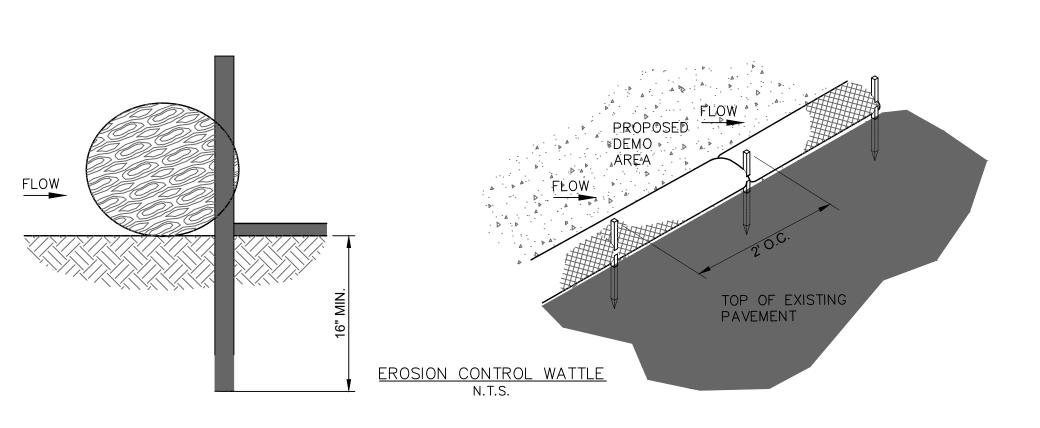
EROSION CONTROL NOTES LEGEND ACREAGE SUMMARY **NOTE - STABILIZATION** **GIBSON** BI VD CONTRACTOR MUST COMPLETE A CONSTRUCTION SITE NOTICE, OBTAIN SIGNED COPIES OF NOI FORM FOR BOTH OWNER AND CONTRACTOR (IF APPLICABLE TO THIS SITE), AND POST THEM AT THE CONSTRUCTION SITE, IN ACCORDANCE WITH THE NATIONAL 1.00 AC TOTAL SITE POLLUTANT DISCHARGE ELIMINATION SYSTEM (NPDES) GENERAL PERMIT FOR CONSTRUCTION ACTIVITIES IN NEW MEXICO (NMR120000). ALL DISTURBED AREAS SHALL BE WATERED, THE GENERAL CONTRACTOR, (AND ALL SUBCONTRACTORS INVOLVED WITH ANY CONSTRUCTION ACTIVITY RELATED TO EARTHWORK, FERTILIZED, AND SEEDED OR SODDED AS LANDSCAPE AREAS EROSION CONTROL., ETC., OR WHICH UTILIZE POSSIBLE POLLUTANTS AS DEFINED IN THE NPDES GENERAL PERMIT) MUST BE FAMILIAR TOTAL DISTURBED ±1.00 AC NECESSARY AND BY DEFINITION 'MAINTAINED' WITH THE CONTENTS OF THE STORM WATER POLLUTION PREVENTION PLAN (SWPPP) AS WELL AS ALL THE REQUIREMENTS SET FORTH IN UNTIL AN ESTABLISHED STAND OF GRASS CAN WEIGHTED PRE-CONSTRUCTION THE NPDES GENERAL PERMIT AND ANY APPLICABLE LOCAL PERMIT REQUIREMENTS, AND SHALL COMPLY WITH ALL SUCH REQUIREMENTS BE RELEASED TO THE OWNER. REFERENCE 0.74 CONSTRUCTION ENTRANCE DURING ALL CONSTRUCTION ACTIVITIES. RUNOFF COEFFICIENT (Cw) LANDSCAPE/IRRIGATION PLAN TO COORDINATE THE CONTRACTOR SHALL ADHERE TO THE SEQUENCE OF OPERATIONS FOR EROSION CONTROL IMPLEMENTATION SHOWN HEREON. ANY PLANTING ENHANCEMENTS AND LIMITS OF WEIGHTED POST-CONSTRUCTION DEVIATION FROM THIS SEQUENCE DEEMED NECESSARY BY THE CONTRACTOR MAY REQUIRE THAT THE STORMWATER POLLUTION 0.73 IRRIGATION COVERAGE. RUNOFF COEFFICIENT (Cw) PREVENTION PLAN BE MODIFIED IN ACCORDANCE WITH THE NPDES GENERAL PERMIT GUIDELINES AND THE STORM WATER POLLUTION SEDIMENT TRAP PREVENTION PLAN PREPARED FOR THIS SITE. POST AREA ROOFED OR 0.66 AC THE CONTRACTOR SHALL MODIFY THIS PLAN TO SHOW LOCATIONS OF TEMPORARY WASHDOWN AREAS, PORTABLE TOILETS, EQUIPMENT MAINTENANCE/REPAIR AREAS, STOCKPILE AREAS, FUEL STORAGE AREAS, CONCRETE WASHOUT PITS, AND POLLUTANT CONTROLS FOR EXISTING CONTOUR ----- XXX -----EACH, AS SOON AS POSSIBLE. THE GENERAL PERMIT PROHIBITS THE DISCHARGE OF WASTEWATER FROM CONCRETE WASHOUT PITS AND POST AREA LANDSCAPED 0.34 AC CLEANOUT OF STUCCO, PAINT, FORM RELEASE OILS, CURING COMPOUNDS, AND OTHER CONSTRUCTION MATERIALS, UNLESS MANAGED BY NO WORK SHALL BE PERFORMED $---\overline{(XXX)}$ PROPOSED CONTOUR AN APPROPRIATE CONTROL AS DESCRIBED IN PART 2.3.3.4 OF THE NMR120000 PERMIT. WINK FINE SANDY LOAM. 0 TO 5 IN THE PUBLIC R.O.W. WITHOUT THE GENERAL CONTRACTOR SHALL PERFORM ALL REQUIRED INSPECTIONS OF STORMWATER CONTROLS AND PRACTICES AT FREQUENCIES USDA WEBSOILS PERCENT SLOPES AN APPROVED WORK ORDER OR EXISTING DRAINAGE FLOW ARROW GIVEN IN THE NPDES GENERAL PERMIT, AND SHALL COMPLETE AND SIGN APPROPRIATE INSPECTION FORMS (AS PROVIDED IN THE EXCAVATION PERMIT, STORMWATER POLLUTION PREVENTION PLAN). SOIL ERODIBILITY FACTOR OIL AND GREASE ABSORBING MATERIALS SHALL BE READILY AVAILABLE ON-SITE AND SHALL BE PROMPTLY USED TO CONTAIN AND/OR PROPOSED DRAINAGE FLOW ARROW CLEAN UP ALL FUEL OR CHEMICAL SPILLS OR LEAKS. DUST CONTROL SHALL BE ACCOMPLISHED BY WATERING DRY, EXPOSED AREAS ON A REGULAR BASIS. SPRAYING OF PETROLEUM BASED LIMITS OF DISTURBANCE SCALE: 1" = 20'OR TOXIC LIQUIDS FOR THIS PURPOSE IS PROHIBITED. DISTURBED AREAS OF THE SITE WHERE CONSTRUCTION ACTIVITIES HAVE CEASED FOR FOURTEEN OR MORE DAYS SHALL BE TEMPORARILY STABILIZED WITH VEGETATION, MULCH, CRUSHED ROCK, OR OTHER APPROPRIATE MATERIAL. OUTLET PROTECTION DISTURBED AREAS OF THE SITE WHERE CONSTRUCTION ACTIVITIES HAVE PERMANENTLY CEASED SHALL BE PERMANENTLY STABILIZED WITHIN FOURTEEN DAYS PER LANDSCAPING SPECIFICATIONS WITH VEGETATION, MULCH, CRUSHED ROCK, OR OTHER APPROPRIATE SILT FENCE MATERIALS. . ALL VEHICLES SHALL BE CLEANED AT THE CONSTRUCTION EXIT POINTS ACCORDING TO NOTES SHOWN ON THE DETAIL THEREOF, IF THE MAJORITY OF MUD OR DIRT IS NOT REMOVED FROM EXITING TRAFFIC, HOSE BIBS SHALL BE PROVIDED AT CONSTRUCTION TRAFFIC EXIT INLET PROTECTION POINTS, AND VEHICLE TIRES SHALL BE WASHED BEFORE EXITING ONTO PUBLIC ROADS. SILT FROM THIS WASHING OPERATION SHALL BE INTERCEPTED AND TRAPPED BEFORE WASHWATER IS ALLOWED TO BE DISCHARGED OFF-SITE. TEMPORARY DIVERSION BERM O. ALL MATERIALS SPILLED, DROPPED, WASHED OR TRACKED ONTO ADJACENT ROADWAYS BY VEHICLES EXITING THE SITE SHALL BE CLEANED OR REMOVED IMMEDIATELY. CONTRACTOR SHALL PREVENT ANY SILTATION FROM ENTERING THE STORM SEWER SYSTEM. ALL INLETS AND INLET OPENINGS SHALL BE FLOW PATH FULLY PROTECTED FROM SEDIMENT INFLOW WITH APPROPRIATE INLET PROTECTION DEVICES. 12. THE CONTRACTOR SHALL REMOVE ALL ACCUMULATED SILT IN ANY TEMPORARY OR PERMANENT DETENTION PONDS, STORM SEWER INLETS AND PIPES, AND ALONG SILT FENCES, WITHIN 48 HOURS AFTER INSPECTION OF DEVICES REVEALS THE PRESENCE OF EXCESSIVE SILTATION (AS SPECIFIED IN THE STORM WATER POLLUTION PREVENTION PLAN). 13. SILT FENCES SHALL BE PLACED AROUND ANY STOCKPILES USED ON THIS SITE. 14. THE CONTRACTOR IS ADVISED TO CONSTRUCT TEMPORARY OR PERMANENT FENCING AROUND DETENTION PONDS AND SEDIMENT BASINS AT THE EARLIEST POSSIBLE TIME TO PREVENT ACCIDENTAL ACCESS BY PERSONS OR ANIMALS. VICINITY MAP (ZONE ATLAS M-15-Z) 15. ANY ADDITIONAL EROSION CONTROL MEASURES REQUIRED TO ENSURE COMPLIANCE WITH THE NPDES GENERAL PERMIT OR LOCAL PERMIT N.T.S REQUIREMENTS SHALL BE IMPLEMENTED BY THE CONTRACTOR, AT NO ADDITIONAL EXPENSE TO THE OWNER. 16. ALL TEMPORARY EROSION CONTROL MEASURES SHALL BE REMOVED AND PROPERLY DISPOSED OF OFF-SITE WITHIN THIRTY DAYS AFTER PERMANENT STABILIZATION OF ALL SURFACES IS ACHIEVED. ROW F Gibson Boulevard, S.E. 17. THE CONTRACTOR SHALL ASSUME LIABILITY FOR DAMAGE TO ADJACENT PROPERTIES AND/OR PUBLIC RIGHT-OF-WAY RESULTING FROM FAILURE TO FULLY IMPLEMENT AND EXECUTE ALL EROSION CONTROL PROCEDURES SHOWN AND NOTED IN THESE PLANS. PRE-CONSTRUCTION CONDITIONS: (120' PUBLIC ROW) 8. WHENEVER DIRT, ROCK, OR OTHER MATERIALS ARE EXPORTED FOR USE OFF OF THE PRIMARY CONSTRUCTION SITE, CONTRACTOR SHALL OT A WAS ALL ASPHALT WITH NO ASSUME RESPONSIBILITY FOR COMPLIANCE WITH ALL EPA AND NMED STORMWATER REQUIREMENTS FOR THE REMOTE SITE. CONTRACTOR SHALL FURNISH THE ENGINEER AND THE OWNER'S CONSTRUCTION MANAGER WITH DOCUMENTATION OF COVERAGE FOR THE BORROW OR EXISTING STRUCTURE FILL SITE UNDER AN NPDES PERMIT FOR STORMWATER DISCHARGES AND OF A WRITTEN AGREEMENT WITH THE LANDOWNER OF THE REMOTE SITE INDICATING EROSION CONTROL MEASURES HAVE BEEN IMPLEMENTED THEREON. AT A MINIMUM, EROSION CONTROL MEASURES MUST CONSIST OF PERIMETER CONTROLS (SILT FENCES AND/OR STRAW WATTLES) ON ALL DOWN SLOPE AND SIDE SLOPE BOUNDARIES OF ANY DISTURBED AREA, PLUS PROVISIONS FOR RE-STABILIZATION AFTER THÉ FILL MATERIALS ARE IN PLACE. 19. ALL SLOPES ON SITE WHICH ARE 3:1 OR STEEPER SHALL BE STABILIZED BY TRACK WALKING (TRAVERSING UP AND DOWN THE SLOPE DISCHARGE POINT: WITH A TRACKED VEHICLE) FOLLOWED BY INSTALLATION OF EROSION CONTROL BLANKET INSTALLED IN ACCORDANCE WITH EXISTING COA MANUFACTURER'S INSTRUCTIONS (EROSION CONTROL BLANKET SHALL BE NORTH AMERICAN GREEN S150, OR APPROVED EQUAL) OR SIDEWALK CULVERT. OTHER EQUIVALENT STABILIZATION MEASURES APPROPRIATE FOR USE ON STEEP SLOPES. OE OE SILT FENCE. CITY OF ALBUQUERQUE STANDARD NOTES 5.45% INSTALL TEMPORARY DIVERSION BERM . ALL EROSION AND SEDIMENT CONTROL (ESC) WORK ON THESE PLANS, EXCEPT AS OTHERWISE STATED OR PROVIDED HEREON SHALL BE DISCHARGE POINT: (RE: C3.1 EROSION PERMITTED, CONSTRUCTED, INSPECTED, AND MAINTAINED IN ACCORDANCE WITH: GIBSON BLVD. CONTROL DETAILS) a. THE CITY ORDINANCE § 14-5-2-11, THE ESC ORDINANCE, b. THE EPA'S 2022 CONSTRUCTION GENERAL PERMIT (CGP), AND c. THE CITY OF ALBUQUERQUE CONSTRUCTION BMP MANUAL. 2. ALL BMP'S MUST BE INSTALLED PRIOR TO BEGINNING ANY EARTH MOVING ACTIVITIES EXCEPT AS SPECIFIED HEREON IN THE PHASING Date Description PLAN. CONSTRUCTION OF EARTHEN BMP'S SUCH AS SEDIMENT TRAPS, SEDIMENT BASINS, AND DIVERSION BERMS SHALL BE COMPLETED AND INSPECTED PRIOR TO ANY OTHER CONSTRUCTION OR EARTHWORK. SELF-INSPECTION IS REQUIRED AFTER INSTALLATION OF THE Revisions BMPS AND PRIOR TO BEGINNING CONSTRUCTION. SELF-INSPECTIONS - IN ACCORDANCE WITH CITY ORDINANCE \{ 14-5-2-11(C)(1), "AT A MINIMUM A ROUTINE SELF-INSPECTION IS REQUIRED TO REVIEW THE PROJECT FOR COMPLIANCE WITH THE CONSTRUCTION GENERAL PERMIT ONCE EVERY 14 DAYS AND AFTER ANY PRECIPITATION EVENT OF 1/4 INCH OR GREATER UNTIL THE SITE CONSTRUCTION HAS BEEN COMPLETED AND THE SITE DETERMINED AS INSTALL TEMPORAR` STABILIZED BY THE CITY. REPORTS OF THESE INSPECTIONS SHALL BE KEPT BY THE PERSON OR ENTITY AUTHORIZED TO DIRECT THE SWALE CONSTRUCTION ACTIVITIES ON THE SITE AND MADE AVAILABLE UPON REQUEST. PERMANENT BMP: CONSTRUCTION 4. CORRECTIVE ACTION REPORTS MUST BE KEPT BY THE PERSON OR ENTITY AUTHORIZED TO DIRECT THE CONSTRUCTION ACTIVITIES ON THE RIPRAP D50=12" ENTRANCE/EXIT SITE AND MADE AVAILABLE UPON REQUEST. proprietary property of McDonald's USA, LLC and shall not |18" DEPTH OVER 🖟 5. FINAL STABILIZATION AND NOTICE OF TERMINATION (NOT) — IN ACCORDANCE WITH CITY ORDINANCE \\$ 14-5-2-11(C)(1), be copied or reproduced without written authorization. FILTER/DRAINAGE 🕏 SELF-INSPECTIONS MUST CONTINUE UNTIL THE SITE IS 'DETERMINED AS STABILIZED BY THE CITY." THE PROPERTY OWNER/OPERATOR IS The contract documents were prepared for use on this RESPONSIBLE FOR DETERMINING WHEN THE "CONDITIONS FOR TERMINATING CGP COVERAGE" PER CGP PART 8.2 ARE SATISFIED AND THEN specific site in conjunction with its issue date and are FOR FILING THEIR NOTICE OF TERMINATION (NOT) WITH THE EPA. EACH OPERATOR MAY TERMINATE CGP COVERAGE ONLY IF ONE OR ot suitable for use on a different site or at a later time. Use of these drawings for reference or example on MORE OF THE CONDITIONS IN PART 8.2.1, 8.2.2, OR 8.2.3 HAS OCCURRED. AFTER FILING THE NOT WITH THE EPA, THE PROPERTY OWNER IS RESPONSIBLE FOR REQUESTING A DETERMINATION OF STABILIZATION FROM THE CITY. another project requires the services of properly licensed 6. WHEN DOING WORK IN THE CITY RIGHT-OF-WAY (E.G. SIDEWALK, DRIVE PADS, UTILITIES, ETC.) PREVENT DIRT FROM GETTING INTO THE architects and engineers. Reproduction of the contract documents for reuse on another project is not authorized. STREET. IF DIRT IS PRESENT IN THE STREET, THE STREET SHOULD BE SWEPT DAILY OR PRIOR TO A RAIN EVENT OR CONTRACTOR INDUCED WATER EVENT (E.G. CURB CUT OR WATER TEST) . WHEN INSTALLING UTILITIES BEHIND THE CURB, THE EXCAVATED DIRT SHOULD NOT BE PLACED IN THE STREET 8. WHEN CUTTING THE STREET FOR UTILITIES THE DIRT SHALL BE PLACED ON THE UPHILL SIDE OF THE STREET CUT AND THE AREA SWEPT ±2.450 \$ AFTER THE WORK IS COMPLETE. A WATTLE OR MULCH SOCK MAY BE PLACED AT THE TOE OF THE EXCAVATED DIRT PILE IF SITE CONSTRAINTS DO NOT ALLOW PLACING THE EXCAVATED DIRT ON THE UPHILL SIDE OF THE STREET CUT ASSUMING 1.5 FT DETH 9. ESC PLANS MUST SHOW LONGITUDINAL STREET SLOPE AND STREET NAMES. ON STREETS WHERE THE LONGITUDINAL SLOPE IS STEEPER (C3.1 EROSION OT ARFA THAN 2.5%, WATTLES/MULCH SOCKS OR J-HOOD SILT FENCE SHALL BE SHOWN IN THE FRONT YARD SWALE OR ON THE SIDE OF THE CONTROL DETAILS) 43,741 SF± FF: 5164.30 (1.00 AC.±) EROSION CONTROL MAINTENANCE NOTES 45-84 ALL MEASURES STATED ON THIS EROSION AND SEDIMENT CONTROL PLAN, AND IN THE STORM WATER POLLUTION PREVENTION PLAN, SHALI BUILDING BE MAINTAINED IN FULLY FUNCTIONAL CONDITION UNTIL NO LONGER REQUIRED FOR A COMPLETED PHASE OF WORK OR FINAL STABILIZATION OF THE SITE. ALL EROSION AND SEDIMENTATION CONTROL MEASURES SHALL BE CHECKED BY A QUALIFIED PERSON ON A SCHEDULE WHICH ±3,694 S.F. COMPLIES WITH THE GENERAL PERMIT REQUIREMENTS AND CLEANED AND REPAIRED WITHIN 48 HOURS OF THE INSPECTION IN ACCORDANCE BASIS OF BEARING: S89°46'22"E WITH THE FOLLOWING: INLET PROTECTION DEVICES AND BARRIERS SHALL BE REPAIRED OR REPLACED IF THEY SHOW SIGNS OF UNDERMINING, OR . ALL SEEDED AREAS SHALL BE CHECKED REGULARLY TO SEE THAT A GOOD STAND IS MAINTAINED. AREAS SHOULD BE FERTILIZED, WATERED AND RESEEDED AS NEEDED. Environmental Services, LLC 3. SEDIMENT FENCES SHALL BE REPAIRED TO THEIR ORIGINAL CONDITIONS IF DAMAGED. SEDIMENT SHALL BE REMOVED FROM THE SEDIMENT FENCES WHEN IT REACHES ONE-HALF THE HEIGHT OF THE SEDIMENT FENCE. 2999 Olympus Blvd, Suite 165 Dallas, TX 75019 4. THE TEMPORARY PARKING AND STORAGE AREA (IF PRESENT) SHALL BE KEPT IN GOOD CONDITION (SUITABLE FOR PARKING AND — EXISTING 20' PUI SEWER EASEMEN STORAGE). THIS MAY REQUIRE PERIODIC TOP DRESSING OF THE TEMPORARY PARKING AS CONDITIONS DEMAND. T: 817.328.3200 www.langan.con 5. OUTLET STRUCTURES IN THE SEDIMENTATION BASINS OR SEDIMENT TRAPS (IF PRESENT) SHALL BE MAINTAINED IN OPERATIONAL CONDITION AT ALL TIMES. SEDIMENT SHALL BE REMOVED FROM SEDIMENT BASINS OR TRAPS WHEN THE DESIGN CAPACITY HAS BEEN Miles Road, S.E. REDUCED BY 50%. MAINTENANCE PROCEDURES FOR THE EROSION AND SEDIMENTATION CONTROL SYSTEMS SPECIFIED ARE GIVEN IN SECTION 5 OF THE STORM WATER POLLUTION PREVENTION PLAN. McDONALD'S NEW RESTAURANT L/C #030-0274 / NSN 43752 5.06% EROSION CONTROL SEQUENCE 2000 GIBSON BLVD. SE INSTALL SILT FENCE AROUND DISTURBED AREAS AS SHOWN. . INSTALL INLET PROTECTION FOR ALL EXISTING GRATE INLETS, CURB INLETS AND AT THE ENDS OF ALL EXPOSED STORM SEWER PIPES, BENCHMARK **ALBUQUERQUE** IF PRESENT CONSTRUCT TEMPORARY CONSTRUCTION EXIT. 4. INSTALL TEMPORARY DIVERSION BERM AND TEMPORARY SEDIMENT TRAP, AND REMOVE EXISTING CURB. COMMENCE GRUBBING AND REMOVAL OF VEGETATION IN AREA TO RECEIVE CUT OR FILL. 1. A.G.R.S MONUMENT "19 L16" **NEW MEXICO** SAWCUT FULL DEPTH WHERE SHOWN. USE SAWCUT EDGE TO RETAIN SEDIMENT DURING DEMOLITION. STANDARD C.O.A ALUMINUM DISC Drawing Title . COMMENCE DEMOLITION. LOAD DEMOLISHED MATERIAL DIRECTLY TO TRUCKS. (FOUND IN PLACE) . COMMENCE GRADING OPERATION FOR BUILDING PAD PREPARATION (SEE GRADING PLAN). SEDIMENT TRAP NOTE NEW MEXICO STATE PLANE COORDINATES 9. INSTALL ALL UNDERGROUND UTILITIES. 10. FINALIZE PAVEMENT SUBGRADE PREPARATION. REQUIRED STORAGE: 3,600 CF PER 1 ACRES (CENTRAL ZOBE-N.A.D. 1983) **EROSION** 11. INSTALL ALL PROPOSED STORM SEWER PIPES AND INLET PROTECTION SILT FENCES AT ENDS OF EXPOSED PIPES. 3,600 CF/1 ACRES = 3,600 CFN=1,478,691.641 US SURVEY FEET 12. CONSTRUCT ALL GRATE INLETS AND DRAINAGE STRUCTURES. INLET PROTECTION SILT FENCES MAY BE REMOVED TEMPORARILY FOR 2,455 SF ASSUMING 1.5 FT DEPTH SEDIMENT TRAP: E=1,531,755.929 US SURVEY FEET THIS CONSTRUCTION. TOTAL PROVIDED STORAGE: 3,682 CF 13. REMOVE SILT FENCES AROUND INLETS AND MANHOLES NO MORE THAN 48 HOURS PRIOR TO PLACING STABILIZED BASE COURSE. PUBLISHED EL= 5297.506 US SURVEY FT (NAVD 1988) **CONTROL PLAN** 14. INSTALL BASE MATERIAL AS REQUIRED FOR PAVEMENT, CURB AND GUTTER. GROUND TO GRID FACTOR=0.999664048 15. INSTALL ALL PAVING, CURB AND GUTTER. DELTA ALPHA ANGLE=N-12°31'00" 16. REMOVED TEMPORARY DIVERSION BERM AND TEMPORARY SEDIMENT TRAP. ***CAUTION - NOTICE TO CONTRACTOR*** 17. COMPLETE PLANTING AND/OR SEEDING OF VEGETATED AREAS TO ACCOMPLISH STABILIZATION IN ACCORDANCE WITH THE LANDSCAPING 2. A.G.R.S. MONUMENT "24 L16" PLAN. THROUGHOUT THE PROJECT AND THE MAINTENANCE PERIOD FOR TURFGRASS, IT IS THE CONTRACTOR'S RESPONSIBILITY TO ***NOTE TO CONTRACTOR**[;] MAINTAIN THE TOPSOIL IN PLACE AT SPECIFIED GRADES. TOPSOIL AND TURFGRASS LOSSES DUE TO EROSION WILL BE REPLACED BY STANDARD C.O.A METALLIC DISC THE CONTRACTOR UNTIL ESTABLISHMENT AND ACCEPTANCE IS ACHIEVED. (FOUND IN PLACE) THE CONTRACTOR IS SPECIFICALLY CAUTIONED THAT THE LOCATION AND/OR roject No. Drawing No. 18. REMOVE SILT FENCE. ELEVATION OF EXISTING UTILITIES AS SHOWN ON THESE PLANS IS BASED UPON NEW MEXICO STATE PLANE COORDINATES THE CONTRACTOR SHALL NOTE ON SITE PLAN THE LOCATION OF ALL MATERIAL RECORD OF THE VARIOUS UTILITY COMPANIES AND, WHERE POSSIBLE, ACTUAL 520088901 (CENTRAL ZONE-N.A.D. 1983) STORAGE AREAS, EQUIPMENT STORAGE AREAS, PETROLEUM TANKS, SOLID WASTE <u>NOTES</u> MEASUREMENTS TAKEN IN THE FIELD. THE INFORMATION PROVIDED HEREON IS RECEPTACLES, SANITARY FACILITIES, CONCRETE WASHOUT AREAS, ANY ON-SITE N=1.476.869.02 US SURVEY FEET NOT TO BE TAKEN AS EXACT OR FULLY COMPLETE. THE CONTRACTOR MUST OR OFF-SITE BORROW OR STOCKPILE AREA, ANY ON-SITE OR OFF-SITE CALL THE APPROPRIATE UTILITY COMPANY AT LEAST 48 HOURS BEFORE ANY E=1,529,133.22 US SURVEY FEET C3.0MINIMAL BEST MANAGEMENT PRACTICES FOR EROSION CONTROL HAVE BEEN SHOWN ON THIS PLAN. A SWPPP SHALL BE PREPARED SUPPORT ACTIVITIES (SUCH AS ASPHALT OR CONCRETE PLANTS). CONTRACTOR EXCAVATION TO REQUEST EXACT FIELD LOCATION OF ALL EXISTING UTILITIES. IT **JANUARY 2025** PUBLISHED EL= 5191.306 US SURVEY FT (NAVD 1988) FOR MCDONALD'S BY OTHERS AND ADMINISTERED BY OTHERS. LANGAN ENGINEERING RECOGNIZES STATE REQUIREMENTS FOR STORM SHALL ALSO PREPARÈ, KEEP ON SITE, AND MAINTAIN CURRENT A LIST OF SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR TO RELOCATE ALL EXISTING GROUND TO GRID FACTOR=NOT PUBLISHED MATERIALS WITH APPROXIMATE QUANTITIES, WHICH ARE STORED ON SITE. rawn By WATER POLLUTION CONTROL BUT ASSUMES NO RESPONSIBILITY FOR A SWPPP ON THIS PROJECT. UTILITIES WHICH CONFLICT WITH THE PROPOSED IMPROVEMENTS AS SHOWN. ALL BMPS SHALL CONFORM TO THE CITY OF ALBUQUERQUE STANDARDS. DELTA ALPHA ANGLE=NOT PUBLISHED 3. EXISTING SITE IS A PARKING LOT WITH 74% IMPERVIOUS COVER. what's **below.** hecked By

Date: 6/5/2025 Time: 17:19 User: mkayembe Style Table: Langan.stb Layout: C3.0 EROSION CONTROL PLAN Document Code: 520088901-0601-CE001-0101



CURB & GUTTER-CURB & GUTTER-SAND BAGS ¾" − 1½" OPEN GRADED GRAVEL WIRE SCREEN PLACED FILTER (MESH OVER INLET OPENING TO GEOTEXTILE FILTER PREVENT MOVEMENT OF SOCK OPTIONAL) GRAVEL.

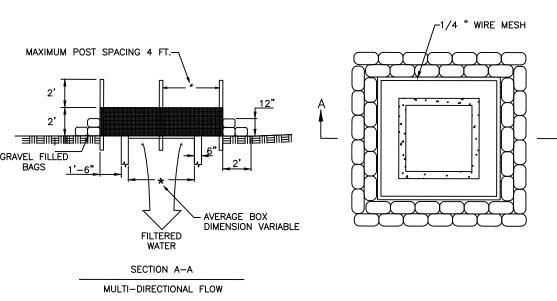
MESH ONLY - NO FILTER FABRIC) FOR QVERFLOW2" WIRE SCREEN - ANCHOR WIRE MESH WITH SAND BAGS **FILTERED** RUNOFF FILTER FABRIC FASTENED TO WIRE SCREEN - 3/4"-1 1/2" OPEN GRADED GRAVEL FILTER

_ NOTE: LEAVE 2" MIN OPENING (WIRE

<u>CROSS SECTION C-C</u>

SEDIMENT REMOVAL SHALL BE PERFORMED CONTINUOUSLY FOR PROPER FUNCTION.

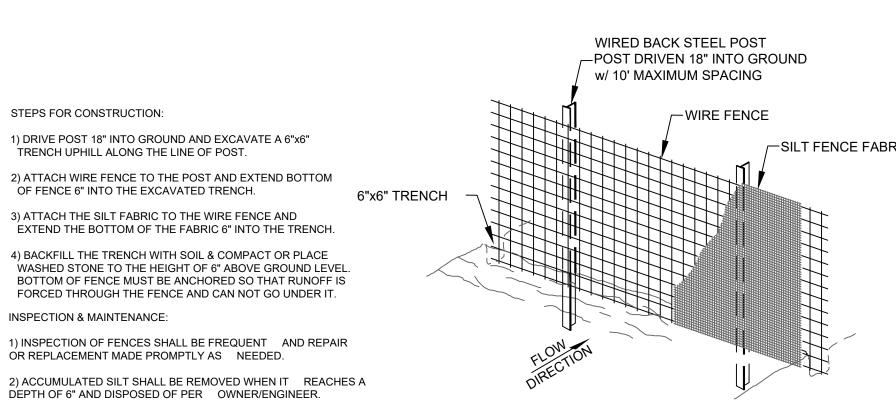




2. WIRE MESH SHALL BE HARDWARE CLOTH 23 GAUGE MIN. AND SHALL HAVE 1/4 INCH MESH 3. TOP OF WIRE MESH SHALL BE A MINIMUM OF ONE FOOT BELOW THE SHOULDER OR ANY DIVERSION POINT. 4. STEEL POST SHALL BE 5 FT. IN HEIGHT, BE INSTALLED 1.5 FT. DEEP MINIMUM, AND BE OF THE SELF-FASTENER ANGLE STEEL TYPE. 5. WOOD POST SHALL BE 6 FT. IN HEIGHT, BE INSTALLED TO 1.5 FT. DEEP MINIMUM, AND BE 3 INCHES IN DIAMETER.

WIRE MESH AND GRAVEL BAG GRATE INLET PROTECTION

CURB INLET PROTECTION

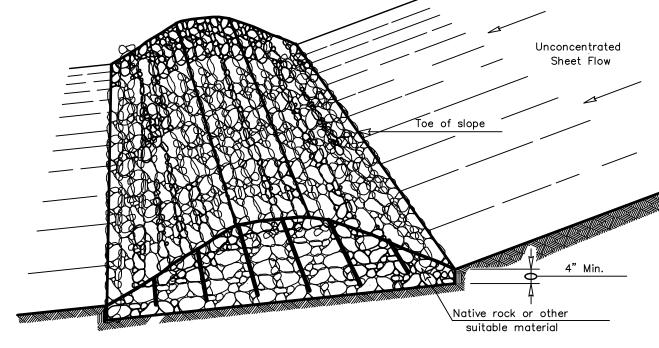


-SILT FENCE FABRIC

EMERGENCY SPILLWAY HIGH FLOW OUTLET-TOP BERM ELEVATION **DESIGN HIGH WATER** (100 YR. WS. EL.) T/BERM ELEV. MINUS 2 FT. 1 MAX. EARTH BERM -OUTFALL DEWATERING OUTLET (PERFORATED RISER SHOWN) CROSS SECTION

TEMPORARY SEDIMENT BASIN DETAIL

N.T.S.



ROCK CHECK DAM

ROCK FILTER DAM SHALL BE SECURED WITH 20 GAUGE GALVANIZED WOVEN WIRE MESH WITH 1" DIAMETER HEXAGONAL OPENINGS. THE AGGREGATE SHALL BE PLACED ON THE MESH TO THE HEIGHT & SLOPES SPECIFIED. THE MESH SHALL BE FOLDED AT THE UPSTREAM SIDE OVER THE AGGREGATE AND TIGHTLY SECURED TO ITSELF ON THE DOWNSTREAM SIDE USING WIRE TIES OR HOG RINGS. IN STREAM USE THE MESH SHOULD BE SECURED OR

STAKED TO THE STREAM BED PRIOR TO AGGREGATE PLACEMENT.

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FLUME OUTLET PROTECTION BLOCK & GRAVEL BAG N.T.S.

SILT FENCE DETAIL

STABILIZED CONSTRUCTION ENTRANCE

STEPS FOR CONSTRUCTION:

INSPECTION & MAINTENANCE:

TRENCH UPHILL ALONG THE LINE OF POST.

OF FENCE 6" INTO THE EXCAVATED TRENCH.

3) ATTACH THE SILT FABRIC TO THE WIRE FENCE AND

OR REPLACEMENT MADE PROMPTLY AS NEEDED.

1. STONE SHALL BE 5 TO 10 INCH DIAMETER CRUSHED ROCK OR ACCEPTABLE CRUSHED PORTLAND CEMENT CONCRETE.

2. LENGTH SHALL BE SHOWN ON PLANS, WITH A MINIMUM LENGTH OF 30 FEET FOR LOTS WHICH ARE LESS THAN 150 FEET FROM EDGE OF PAVEMENT. THE MINIMUM DEPTH IN ALL OTHER CASES SHALL BE 50 FEET.

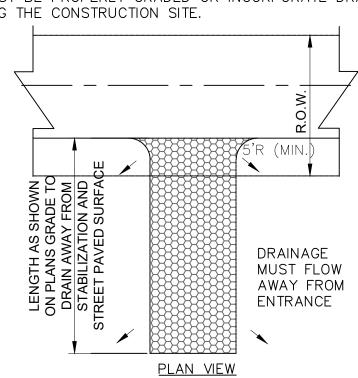
3. THE THICKNESS SHALL NOT BE LESS THAN 8 INCHES.

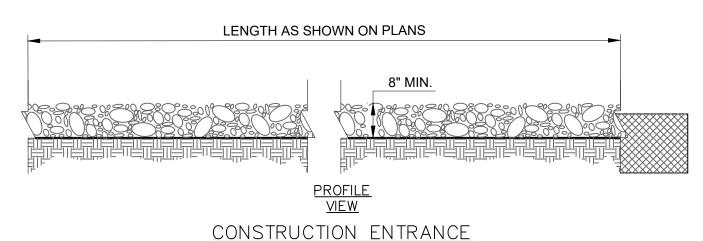
4. THE WIDTH SHALL BE NO LESS THAN THE FULL WIDTH OF ALL POINTS OF INGRESS OR EGRESS.

5. WHEN NECESSARY, VEHICLES SHALL BE CLEANED TO REMOVE SEDIMENT PRIOR TO ENTRANCE ONTO A PUBLIC ROADWAY. WHEN FLASHING IS REQUIRED, IT SHALL BE DONE ON AN AREA STABILIZED WITH CRUSHED STONE WITH DRAINAGE FLOWING AWAY FROM BOTH THE STREET AND THE STABILIZED ENTRANCE. ALL SEDIMENT SHALL BE PREVENTED FROM ENTERING ANY STORM DRAIN, DITCH OR WATERCOURSE USING APPROVED METHODS.

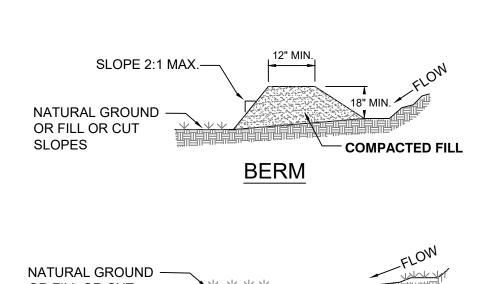
6. THE ENTRANCE SHALL BE MAINTAINED IN A CONDITION WHICH WILL PREVENT TRACKING OR FLOWING OF SEDIMENT ONTO PAVED SURFACES. THIS MAY REQUIRE PERIODIC TOP DRESSING WITH ADDITIONAL STONE AS CONDITIONS DEMAND. ALL SEDIMENT SPILLED, DROPPED, WASHED OR TRACKED ONTO PAVED SURFACES, MUST BE REMOVED IMMEDIATELY.

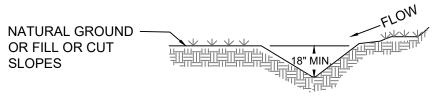
7. THE ENTRANCE MUST BE PROPERLY GRADED OR INCORPORATE DRAINAGE SWALE TO PREVENT RUNOFF FROM LEAVING THE CONSTRUCTION SITE.





Recommended Silt Fence Spacing on Sloping Sites Silty Clays 50 ft. 75 ft. 75 ft. 100 ft. 125 ft. Moderate (4:1) 100 ft. 125 ft. 150 ft. 125 ft. 150 ft. 200 ft. PLAN VIEW I. SPACING REQUIREMENTS DIRECTION OF SURFACE FLOW DIRECTION OF SURFACE FLOW 100' MAX. - CONTOURS SILT FENCE II. SIZING REQUIREMENTS: FENCE AND J-HOOK ARE ONE CONTINUOUS LINE START DOWN-GRADIENT SILT FENCE LINE AS CLOSE AS POSSIBLE TO THE UP-GRADIENT J-HOOK -FOR CATCHMENT FOR CATCHMENT AREA < 0.25 ACRES AREA ≥0.25 ACRES J-hook Placement Details For more information, see the LCRA Water Quality Management Technical Manual For questions or information, call LCRA at (800) 776-5272, ext. 2324 or visit www.lcra.org





DITCH

NATURAL GROUND -OR FILL OR CUT

BERM/DITCH

NOTES:

SLOPES

1. POSITIVE GRADE MUST BE PROVIDED TO ASSURE DRAINAGE. IF SLOPE EXCEEDS 2%, SEED AND MULCH DIVERSION, TRY NOT TO EXCEED 5% (HIGH RUNOFF VELOCITIES RESULT). MAXIMUM DRAINAGE AREA IS 5.00 ACRES WITHOUT SUPPORTING CALCULATIONS FOR PERMANENT CHANNEL. DIVERSIONS AT THE TOPS OF SLOPES MUST EMPTY INTO AN APPROVED SLOPE DRAIN (SEE DETAILS). THE BERM/ DITCH IS THE MOST COMMONLY USED DIVERSION.

2. MACHINE COMPACTION OF ALL FILL IS REQUIRED.

3. DIVERSIONS SUFFICIENT TO DIRECT ALL SEDIMENT-LADEN STORMWATER INTO SEDIMENT CONTROL DEVICE MUST BE INSTALLED PRIOR TO CLEARING AND GRUBBING OF AREA (OR IN CONJUNCTION WITH THIS OPERATION IF SEDIMENT CONTROLS AND DIVERSIONS ARE INSTALLED AT EACH CRITICAL POINT AS INDICATED).

4. DIVERSIONS SHOULD BE LOCATED TO MINIMIZE DAMAGES BY CONSTRUCTION OPERATIONS.

5. DIVERSIONS SHOULD BE SEEDED AND MULCHED IF THEY ARE TO REMAIN IN PLACE OVER 14

6. CHECK DIVERSIONS AFTER EACH RAIN, OR ONCE PER WEEK WHICH EVER IS THE SHORTER DURATION. REPAIR AS NEEDED TO MAINTAIN FUNCTION.

TEMPORARY DIVERSION BERM/DITCH



Description

Revisions

Environmental Services, LLC. 2999 Olympus Blvd, Suite 165 Dallas, TX 75019

T: 817.328.3200

BERNALILLO COUNTY

Drawing Title

Date

McDONALD'S NEW RESTAURANT L/C #030-0274 / NSN 43752 2000 GIBSON BLVD. SE

www.langan.com

NEW MEXICO

ALBUQUERQUE

EROSION CONTROL DETAILS

⊃roject No. Drawing No. 520088901 **C3.**1 **JANUARY 2025** rawn By hecked By