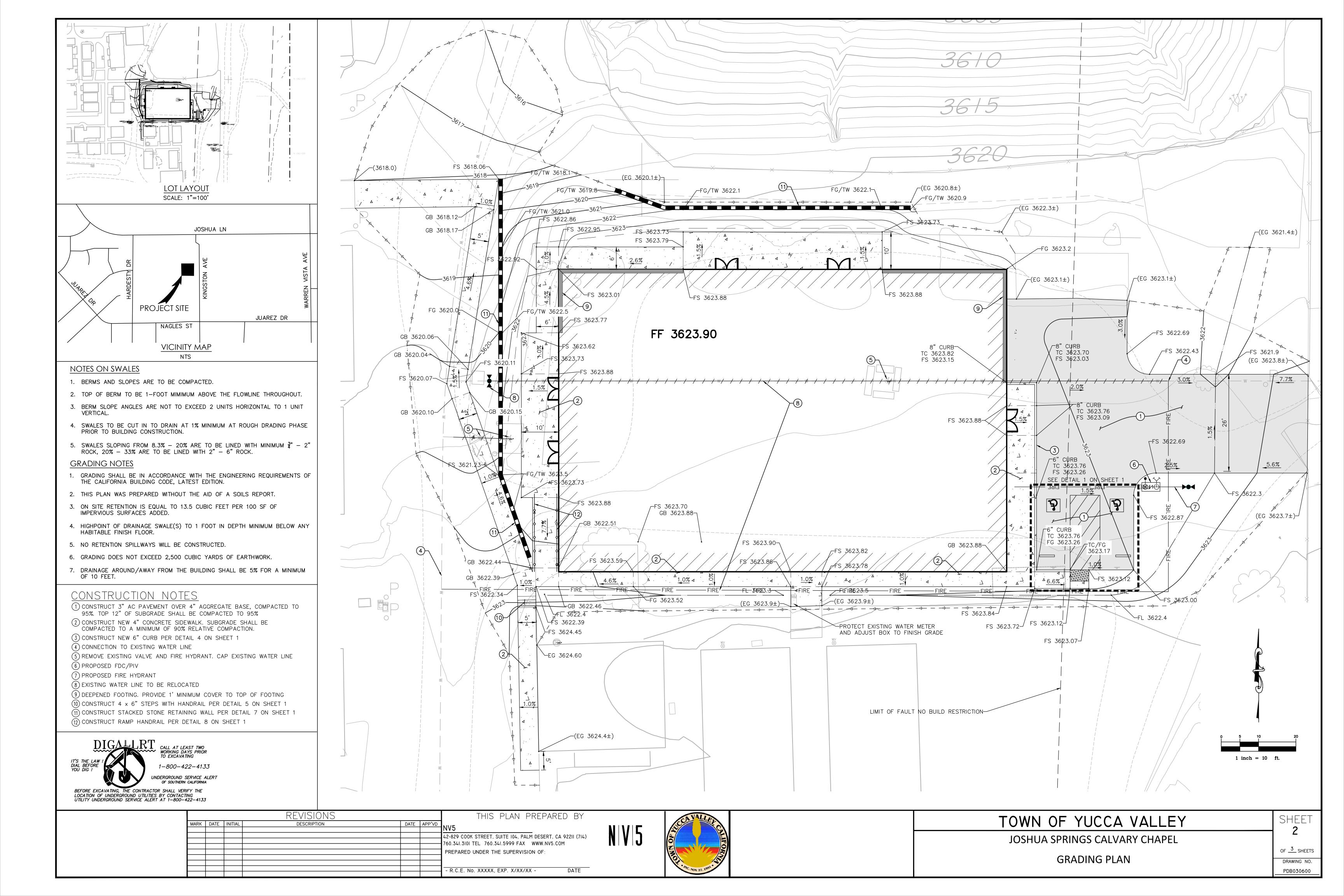


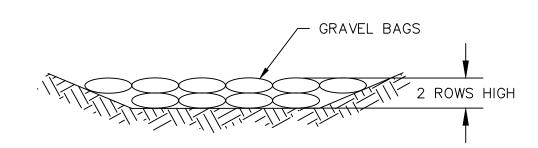
REVISIONS
THIS PLAN PREPARED BY
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OF 3 SHEETS
OF 3



ADJACENT ROLLS SHALL TIGHTLY ABUT EACH 1. STRAW ROLL INSTALLATION REQUIRES THE PLACEMENT AND SECURE STAKING OF THE ROLL IN A TRENCH, 3"-5" (75-125mm) DEEP, DUG ON CONTOUR. RUNOFF MUST NOT BE ALLOWED TO RUN UNDER OR AROUND ROLL.





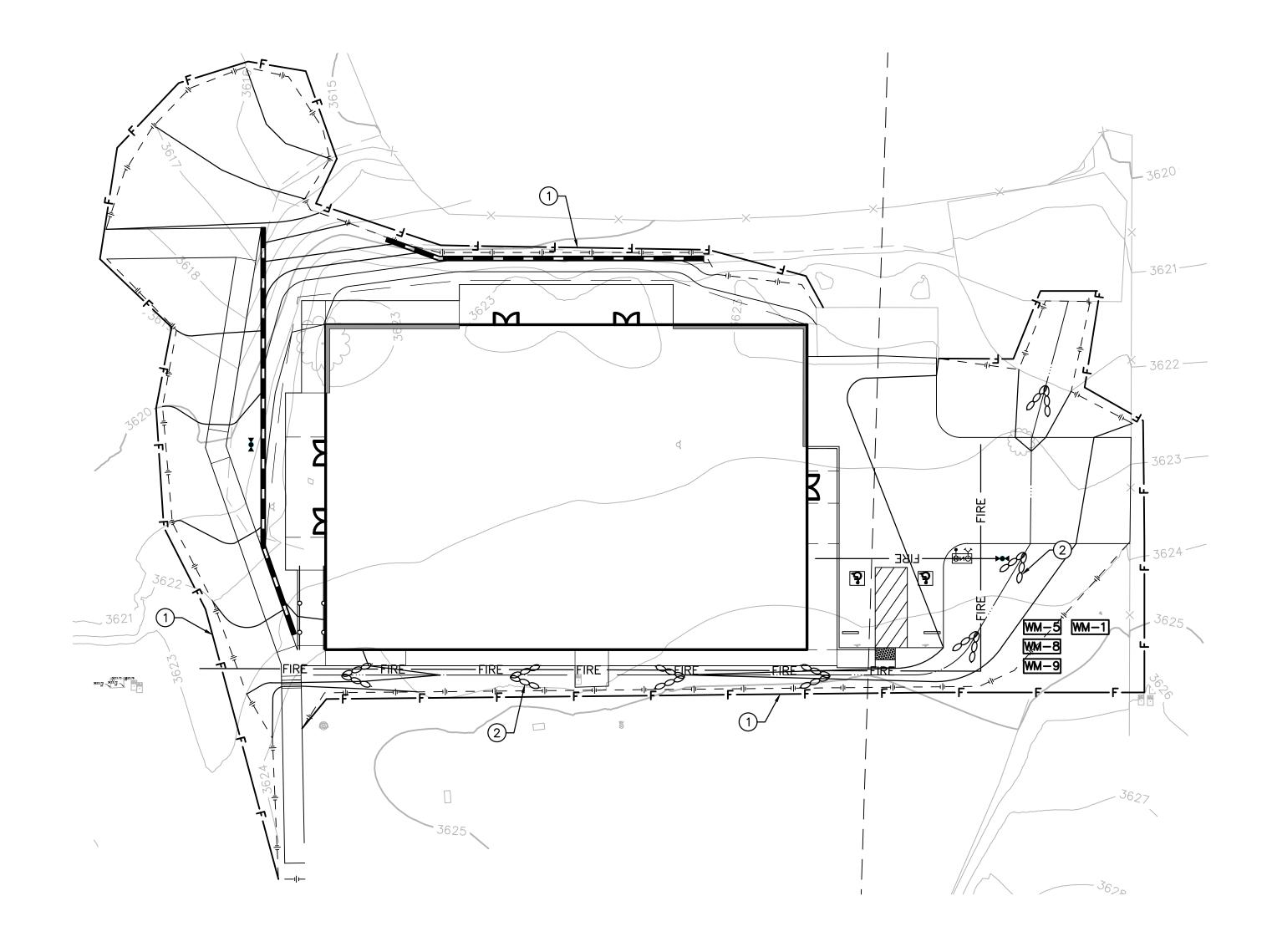


EROSION/DUST CONTROL NOTES

- 1. NO LAND CLEARING OR GRADING SHALL BEGIN UNTIL ALL PERMITS HAVE BEEN ISSUED.
- 2. ALL EXPOSED AREAS SHALL BE STABILIZED AS SPECIFIED WITHIN 30 DAYS OF FINAL GRADING.
- 3. SHOULD CONSTRUCTION STOP FOR LONGER THAN 15 DAYS THE SITE SHALL BE STABILIZED AS SPECIFIED.
- 4. CONTRACTOR SHALL MAINTAIN EROSION CONTROL MEASURES DURING AND AFTER EACH RAIN AND AT LEAST ONCE A WEEK.
- 5. THIS PLAN SHALL NOT BE CONSIDERED ALL INCLUSIVE AS THE CONTRACTOR SHALL TAKE ALL NECESSARY PRECAUTIONS TO PREVENT SOIL SEDIMENT AND POLLUTANTS FROM LEAVING THE
- 6. CONTRACTOR SHALL COMPLY WITH ALL STATE AND LOCAL ORDINANCES THAT APPLY.
- 7. ADDITIONAL EROSION AND SEDIMENT CONTROL MEASURES SHALL BE INSTALLED IF DEEMED NECESSARY BY ON-SITE INSPECTION.
- 8. CONTRACTOR SHALL BE RESPONSIBLE TO TAKE WHATEVER MEANS NECESSARY TO ESTABLISH PERMANENT SOIL STABILIZATION PER CITY REQUIREMENTS.
- 9. IF, IN THE OPINION OF THE CITY ENGINEER OR HIS DESIGNEE, THE INTENSITY, FREQUENCY OR DURATION OF FUGITIVE DUST EMISSIONS FROM THE SITE CONSTITUTES A HAZARD TO THE SAFETY OF THE PUBLIC, BY INTRUSION BEYOND THE PROJECT BOUNDARY, THE CITY ENGINEER OR HIS DESIGNEE OR AGENT MAY IMMEDIATELY ENTER UPON THE SITE OR IMMEDIATELY TAKE OTHER SUCH ACTION AS MAY BE NECESSARY TO REMEDY THE HAZARD, SUCH AS, BUT NOT LIMITED TO COMMENCING WATERING ON THE SITE OR ORDERING THE CESSATION OF ANY EMISSION-GENERATING ACTIVITY OCCURRING

ON-SITE.

IN THE TOWN OF YUCCA VALLEY, COUNTY OF SAN BERNARDINO FUGITIVE DUST AND EROSIO- CONTROL PLAN FOR APN 0585-062-65





LEGEND

FIBER ROLL (SC-5). SEE DETAIL A. GRAVEL BAGS (2 ROWS HIGH) (SC-6). SEE DETAIL B MATERIAL DELIVERY AND STORAGE

SOLID WASTE MANAGEMENT

CONCRETE WASTE MANAGEMENT

WM-9 SANITARY/SEPTIC WASTE

PHASING OF GRADING ACTIVITES

TIMES PER DAY BY EITHER SPRINKLERS OR WATER TRUCKS. TYPICAL 2000 GALLON WATER TRUCKS CAN EFFECTIVELY WATER ABOUT 4 ACRES PER HOUR. THEREFORE AN 8 HR. WORKDAY DIVIDED BY 4 WATERING'S PER DAY TIMES 4 AC./HR. = 8 ACRES PER TRUCK. SINCE WATER TRUCKS ARE ALLOWED TO WORK 7 DAYS A WEEK, 24 HOURS A DAY, IN SOME LOCATIONS, UP TO 24 AC. PER TRUCK MAY BE ACHIEVED THAT WAY, WITH SPECIAL PERMISSION. LARGER PROJECTS MUST HAVE MORE TRUCKS, MORE HOURS, MORE SPRINKLERS, OR LESS DISTURBED AREA AT ANY ONE TIME. AREAS ALREADY GRADED OR STOCKPILED MUST BE STABILIZED WITH CHEMICALS, HYDROMULCH, OR VEGETATION, BEFORE ADDITIONAL AREAS CAN BE STRIPPED FOR GRADING.

PHASE "A": ROUGH GRADING (SITE PREP. & MOBILIZATION)

- PRE-WATERING SHALL COMMENCE AT LEAST THREE (3) DAYS PRIOR TO ACTUAL GRADING USING A WATER TRUCK. CONNECTION TO ANY EXISTING WATER SYSTEM SHALL BE DONE IN COMPLIANCE WITH TWENTYNINE PALMS WATER DISTRICT. TEMPORARY WATER LINES SHALL BE INSTALLED WITH A MINIMAL DISTURBANCE OF ANY OFF-SITE AREAS THEY PASS THROUGH.
- 2. ACTIVITY AREAS SUCH AS: EQUIPMENT STORAGE AREA, MATERIALS STORAGE AREA, TEMPORARY OFFICE TRAILERS, AND EMPLOYEE PARKING, SHOULD BE LOCATED IF POSSIBLE ON EXISTING PAVED SURFACES, IF TRAFFIC WOULD NOT BE AFFECTED. IN LIEU OF EXISTING PAVING, A SOIL STABILIZER THAT DOES NOT REQUIRE CONSTANT WATERING, SUCH AS A WASHED GRAVEL, OR "BIODEGRADABLE OIL" COULD BE USED FOR THE INITIAL STAGING AREA. ANY CHEMICALS USED MUST BE CLEARED WITH THE CITY AND REGIONAL
- 3. WHEN WIND SPEEDS EXCEED 25 MPH, BY CONTINUOUS ANEMOMETER READING, OR IN GUSTS AT LEAST TWICE WITHIN A THIRTY MINUTE PERIOD, MEASURED ON THE SITE, VEHICULAR ACTIVITY ON THE SITE SHALL CEASE, EITHER VOLUNTARILY, OR BY CITY OR INSPECTOR NOTIFICATION, EXCEPT FOR WATER TRUCKS AND SPRINKLER-TENDING VEHICLES, IF ANY.

PHASE "B": ROUGH GRADING (ROUGH)

GENERAL REQUIREMENTS

- HAULING PROCEDURES: ALL VEHICLES GOING FROM DIRT AREAS ONTO PAVED STREETS SHALL HAVE HAULING DIRT ON PAVED STREETS SHALL MAINTAIN AT LEAST A HALF FOOT "FREEBOARD" FROM RIM TO DIRT, AND COVER ALL DIRT OR DUSTY DEBRIS LOADS WITH AN APPROPRIATE TARP. THE HAUL ROUTE HAVE A COPY OF THESE PROVISIONS WITH THEM AT ALL TIMES. THE IMPORT OR EXPORT SITE MUST HAVE A VALID GRADING PERMIT ALSO, AND SHOULD BE COMPLYING WITH ALL APPROPRIATE DUST MITIGATION MEASURES ALSO. WHEN PRACTICAL, TRUCKS AND EQUIPMENT, SHOULD SHUT OFF ENGINES RATHER THAN IDLING FOR EXTENDED PERIODS TO MINIMIZE EXHAUST EMISSIONS AND NOISE. THIS BECOMES MORE CRITICAL AS THE SIZE AND NUMBERS OF VEHICLES INCREASES.
- 2. ALL STRIPPED, GRADED OR OTHERWISE DISTURBED AREAS SHALL BE STABILIZED BY SOME APPROPRIATE MEANS, AREAS ACTIVELY BEING GRADED CAN USUALLY BE STABILIZED BY APPLYING WATER OR CHEMICAL SOIL BINDER. DISTURBED AREAS NOT ACTIVELY BEING WORKED MAY BE EFFECTIVELY TREATED WITH SOME MORE DURABLE SOIL STABILIZER, SUCH AS HYDROMULCH, TO AVOID CONSTANT WATERING. THE PREFERRED METHOD OF SITE WATERING IS BY SPRINKLER, ESPECIALLY AROUND THE PERIMETER. SPRINKLERS MUST BE SET TO RUN ON WEEKENDS AND EVENINGS WHEN WATER TRUCK DRIVERS ARE NOT AVAILABLE. A TYPICAL WATER TRUCK CAN ONLY HANDLE WELL ABOUT 4 ACRES PER HOUR.
- 3. IF PERIMETER BLOCK WALLS ARE TO BE BUILT THEY SHOULD BE GIVEN A HIGH PRIORITY SINCE THEY WILL HELP TO CATCH BLOWSAND AND COULD THEREBY REDUCE THE AMOUNT OF STREET SWEEPING

PHASE "C": FINISH GRADING (UTILITY & STREET CONST.)

GENERAL REQUIREMENTS

DIRT STOCKPILED NEXT TO UTILITY TRENCHES SHALL BE KEPT WATERED OR OTHERWISE STABILIZED OR COVERED TO HELP COUNTERACT THEIR HIGH PROFILE EXPOSURE TO THE WIND.

PHASE "D": FINISH GRADING (BLDG. UTIL., BLDG. CONST., LANDSCAPING)

GENERAL REQUIREMENTS

- 1. ALL INACTIVE AREAS SHOULD HAVE BEEN STABILIZED BY THIS STAGE. IF PREVIOUSLY COVERED, THE ACTUAL BUILDING PADS MAY NOW NEED TO BE STRIPPED, SCARIFIED AND RECOMPACTED FOR BUILDING PAD COMPACTION AND ELEVATION CERTIFICATIONS. DUST SHOULD BE MITIGATED BY WATERING, USUALLY BY TEMPORARY SPRINKLERS OR WATER TRUCK.
- 2. TRENCHING FOR BUILDING FOOTINGS, UTILITIES, DRYWELL CONSTRUCTION, POOLS, AND TENNIS COURT CONSTRUCTION FORM THE BULK OF EARTHWORK AFTER THE PADS HAVE BEEN CERTIFIED, TEMPORARY SPRINKLERS OR WATER TRUCK MAY STILL BE USED ON THE BUILDING SITE FOR DUST CONTROL PRIOR TO THE BEGINNING OF FRAMING. TREATMENT WITH A BIODEGRADABLE "OIL" APPROVED FOR DUST CONTROL IS RECOMMENDED WHERE IT IS DIFFICULT TO WATER.
- 3. ESTABLISHING THE LANDSCAPE AND SPRINKLER SYSTEM AROUND THE PERIMETER OF LARGE PROJECTS SHOULD BE DONE AT THIS STAGE OR AS SCHEDULED AND WITH RECEIPT OF APPROVED PLANS. PLANTINGS AROUND PERIMETER SERVE AS A WIND BUFFER AND COLLECTION SYSTEM FOR DUST AND SAND. IT IS GOOD TO HAVE DUST AND SAND WELL UNDER CONTROL PRIOR TO THE BUILDING PHASE.
- 4. DISTURBED AREAS AROUND BUILDINGS SHOULD BE WATERED BY HAND FOR DUST CONTROL UNTIL SUCH TIME THAT THE SPRINKLER SYSTEM IS FULLY FUNCTIONAL AND GROUND COVER AND/OR LANDSCAPING IS ESTABLISHED. IF WATERING IS DIFFICULT DUE TO BUILDING INTERFERENCE, CHEMICAL OR MULCH TREATMENTS ARE AVAILABLE THAT CAN STABILIZE THE SOIL WITHOUT FREQUENT WATERING.
- 5. CONSTRUCTION DUST SUCH AS FROM CEMENT, PLASTER, PAINT OVERSPRAY, WOOD CUTTING, GRINDING OPERATIONS, ETC., SHOULD BE MINIMIZED ALSO. A PERIMETER BARRIER OF SPRINKLERS, PLANTINGS AND SCREENED FENCING CAN SERVE TO CATCH SOME OF THE POTENTIALLY HAZARDOUS MATERIAL AS WELL AS NATURAL DUST AND BLOWSAND. CONCENTRATIONS OF CONSTRUCTION DUSTS CAN RESULT FROM WASHING OF EQUIPMENT AND SHOULD BE PROPERLY DISPOSED OF BEFORE THEY CAN DRY OUT AND BLOW OR BE WASHED ACROSS PROJECT BOUNDARIES.

REVISIONS						THIS PLAN PREPARED BY
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						PREPARED UNDER THE SUPERVISION OF:
						- R.C.E. No. XXXXX, EXP. X/XX/XX - DATE





TOWN OF YUCCA VALLEY

JOSHUA SPRINGS CALVARY CHAPEL

EROSION CONTROL PLAN

DRAWING NO. PDB030600

OF $\frac{3}{}$ SHEETS