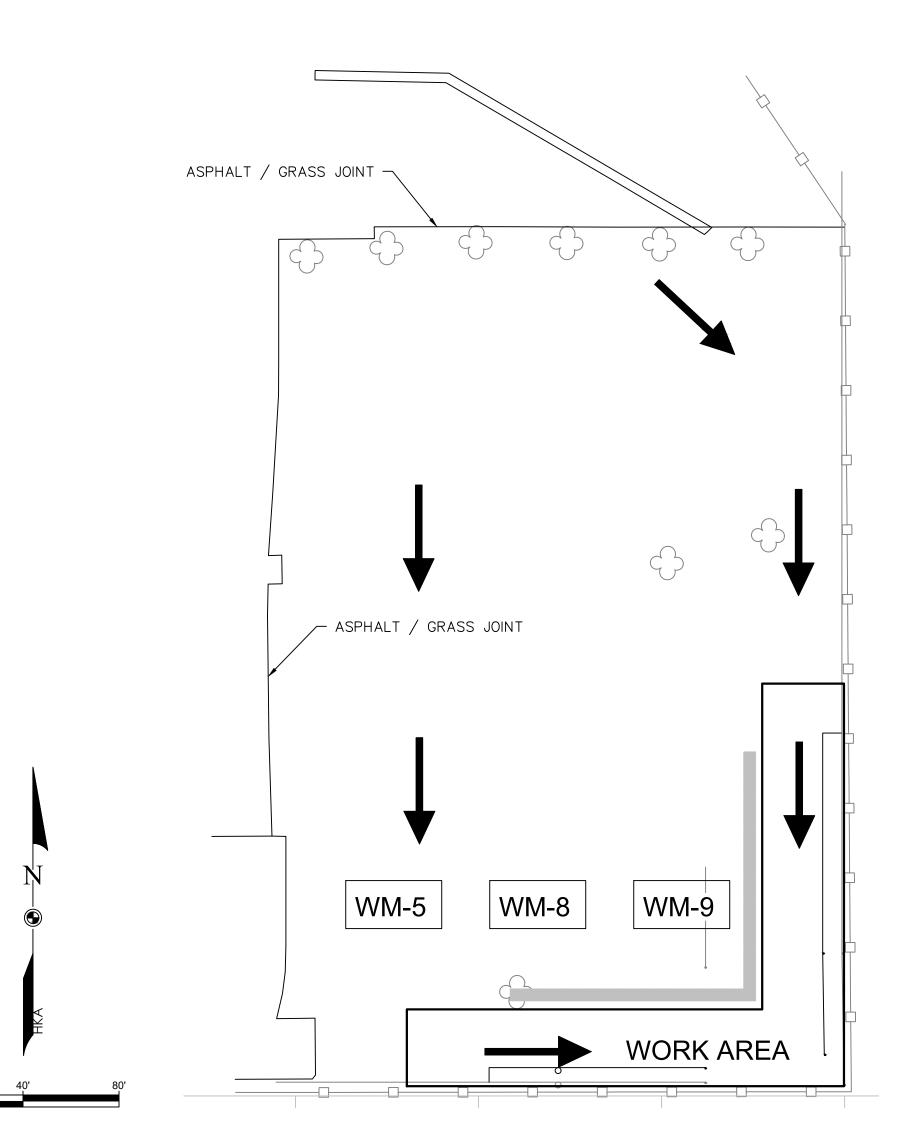
SHEET 1 OF 3

TWO WORKING DAYS BEFORE YOU DIG

VERMONT ELEMENTARY SCHOOL The MaxWell[®] IV Drainage System Detail And Specifications ○ ITEM NUMBERS MANHOLE CONE - MODIFIED FLAT BOTTOM. IMPROVEMENT PLAN 2. BOLTED RING & GRATE - DIAMETER AS SHOWN. CLEAN CAST IRON WITH WORDING "STORM WATER ONLY" IN RAISED LETTERS. BOLTED IN 2 LOCATIONS AND SECURED TO CONE WITH MORTAR. RIM 3695 VERMONT STREET, SAN BERNARDINO, CA ELEVATION ±0.02' OF PLANS. **GRADED BASIN OR PAVING (BY OTHERS).** 4. NON-WOVEN GEOTEXTILE SLEEVE, MIRAFITM/ 140 NL. **LEGEND** PRECISE GRADING PLAN HELD APPROX. 10 FEET OFF THE BOTTOM OF EXCAVATION. EXISTING SOIL 5. **PUREFLO® DEBRIS SHIELD** - ROLLED 16 GA. STEEL X 24" LENGTH WITH VENTED ANTI-SIPHON AND INTERNAL .265" MAX. SWO FLATTENED EXPANDED SHOTCRETE STEEL SCREEN X 12" LENGTH. FUSION BONDED **EPOXY COATED.** EXISTING FENCE 6. PRE-CAST LINER - 4000 PSI CONCRETE 48" ID. X 54" OD. CENTER IN HOLE AND ALIGN SECTIONS TO MAXIMIZE BEARING SURFACE. EXISTING TREE 7. MIN. 6' Ø DRILLED SHAFT. CUT AND CAP EXISTING ELEV: 1,457.52 -IRRIGATION LINES SEE 8. SUPPORT BRACKET - FORMED 12 GA. STEEL. FUSION CONSTRUCTION NOTE 2 (SEE SHEET 3) **BONDED EPOXY COATED.** EXISTING IRRIGATION 9. OVERFLOW PIPE - SCH. 40 PVC MATED TO DRAINAGE PIPE AT BASE SEAL. ---- PROPOSED IRRIGATION 10. DRAINAGE PIPE - ADS HIGHWAY GRADE WITH TRI-A COUPLER. SUSPEND PIPE DURING BACKFILL OPERATIONS TO PREVENT BUCKLING OR BREAKAGE. DIAMETER AS NOTED. 11. BASE SEAL - GEOTEXTILE OR CONCRETE SLURRY. 12. ROCK - WASHED, SIZED BETWEEN 3/8" AND 1-1/2" TO BEST COMPLEMENT SOIL CONDITIONS. 13. FLOFAST® DRAINAGE SCREEN - SCH. 40 PVC 0.120" 1457.99 SLOTTED WELL SCREEN WITH 32 SLOTS PER ROW/FT. 120" OVERALL LENGTH WITH TRI-B COUPLER. MaxWell®IV 14. MIN. 6' Ø SHAFT - DRILLED TO MAINTAIN **PERMEABILITY** OF DRAINAGE SOILS. $\times 1457.66 \times 1457.52 \times 1457.44 \times 1457.67 \times 1457.90$ **TORRENT RESOURCES** An evolution of McGuckin Drilling 15. FABRIC SEAL - U.V. RESISTANT GEOTEXTILE - TO BE **REMOVED BY CUSTOMER** AT PROJECT COMPLETION. CALIFORNIA 661-947-9836 ARIZONA 602-268-0785 16. ABSORBENT - HYDROPHOBIC PETROCHEMICAL NEVADA 702-366-1234 SPONGE. MIN. 128 OZ. CAPACITY. TYPICAL, TWO PER ×1457.44 ×1457.39 ×1457.33 ×1457.36 ×1457.58 ×1457.80 ×1458.03 CHAMBER. 17. FREEBOARD DEPTH VARIES WITH INLET PIPE ELEVATION. INCREASE SETTLING CHAMBER DEPTH AS NEEDED TO MAINTAIN ALL INLET PIPE ELEVATIONS - ELEV: 1,456.92 ABOVE OVERFLOW PIPE INLET. (SEE SHEET 3) *\frac{1457.31}{\text{1457.26}} \times 1457.16 \times 1457.16 \times 1457.28 \times 1457.47 \times 1457.62 \times 1457.83 18. STABILIZED BACKFILL - TWO-SACK SLURRY MIX. **MAXWELL IV DETAIL** 19. EIGHT (8) PERFORATIONS PER FOOT, 2 ROWS -S89° 31' 33.96"E; CONTINUATION OF ALIGNMENT **NOT TO SCALE** AZ Lic. ROC070465 A, ROC047067 B-4, ADWR 363 CA Lic. 528080, C-42, HAZ. NV Lic. 0035350 A - NM Lic. 90504 GF04 €1457.11 ×1457.12 ×1457.11 ×1457.18 ×1457.18 ×1457.30 ×1457.45 ×1457.64 U.S. Patent No. 4,923,330 - $^{\rm TM}$ Trademark 1974, 1990, 2004 **VERTICAL PROFILE** ×1457.31 ×1457.22 ×1457.15 ×1457.20 ×1457.08 ×1457.20 ×1457.33 Station 13+00 9+,75 10+00 11+00 12+00 6` ×1457.13 ×1457.23 ×1457.26 ×1457.33 ×1456.88 ×1456\\4 STA: 12+81.02 MEET EXISTING GROUND STA: 11+10.89 STA: 11+62.93 _STA: 11+19.48 STA: 10+00.00 ELEV: 1456.92 ELEV: 1457.61 _ ELEV: 1457.12 | rELEV: 1458.08 │ DRYWELL-MEET EXISTING GROUND STA: 11+08.39_ ELEV: 1456.92 12.37% -0.19% STA: 11+98.42 ELEV: 1458.33 STA: 11+75.97 ELEV: 1457.52 __ ELEV: 1457.52 | _STA: 11+40.28 ELEV: 1456.38 ELEV: 1457.08 1455| 9+75 11+00 10+00 12+00 13+00 HORIZONTAL SCALE: 1" = 20' VERTICAL SCALE: 1" = 2' PREPARED BY: REVISIONS BENCHMARK Underground Service Alert VERMONT ELEMENTARY SCHOOL IMPROVEMENT PLAN BRASS DISK STAMPED HI-30; 130 FT. NW'LY OF THE CENTERLINE OF SECOND AVE SET ON THE Hernandez, Kroone & Associates TOP OF CURB. 6 FT. WEST OF THE E'LY END OF Engineers & Land Surveyors 12-06-2018 THE S'LY CURB OF CAJON BLVD, NAV 88: 1,452.13 FT. HQ: 234 East Drake Drive, San Bernardino, CA 92408 MAXWELL IV DETAIL SHEET PHONE: 909-884-3222 info@hkagroup.com SHEET 2 OF 3 TWO WORKING DAYS BEFORE YOU DIG

VERMONT ELEMENTARY SCHOOL IMPROVEMENT PLAN

3695 VERMONT STREET, SAN BERNARDINO, CA



NOTES

A PERCOLATION STUDY WAS PREPARED FOR THIS PROJECT BY KOURY ENGINEERING & TESTING, INC., DATED JUNE 19, 2018 AND JUNE 20, 2018. THE RECOMMENDATIONS OUTLINED IN THIS REPORT AND RESPONSE SHALL BE USED DURING THE CONSTRUCTION OF THIS PROJECT.

KOURY ENGINEERING & TESTING INC. 14280 EUCLID AVE, CHINO, CA 91710 PHONE: 909-606-6111 EMAIL: BLANCAH@KOURYENGINEERING.COM

WEBSITE: WWW.KOURYENGINEERING.COM

GRADING PLAN PREPARED FOR TIM DELAND

ADDRESS: 956 WEST 9TH STREET, SAN BERNARDINO, CA 92411 PROJECT NO. F18: XY APN: 0263-061-16

EROSION CONTROL PLAN GENERAL NOTES

- 1. A STANDBY CREW FOR EMERGENCY WORK SHALL BE AVAILABLE AT ALL TIMES DURING THE RAINY SEASON. NECESSARY MATERIALS SHALL BE AVAILABLE ON SITE AND STOCKPILED AT CONVENIENT LOCATIONS TO FACILITATE RAPID CONSTRUCTION OF TEMPORARY EROSION CONTROL DEVICES OR TO REPAIR ANY DAMAGED EROSION CONTROL MEASURES, ESPECIALLY WHEN RAIN EVENT IS IMMINENT.
- 2. DEVICE SHALL NOT BE MOVED OR MODIFIED WITHOUT THE APPROVAL OF THE SCHOOL INSPECTOR.
- 3. ALL PROTECTIVE DEVICES SHOWN SHALL BE IN PLACE AT THE END OF EACH WORK DAY AS WELL AS THROUGH WEEKENDS AND HOLIDAYS.
- 4. AFTER A RAIN STORM, ALL SILT AND DEBRIS SHALL BE REMOVED FROM CHECK BERMS, DESILTING BASINS AND OTHER EROSION CONTROL DEVICES.
- 5. ANY GRADED SLOPE SURFACE PROTECTION MEASURE DAMAGED DURING A RAIN STORM SHALL BE REPAIRED IMMEDIATELY BY CONTRACTOR.
- 6. FILL SLOPES AT CONSTRUCTION SITE PERIMETER MUST DRAIN AWAY FROM THE TOP OF THE SLOPES AT THE END OF EACH WORK DAY.
- 7. PROTECT ALL STORM DRAINAGE STRUCTURES FROM SEDIMENT CLOGGING BY PROVIDING INLET PROTECTION AT ALL
- 8. AVOID CONDUCTING CONSTRUCTION WORK DURING WET WEATHER.
- 9. STORE CONSTRUCTION RELATED MATERIALS AWAY FROM DRAINAGE COURSES TO PREVENT CONTACT WITH STORM
- 10. PLACE DRIP PANS OR ABSORBENT MATERIALS UNDER CONSTRUCTION EQUIPMENT WHEN NOT IN USE.
- 11. CLEAN UP LEAKS AND SPILLS IMMEDIATELY USING ABSORBENT MATERIALS AND DISPOSE OF PROPERLY.
- 12. COLLECT AND REMOVE ALL BROKEN ASPHALT FROM THE SITE. REMOVED ASPHALT MUST BE DISPOSED OF
- 13. KEEP WORK SITE CLEAN AND ORDERLY ON DAILY BASIS.
- 14. PROPERLY STORE PAINTS AND SOLVENTS.
- 15. PERMANENTLY MARK STORM DRAIN STRUCTURES IN A MANNER APPROVED BY THE SCHOOL CONSTRUCTION INSPECTOR TO MINIMIZE INADVERTENT DISPOSAL OF RESIDUAL PAINTS, SOLVENTS OR ANY OTHER POLLUTANTS.
- 16. ALLOW CONSTRUCTION RELATED MATERIAL DELIVERY AND STORAGE ONLY IN DESIGNATED AREAS AND AVOID TRANSPORT NEAR DRAINAGE PATHS AND WATERWAYS.
- 17. MINIMIZE THE USE OF HAZARDOUS MATERIAL ON SITE.
- 18. USE WATERTIGHT DUMPSTERS FOR TRASH AND CONSTRUCTION WASTE.
- 19. COLLECT SITE TRASH AS NEEDED, ESPECIALLY DURING RAINY OR WINDY CONDITIONS. ARRANGE FOR REGULAR WASTE COLLECTION BEFORE CONTAINERS OVERFLOW.
- 20. PAINT BRUSHES OR CONTAINERS ARE TO BE CLEANED OUT ONLY IN A DESIGNATED AREA, WHICH PROVIDES FOR THE FULL CONTAINMENT OF PAINT LADEN LIQUID AND RESIDUE FOR PROPER DISPOSAL.
- 21. PERFORM WASHOUT OF CONCRETE TRUCKS IN DESIGNATED AREAS ONLY. WASHOUT AREAS SHALL BE LOCATED AWAY FROM STORM DRAINS, OPEN DITCHES, STREETS OR ANY DRAINAGE COURSE.
- 22. TEMPORARY SANITATION FACILITIES SHALL BE MAINTAINED IN GOOD WORKING ORDER BY A LICENSED MAINTENANCE SERVICE PROVIDER.
- 23. CONTRACTOR SHALL BE RESPONSIBLE FOR UPDATING THIS PLAN THROUGHOUT CONSTRUCTION AND INDICATE ANY AND ALL REVISIONS / UPDATES ON THIS PLAN.

- 24. CONTRACTOR SHALL CONDUCT HIS OPERATIONS IN A MANNER THAT STORMWATER WILL BE CONTAINED WITHIN THE PROJECT AREA OR CHANNELED INTO STORM DRAIN SYSTEM PROVIDED THAT DRAINAGE IS FREE OF POLLUTANTS, SEDIMENTS AND DEBRIS.
- 25. SCHOOL APPROVAL OF PLANS DOES NOT RELIEVE THE DEVELOPER FROM CORRECTING ERRORS OR OMISSIONS DISCOVERED DURING CONSTRUCTION. CONFORMANCE WITH THE REQUIREMENTS OF THIS PLAN SHALL IN NO WAY RELIEVE THE DEVELOPER FROM HIS / HER RESPONSIBILITIES TO THE SITE AND ADJACENT PROPERTIES.
- 26. TEMPORARY EROSION CONTROL SHALL CONSIST OF. BUT NOT LIMITED TO, CONSTRUCTING SUCH FACILITIES AND TAKING SUCH MEASURES AS ARE NECESSARY TO PREVENT. CONTROL AND ABATE WATER. MUD AND EROSION DAMAGE TO PUBLIC AND PRIVATE PROPERTY AS A RESULT OF THE CONSTRUCTION ON THIS PROPERTY.
- 27. CLEARING AND GRUBBING SHOULD BE LIMITED TO AREAS THAT WILL RECEIVE IMMEDIATE GRADING. EROSION CONTROL MEASURE SHALL BE IMPLEMENTED TO PROTECT AREAS WHICH HAVE BEEN CLEARED AND GRUBBED. THESE MEASURES MAY INCLUDE BUT SHALL NOT BE LIMITED TO; GRADED DITCHES, SAND OR GRAVEL BAGS, BARRIERS AND SILT FENCING. CARE SHALL BE EXERCISED TO PRESERVE VEGETATION BEYOND LIMITS OF GRADING AND PREVENT SEDIMENT DISCHARGE WHILE CONSTRUCTION IS IN PROGRESS IN THE AREA.
- 28. SEDIMENT CONTROL SHALL BE USED AT THE TOE OF ANY ERODIBLE SLOPE.
- 29. CONTRACTOR SHALL IMMEDIATELY RESTORE ANY DAMAGED EROSION CONTROL MEASURE IN THE AREA DISTURBED BY CONSTRUCTION ACTIVITIES.
- 30. FACES OF FINISHED CUT AND FILL SLOPES SHALL BE PREPARED AND MAINTAINED TO CONTROL AGAINST EROSION. THESE PERMANENT EROSION CONTROL MEASURES MAY CONSIST OF ADEQUATE SEEDING, PLANTING AND JUTE MATTING. THE PROTECTION FOR THE SLOPES SHALL BE INSTALLED AS SOON AS PRACTICABLE AND PRIOR TO CALLING FOR FINAL APPROVAL.
- 31. CONTRACTOR SHALL BE RESPONSIBLE AND TAKE NECESSARY PRECAUTIONS TO PREVENT PUBLIC TRESPASS ONTO AREAS WHERE IMPOUNDED WATER CREATES A HAZARDOUS CONDITION.
- 32. CONTRACTOR / SUBCONTRACTOR SHALL BE FAMILIAR WITH AND TRAINED IN SEDIMENT AND EROSION CONTROL IN ACCORDANCE WITH THE CALIFORNIA STORMWATER QUALITY ASSOCIATION (CASQA) STORMWATER BEST MANAGEMENT PRACTICE HANDBOOK.

WATER POLLUTION NOTES

- 1. THE INFORMATION ON THESE DRAWINGS IS ACCURATE FOR WATER POLLUTION CONTROL PURPOSES ONLY.
- 2. THE INFORMATION ON THESE DRAWINGS IS INTENDED TO BE USED AS A GUIDELINE FOR THE CONTRACTOR AND SUBCONTRACTORS TO INSTALL WATER POLLUTION CONTROL DEVICES AT GENERAL LOCATIONS THROUGHOUT THE
- 3. FIELD CONDITIONS MAY NECESSITATE MODIFICATIONS TO THESE DRAWINGS.
- 4. PERMANENT EROSION CONTROLS WILL BE INSTALLED AS AREAS ARE DETERMINED TO BE SUBSTANTIALLY
- 5. LOCATIONS OF MATERIAL STORAGE, WASTE MANAGEMENT, STOCKPILES AND CONCRETE WASHOUT MAY CHANGE PER CONSTRUCTION REQUIREMENTS.
- 6. RUNOFF, DIRT OR TRASH FROM THE CONSTRUCTION SITE SHALL NOT LEAVE SITE. PROVIDE GRAVEL BAG BERMS OR OTHER BEST MANAGEMENT PRACTICES (BMPs) AT ALL LOW SPOTS TO PREVENT DISCHARGE. INSPECT DAILY AND BEFORE AND DURING RAIN TO ENSURE THAT DIRT, TRASH, OR RUNOFF FROM CONSTRUCTION SITE IS NOT LEAVING

LEGEND

EXISTING FENCE

DISTURBED SOIL

AREA .17 ACRES

TEMPORARY BMPs

SOLID WASTE MANAGEMENT CONCRETE WASTE MANAGEMENT SANITARY / SEPTIC WASTE MANAGEMENT

EXISTING TREE

CONSTRUCTION SCHEDULE

7 DAYS MOBILIZE GRADE SWALE 5 DAYS INSTALL DRYWELLS 3 DAYS EA FINISH SITE WORK 3 DAYS

> NOTE: SCHEDULE IS RELEVANT TO THE NOTICE TO PROCEED.

Underground Service Alert

TWO WORKING DAYS BEFORE YOU DIG

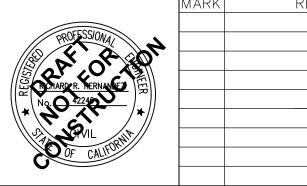
Call: TOLL FREE

BENCHMARK

BRASS DISK STAMPED HI-30; 130 FT. NW'LY OF THE CENTERLINE OF SECOND AVE SET ON THE TOP OF CURB. 6 FT. WEST OF THE E'LY END OF THE S'LY CURB OF CAJON BLVD, NAV 88: $300-227-2600 \mid 1,452.13 \text{ FT.}$

PREPARED BY:

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VERMONT ELEMENTARY SCHOOL IMPROVEMENT PLAN

EROSION CONTROL PLANS

12-06-2018

SHEET 3 OF 3