

© 2014. ALL RIGHTS RESERVED.

EROSION CONTROL LEGEND

- CONSTRUCTION FENCE (LOCATED AROUND ENTIRE TRACT B-1 SITE)
- SEDIMENT FENCE
- CURB INLET PROTECTION
- DROP INLET SEDIMENT TRAP
- TEMPORARY CONSTRUCTION ENTRANCE
- TURF REINFORCEMENT MAT (AT SLOPES EQUAL TO OR GREATER THAN 4:1)
- SEEDING AND MULCHING (AT SLOPES LESS THAN 4:1)
- ROCK SOCK

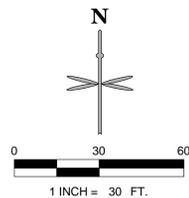
- STABILIZED STAGING AREA
- LIMITS OF CONSTRUCTION
- CONCRETE WASHOUT AREA
- FLOW ARROW

NOTE:

- ALL EROSION CONTROL DETAILS SHALL CONFORM TO THE CITY OF ALBUQUERQUE/BERNALILLOS COUNTY DESIGN PROCESS MANUAL CH. 22 VOLUME II: DRAINAGE, FLOOD CONTROL, CONTROL AND PUBLIC INFRASTRUCTURE DEPARTMENT ARCHITECTURE & ENGINEERING DIVISION STORM WATER POLLUTION PREVENTION PLAN DETAILS, LATEST EDITION.

LEGEND

- PROPERTY LINE
- EXISTING MAJOR CONTOUR
- EXISTING MINOR CONTOUR
- PROPOSED MAJOR CONTOUR
- PROPOSED MINOR CONTOUR
- PROPOSED STORM SEWER
- MAJOR BASIN BOUNDARY LINE
- PROPOSED 6" CURB
- FLOW ARROW
- PROPOSED STORM MANHOLE
- PROPOSED INLET
- EXISTING STORM MANHOLE



GENERAL NOTES

- AT ALL TIMES DURING CONSTRUCTION, THE CONTRACTOR SHALL BE RESPONSIBLE FOR PREVENTING AND CONTROLLING EROSION DUE TO WIND AND RUNOFF. THE CONTRACTOR SHALL ALSO BE RESPONSIBLE FOR MAINTAINING EROSION CONTROL FACILITIES SHOWN.
- ADDITIONAL EROSION CONTROL MEASURES MAY BE REQUIRED DUE TO UNFORESEEN PROBLEMS OR IF THE PLAN DOES NOT FUNCTION AS INTENDED.
- CONTRACTOR SHALL BE RESPONSIBLE FOR CLEANING DRAINAGE AND EROSION CONTROL FACILITIES AS REQUIRED. STREETS SHALL BE KEPT CLEAN OF DEBRIS FROM TRAFFIC FROM THIS SITE.
- ALL AREAS DISTURBED DURING CONSTRUCTION SHALL BE PAVED, SEEDED WITH NATIVE VEGETATION OR LANDSCAPED. REFER TO LANDSCAPE PLANS FOR PERMANENT SEED MIX AND PLANTING SPECIFICATIONS.
- EROSION CONTROL STRUCTURES BELOW SODDED AREAS MAY BE REMOVED ONCE SOD AND FINAL LANDSCAPING IS IN PLACE. EROSION CONTROL STRUCTURES BELOW SEEDED AREAS MUST REMAIN IN PLACE UNTIL THE ENTIRE AREA HAS ESTABLISHED A MATURE COVERING OF HEALTHY VEGETATION. EROSION CONTROL IN PROPOSED PAVED AREAS SHALL REMAIN IN PLACE UNTIL PAVEMENT IS COMPLETE.
- THIS PLAN IS ONLY TO BE USED FOR INSTALLATION OF EROSION CONTROL FACILITIES. DO NOT USE THIS PLAN FOR GRADING OR STORM SEWER CONSTRUCTION.
- CONTRACTOR SHALL USE TEMPORARY CONSTRUCTION ENTRANCE AT ALL LOCATIONS WHERE VEHICLE WILL ENTER OR EXIT THE SITE. CONTROL FACILITIES WILL BE MAINTAINED WHILE CONSTRUCTION IS IN PROGRESS, MOVED WHEN NECESSARY AND REMOVED WHEN THE SITE IS PAVED.
- SEEDING AND MULCHING WILL OCCUR WITHIN 14 DAYS OF THE COMPLETION OF OVERLOT GRADING OR WITHIN 14 DAYS ON AREAS THAT ARE TO BE LEFT IDLE FOR A PERIOD OF 60 DAYS OR MORE.

PERFORMANCE STANDARDS

THE GENERAL REQUIREMENTS FOR EROSION CONTROL WORK SHALL BE AS FOLLOWS:

- ANY LAND DISTURBING ACTIVITY SHALL BE CONDUCTED IN SUCH A MANNER SO AS TO EFFECTIVELY REDUCE ACCELERATED SOIL EROSION AND RESULTING SEDIMENTATION.
- STRUCTURAL EROSION CONTROL MEASURES INCLUDED IN THE APPROVED PLAN ARE TO BE INSTALLED PRIOR TO SOIL DISTURBANCE. INSTALLATION WILL MEET SPECIFICATIONS SHOWN ON THE DETAIL SHEET. CONTROL MEASURES NECESSARY FOR CONTINUING PHASES OF CONSTRUCTION SHALL BE INSTALLED AS DETAILED IN THE SUBMITTED CONSTRUCTION SCHEDULE OR AS NEEDED IN PROGRESSION TO THE FINAL EROSION CONTROL PLAN.
- ALL LAND DISTURBING ACTIVITIES SHALL BE DESIGNED, CONSTRUCTED AND COMPLETED IN SUCH A MANNER THAT THE EXPOSURE TIME OF DISTURBED LAND SHALL BE LIMITED TO THE SHORTEST POSSIBLE PERIOD OF TIME.
- SEDIMENT CAUSED BY ACCELERATED SOIL EROSION SHALL BE REMOVED FROM RUNOFF WATER BEFORE LEAVING THE SITE.
- ANY TEMPORARY OR PERMANENT FACILITY DESIGNED AND CONSTRUCTION FOR THE CONVEYANCE OF WATER AROUND, THROUGH OR FROM THE LAND DISTURBING ACTIVITY SHALL BE DESIGNED TO LIMIT THE WATER FLOW TO A NON-EROSIVE VELOCITY.
- TEMPORARY SOIL EROSION CONTROL FACILITIES SHALL BE REMOVED AND AREAS OF LAND DISTURBANCE GRADED AND STABILIZED WITH PERMANENT SOIL EROSION CONTROL MEASURES PURSUANT TO APPROVED PLANS AND SPECIFICATIONS.

MAINTENANCE

IN GENERAL, ALL EROSION AND SEDIMENT CONTROL MEASURES WILL BE CHECKED WEEKLY AND AFTER EACH SIGNIFICANT RAINFALL. THE FOLLOWING ITEMS WILL BE CHECKED IN PARTICULAR:

- THE CONSTRUCTION ENTRANCE SHALL BE MAINTAINED IN A CONDITION WHICH WILL PREVENT TRACKING AND FLOW OF MUD ONTO PUBLIC RIGHTS-OF-WAY. THIS MAY REQUIRE PERIODIC TOP DRESSING WITH STONE AS CONDITIONS DEMAND. ALL MATERIALS SPILLED, DROPPED, WASHED OR TRACKED FROM VEHICLE OR SITE ONTO ROADWAY MUST BE REMOVED IMMEDIATELY.
- THE PERIMETER SEDIMENT FENCE BARRIERS WILL BE CHECK REGULARLY FOR UNDERMINING.

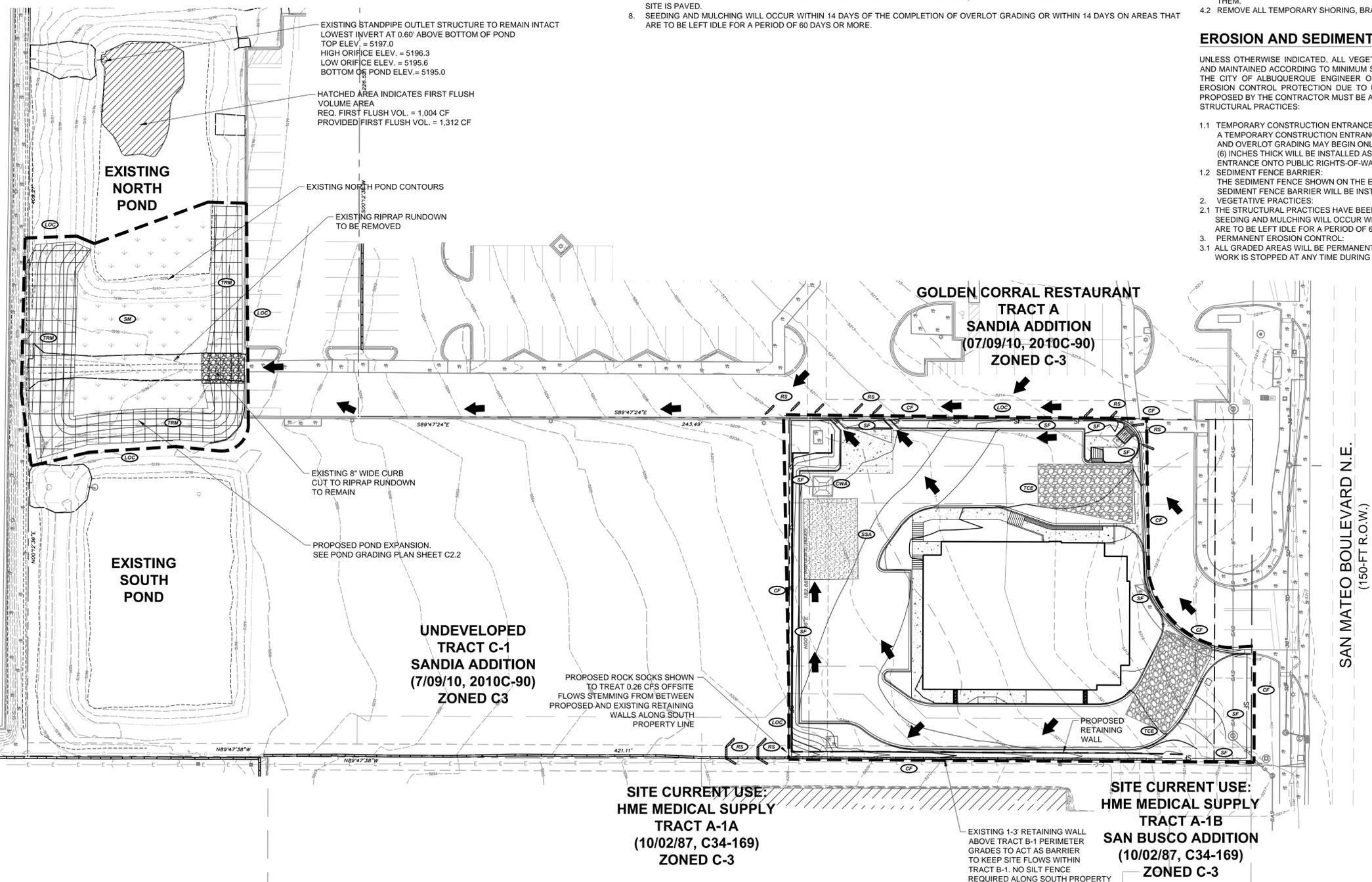
MANAGEMENT STRATEGIES

- THE CONSTRUCTION ENTRANCE AND SEDIMENT FENCE BARRIERS SHALL BE INSTALLED AS FIRST STEP IN THE GRADING PROCESS.
- THE SEDIMENT FENCE SHOWN ON THE EROSION CONTROL PLAN SHALL BE SECURED ACCORDING TO THE DETAIL SHOWN ON SHEET C3.1. THE SEDIMENT FENCE BARRIER WILL BE INSTALLED AS SHOWN ON THE EROSION CONTROL PLAN PRIOR TO OVERLOT GRADING.
- THE CONSTRUCTION SUPERINTENDENT SHALL HAVE OVERALL RESPONSIBILITY FOR PLAN IMPLEMENTATION. THEY SHALL ALSO BE RESPONSIBLE FOR SEEING THAT APPROPRIATE CONSTRUCTION WORKERS AND SUBCONTRACTORS ARE AWARE OF THE PROVISIONS OF THE PLAN.
- CLEAN-UP:
 - TRANSPORT TRASH AND DEBRIS AND SURPLUS AND UNACCEPTABLE SOIL MATERIALS FROM PROJECT SITE AND LEGALLY DISPOSE OF THEM.
 - REMOVE ALL TEMPORARY SHORING, BRACING, EROSION CONTROL AND OTHER PROTECTION DEVICES WHEN NO LONGER REQUIRED.

EROSION AND SEDIMENT CONTROL MEASURES

UNLESS OTHERWISE INDICATED, ALL VEGETATIVE AND STRUCTURAL EROSION AND SEDIMENT CONTROL PRACTICES WILL BE CONSTRUCTED AND MAINTAINED ACCORDING TO MINIMUM STANDARDS AND SPECIFICATIONS OF THE CITY OF ALBUQUERQUE AND THE STATE OF NEW MEXICO. THE CITY OF ALBUQUERQUE ENGINEER OR THEIR DESIGNATED REPRESENTATIVE RESERVES THE OPTION TO REQUIRE ADDITIONAL SOIL EROSION CONTROL PROTECTION DUE TO UNFORESEEN CONDITIONS OR AS DETERMINED NECESSARY UPON FIELD INSPECTION. CHANGES PROPOSED BY THE CONTRACTOR MUST BE APPROVED BY THE COUNTY ENGINEER. STRUCTURAL PRACTICES:

- TEMPORARY CONSTRUCTION ENTRANCE:
 - A TEMPORARY CONSTRUCTION ENTRANCE SHALL BE INSTALLED AS THE INITIAL EROSION CONTROL MEASURE. CLEARING, GRUBBING AND OVERLOT GRADING MAY BEGIN ONLY AFTER THIS ENTRANCE IS IN PLACE. A 1-1/2 INCH CRUSHED GRAVEL STONE STABILIZED PAD SIX (6) INCHES THICK WILL BE INSTALLED AS SHOWN ON THE EROSION CONTROL PLAN. WHEELS MUST BE CLEANED TO REMOVE MUD PRIOR TO ENTRANCE ONTO PUBLIC RIGHTS-OF-WAY.
- SEDIMENT FENCE BARRIER:
 - THE SEDIMENT FENCE SHOWN ON THE ENCLOSED EROSION CONTROL PLAN SHALL BE SECURED ACCORDING TO THE DETAIL. THE SEDIMENT FENCE BARRIER WILL BE INSTALLED AS SHOWN ON THE EROSION CONTROL PLAN PRIOR TO OVERLOT GRADING.
- VEGETATIVE PRACTICES:
 - THE STRUCTURAL PRACTICES HAVE BEEN PLACED TO CONTROL EROSION SO THAT VEGETATIVE PRACTICES SHOULD NOT BE REQUIRED. SEEDING AND MULCHING WILL OCCUR WITHIN 14 DAYS OF THE COMPLETION OF OVERLOT GRADING OR WITHIN 14 DAYS ON AREAS THAT ARE TO BE LEFT IDLE FOR A PERIOD OF 60 DAYS OR MORE.
 - PERMANENT EROSION CONTROL:
 - ALL GRADED AREAS WILL BE PERMANENTLY STABILIZED WITH VEGETATIVE COVER IN ACCORDANCE WITH THE SEEDING SPECIFICATIONS IF WORK IS STOPPED AT ANY TIME DURING CONSTRUCTION.



EXISTING STANDPIPE OUTLET STRUCTURE TO REMAIN INTACT LOWEST INVERT AT 0.60' ABOVE BOTTOM OF POND
 TOP ELEV. = 5197.0
 HIGH ORIFICE ELEV. = 5196.3
 LOW ORIFICE ELEV. = 5195.6
 BOTTOM OF POND ELEV. = 5195.0

HATCHED AREA INDICATES FIRST FLUSH VOLUME AREA
 REQ. FIRST FLUSH VOL. = 1,004 CF
 PROVIDED FIRST FLUSH VOL. = 1,312 CF

EXISTING NORTH POND CONTOURS

EXISTING RIPRAP RUNDOWN TO BE REMOVED

EXISTING 8" WIDE CURB CUT TO RIPRAP RUNDOWN TO REMAIN

PROPOSED POND EXPANSION. SEE POND GRADING PLAN SHEET C2.2

UNDEVELOPED TRACT C-1 SANDIA ADDITION (7/09/10, 2010C-90) ZONED C3

PROPOSED ROCK SOCKS SHOWN TO TREAT 0.26 CFS OFFSITE FLOWS STEMMING FROM BETWEEN PROPOSED AND EXISTING RETAINING WALLS ALONG SOUTH PROPERTY LINE

SITE CURRENT USE: HME MEDICAL SUPPLY TRACT A-1A (10/02/87, C34-169) ZONED C-3

SITE CURRENT USE: HME MEDICAL SUPPLY TRACT A-1B SAN BUSCO ADDITION (10/02/87, C34-169) ZONED C-3

EXISTING 1-3' RETAINING WALL ABOVE TRACT B-1 PERIMETER GRADES TO ACT AS BARRIER TO KEEP SITE FLOWS WITHIN TRACT B-1. NO SILT FENCE REQUIRED ALONG SOUTH PROPERTY

SAN MATEO BOULEVARD N.E. (150-FT R.O.W.)

PROJECT BENCHMARK & VERTICAL DATUM

ALL CORNERS FOUND IN PLACE AND HELD WERE TAGGED WITH A BRASS DISK STAMPED "HUGG L.S. 9750" OR "HUGG L.S. 11808" UNLESS OTHERWISE INDICATED HEREON.

ALL CORNERS THAT WERE SET ARE EITHER A 5/8" REBAR WITH CAP STAMPED "HUGG L.S. 9750" OR "HUGG L.S. 11808" OR A CONCRETE NAIL WITH BRASS DISK STAMPED "HUGG L.S. 9750" OR "HUGG L.S. 11808" UNLESS OTHERWISE INDICATED HEREON.

VERTICAL DATUM IS BASED UPON THE ALBUQUERQUE CONTROL SURVEY BENCHMARK "9-F18", ELEVATION = 5212.23 (NAVD 1988)

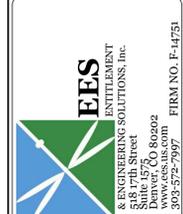
PROJECT BASIS OF BEARING

BEARINGS ARE NEW MEXICO STATE PLANE GRID BEARINGS, CENTRAL ZONE -NAD83.

LEGAL DESCRIPTION

TRACT LETTERED "B" OF THE PLAT OF TRACTS A, B, & C, SANDIA ADDITION, ALBUQUERQUE, BERNALILLO COUNTY, NEW MEXICO, FEBRUARY 2010, AS THE SAME IS SHOWN AND DESIGNATED ON SAID PLAT FILED FOR RECORD ON JULY 9, 2010, AND RECORDED AS DOCUMENT #2010068217 IN THE RECORDS OF THE COUNTY CLERK OF BERNALILLO COUNTY, NEW MEXICO

NO.	REVISION	DATE
	BIDS & BUILDING PERMIT PLAN CHECK	03/16/2015
	BUILDING PERMIT COMM. RESPONSE	04/22/2015



CIVIL CONSTRUCTION DOCUMENTS
 DEL NORTE DIALYSIS CENTER
 5207 San Mateo Boulevard N.E.
 EROSION CONTROL PLAN

PROJECT NO:	DAV003.01
DESIGNED BY:	KLR
DRAWN BY:	KLR
DATE:	03/10/15