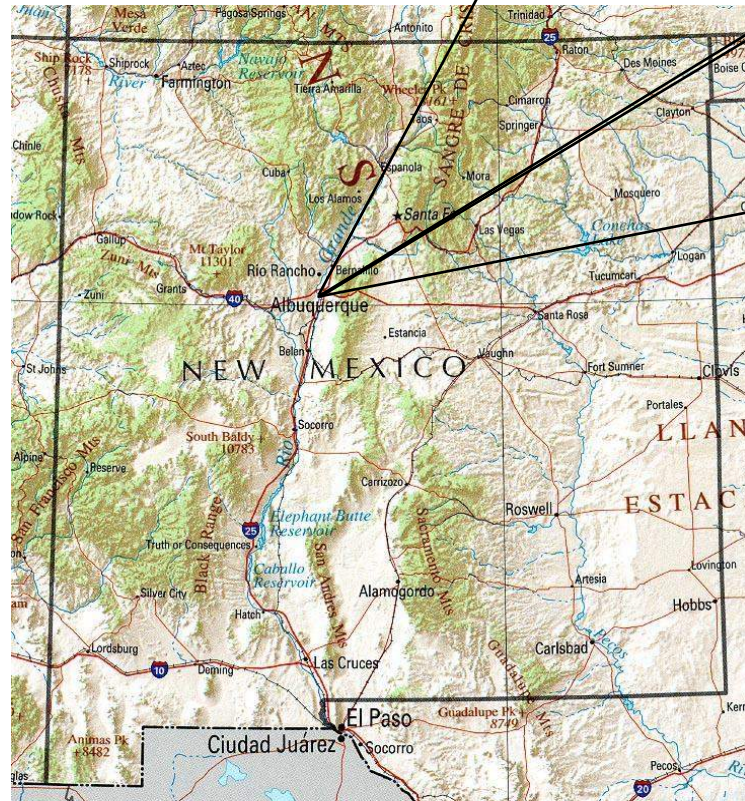
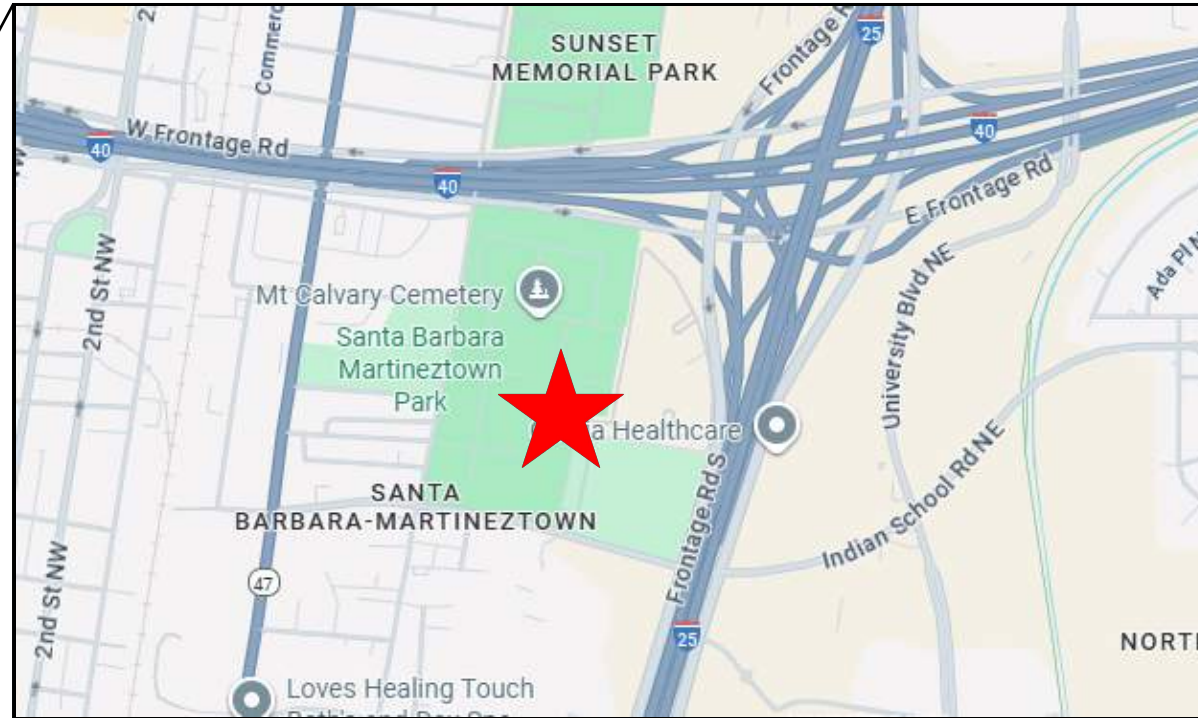


- 1 COVER SHEET
- 2 SWPPP NOTES
- 3 GENERAL NOTES
- 4 BEST MANAGEMENT PRACTICES
- 5 BEST MANAGEMENT PRACTICES
- 6 BEST MANAGEMENT PRACTICES
- 7 BEST MANAGEMENT PRACTICES
- 8 TEMPORARY EROSION & SEDIMENT CONTROL PLAN
- 9 FINAL STABILIZATION
- 10 APPROVED GRADING & DRAINAGE PLAN



- SWPPP
- Stormwater
- Erosion Control
- Reclamation
- Seeding

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FRANKLINS EARTHMOVING, INC.
MT. CALVARY CEMETERY
ALBUQUERQUE, NM

DESIGNED BY:
K. FETTER, P.E.
DRAWN BY:
S. FETTER

SHEET:

1- COVER

[illegible]

PROJECT DETAILS

NPDES ID: NRM1007GM, NMR1007GS

ADDRESS: 1900 EDITH BLVD NE, ALBUQUERQUE, NM 87102

GPS COORDINATES: 35.100470, -106.635651

TOTAL ACREAGE: 2.93

ANTICIPATED DISTURBED ACREAGE: 2.93

FIRST RECEIVING WATER: RIO GRANDE

WATERS WITHIN ONE MILE OF PROJECT: NONE

IMPAIRED/TIERED WATERS: RIO GRANDE

ENDANGERED SPECIES: CRITERION A

SUPPORT ACTIVITIES: SEE SECTION 3.6 OF SWPPP NARRATIVE

SOIL TYPE: SEE NRCS SOIL REPORT PROVIDED IN SWPPP BINDER

TYPE PRE-CONSTRUCTION COVER: EXISTING BURIAL SITES, PAVED ROADWAYS, DIRT LOT

STABILIZATION MEASURES AND DEADLINES: SEE SECTION 6.0 OF SWPPP NARRATIVE

REGULATING AUTHORITY: ENVIRONMENTAL PROTECTION AGENCY (EPA)

OPERATORS

PROPERTY OWNER:
CATHOLIC CEMETERY ASSOCIATION
1900 EDITH BLVD. NE,
ALBUQUERQUE, NM 87102

OWNER CONTACT:
DONNA MARTINEZ
(505) 243-0218
DMARTINEZ@ASFCCA.ORG

GENERAL CONTRACTOR (GC):
FRANKLINS EARTHMOVING, INC.
700 INDUSTRIAL AVE. NE,
ALBUQUERQUE, NM 87107

GC CONTACT:
HOWARD ROSS
(505) 373-4945
HOWARD.ROSS@FEINM.COM

STORMWATER TEAM

SEE SECTION 2.0 OF THE SWPPP NARRATIVE FOR THE PROJECT'S STORMWATER TEAM, RESPONSIBILITIES AND CONTACT INFORMATION

SEQUENCE OF ACTIVITIES

REFER TO THE ANTICIPATED CONSTRUCTION SCHEDULE INCLUDED WITH THE SWPPP BINDER

PHASE I: SITE PREPARATION AND PRE – CONSTRUCTION

- 1.PRIOR TO BEGINNING EARTH DISTURBING ACTIVITIES, THE OPERATOR(S) WILL CLEARLY DEMARCATATE THE LIMITS OF DISTURBANCE WITH STAKES, RIBBONS, CONSTRUCTION FENCING, OR OTHER APPROPRIATE METHOD. THESE DEMARCATIONS SHALL REMAIN VISIBLE FOR THE DURATION OF THE PROJECT.
- 2.THE INITIAL EROSION CONTROL MEASURES SHALL BE INSTALLED PRIOR TO EARTH DISTURBANCE. THE INITIAL CONTROL MEASURES MAY INCLUDE BUT ARE NOT LIMITED TO:
- a.PERIMETER CONTROLS (E.G., SILT FENCE, WATTLES, CONSTRUCTION FENCE)
 - b.VEHICLE TRACKING PAD IF THE SITE ENTERS/EXITS ONTO A PAVED PUBLIC ROADWAY
 - c.NPDES NOTIFICATION POSTING
 - d.DESIGNATED STAGING AREA
 - e.ANCHORED SANILETS
 - f.DUMPSTERS

PHASE II: CONSTRUCTION ACTIVITIES

- 1.THE OPERATORS WILL MINIMIZE THE AREA DISTURBED AS MUCH AS FEASIBLY POSSIBLE.
- 2.ANY DISTURBED AREA IN WHICH CONSTRUCTION ACTIVITIES HAVE TEMPORARILY CEASED SHALL TEMPORARILY STABILIZED USING THE METHODS DESCRIBED IN SECTION 6.4 OF THE SWPPP NARRATIVE. SECTION 6.3 OF THE SWPPP NARRATIVE PROVIDES THE TEMPORARY STABILIZATION DEADLINES.
- 3.THE LOCATION OF SOME BMPS MAY REQUIRE ALTERATION IF DRAINAGE PATTERNS CHANGE DURING CONSTRUCTION. THE OPERATORS SHALL INSTALL ADDITIONAL BMPS OR UPGRADE BMPS IF NECESSARY.
- 4.IF CONCRETE IS USED ONSITE AND CONCRETE TRUCKS ARE UNABLE TO WASHOUT OFFSITE, THE OPERATORS WILL PROVIDE ONE OR MORE DESIGNATED CONCRETE WASHOUT AREAS. THE CONCRETE WASHOUTS MUST BE INSTALLED PRIOR TO CONCRETE USE ONSITE AND REMOVED ONLY AFTER CONCRETE WORK IS COMPLETE.

PHASE III: FINAL STABILIZATION AND CONSTRUCTION COMPLETION

- 1.IF APPLICABLE, REVEGETATION OR LANDSCAPING SHALL BE INITIATED IMMEDIATELY UPON KNOWING WORK IN A DISTURBED AREA HAS PERMANENTLY STOPPED AND THE AREA IS NOT COVERED BY PERMANENT STRUCTURES, UNLESS INFEASIBLE. SECTION 6.5 OF THE SWPPP NARRATIVE DISCUSSES PERMANENT STABILIZATION AND ASSOCIATED DEADLINES.
- 2.THE OPERATORS SHALL REMOVE TEMPORARY BMPS ONLY AFTER FINAL STABILIZATION IS COMPLETE.



					DATE
					REVISION ITEM
					#

FRANKLINS EARTHMOVING, INC.
MT CALVARY CEMETERY
SWPPP NOTES

DESIGNED BY:
K. FETTER, P.E.
DRAWN BY:
S. FETTER

SHEET:
2 - SWPPP
NOTES

GENERAL NOTES

THE NPDES COMPLIANCE SWPPP DRAWING AND ASSOCIATED DOCUMENTATION IS AND SHALL BE CONSIDERED A LIVING DOCUMENT ALLOWING FOR MODIFICATIONS AS SITE CONDITIONS CHANGE OR DICTATE.

ALL SITE FEATURES (EXISTING/PROPOSED GRADES, EXISTING CONSTRUCTION, FUTURE CONSTRUCTION, ETC.) SHOWN IS PER INFORMATION FROM OTHERS.

MINIMUM REQUIREMENTS TO FURTHER DEVELOP OR MODIFY THIS STORMWATER POLLUTION PREVENTION PLAN (SWPPP) DRAWING SHALL BE BASED ON THE CURRENT EDITION OF THE NEW MEXICO STATE HIGHWAY AND TRANSPORTATION DEPARTMENT (NMSHTD), NPDES LAW AND CITY OF ALBUQUERQUE ORDINANCE § 14-5-2-11.

ALL OPERATORS SHALL SUBMIT A NOTICE OF INTENT (NOI). THE NOI SHALL BE ACTIVE AND POSTED ON THE EPA'S WEBSITE PRIOR TO COMMENCING EARTH DISTURBING ACTIVITIES.

LOCATE TEMPORARY WASHOUT, ANCHORED TOILETS, CONSTRUCTION ENTRANCE AND PARKING, STAGING, REFUELING, TRASH CONTAINMENT AREA TO MINIMIZE SITE DISTURBANCE DURING CONSTRUCTION ACTIVITY.

THE OPERATOR IS REQUIRED TO REGULARLY PERFORM STREET SWEEPING AND CLEAN - UP MEASURES IN THE EVENT OF SEDIMENT TRACK - OUT.

THE FOLLOWING ARE STANDARD EROSION CONTROL REQUIREMENTS PER THE CITY OF ALBUQUERQUE STORMWATER QUALITY DEPARTMENT (JUNE 16, 2023):

ALL EROSION AND SEDIMENT CONTROL (ESC) WORK ON THESE PLANS, EXCEPT AS OTHERWISE STATED OR PROVIDED HEREON SHALL BE PERMITTED, CONSTRUCTED, INSPECTED, AND MAINTAINED IN ACCORDANCE WITH:

THE CITY ORDINANCE § 14-5-2-11, THE ESC ORDINANCE;
THE EPA'S 2022 CONSTRUCTION GENERAL PERMIT (CGP); AND
THE CITY OF ALBUQUERQUE CONSTRUCTION BMP MANUAL

ALL BEST MANAGEMENT PRACTICES (BMPs) MUST BE INSTALLED PRIOR TO BEGINNING ANY EARTH MOVING ACTIVITIES EXCEPT AS SPECIFIED HEREON IN THE PHASING PLAN. CONSTRUCTION OF EARTHEN BMPs 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 BMPs AND PRIOR TO BEGINNING CONSTRUCTION.

SEE SECTION 3.5 OF THE SWPPP NARRATIVE OR THE CONTRACTOR'S SCHEDULE FOR BMP SCHEDULING OR PHASING.

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 STABILIZED BY THE CITY. REPORTS OF THESE INSPECTIONS SHALL BE KEPT BY THE PERSON OR ENTITY AUTHORIZED TO DIRECT THE CONSTRUCTION ACTIVITIES ON THE SITE AND MADE AVAILABLE UPON REQUEST.

CORRECTIVE ACTION REPORTS MUST BE KEPT BY THE PERSON OR ENTITY AUTHORIZED TO DIRECT THE CONSTRUCTION ACTIVITIES ON THE SITE AND MADE AVAILABLE UPON REQUEST.

FINAL STABILIZATION AND NOTICE OF TERMINATION (NOT) - IN ACCORDANCE WITH CITY ORDINANCE § 14-5-2-11(C)(1), SELF-INSPECTIONS MUST CONTINUE UNTIL THE SITE IS "DETERMINE AS STABILIZED BY THE CITY". THE PROPERTY OWNER/OPERATOR IS RESPONSIBLE FOR DETERMINING WHEN THE "CONDITIONS FOR TERMINATION CGP COVERAGE" PER CGP PART 8.2 ARE SATISFIED AND THE FOR FILING THEIR NOT WITH THE EPA. EACH OPERATOR MAY TERMINATE GCP COVERAGE ONLY IF ONE OR 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.

WHEN DOING WORK IN THE CITY RIGHT-OF-WAY (E.G., SIDEWALK, DRIVE PADS, UTILITIES, ETC.) PREVENT SEDIMENT FROM ENTERING THE STREET. IF SEDIMENT IS PRESENT IN THE STREET, THE STREET SHOULD BE SWEEP DAILY OR PRIOR TO A RAIN EVENT OR CONTRACTOR INDUCED WATER EVENT (E.G. CURB CUT OR WATER TEST).

WHEN CUTTING THE STREET FOR UTILITIES, THE SEDIMENT SHALL BE PLACED ON THE UPHILL SIDE OF THE STREET CUT AND THE AREA SWEEP AFTER 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.

EROSION AND SEDIMENT CONTROL (ESC) PLANS MUST SHOW LONGITUDINAL STREET SLOPE AND STREET NAMES. ON STREETS WHERE THE LONGITUDINAL SLOPE IS STEEPER THAN 2.5%, WATTLES OR MULCH SOCKS OR J-HOOKED SILT FENCE SHALL BE SHOWN IN THE FRONT YARD SWALE OR ON THE SIDE OF THE STREET.



					DATE
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MT CALVARY CEMETERY
SWPPP NOTES

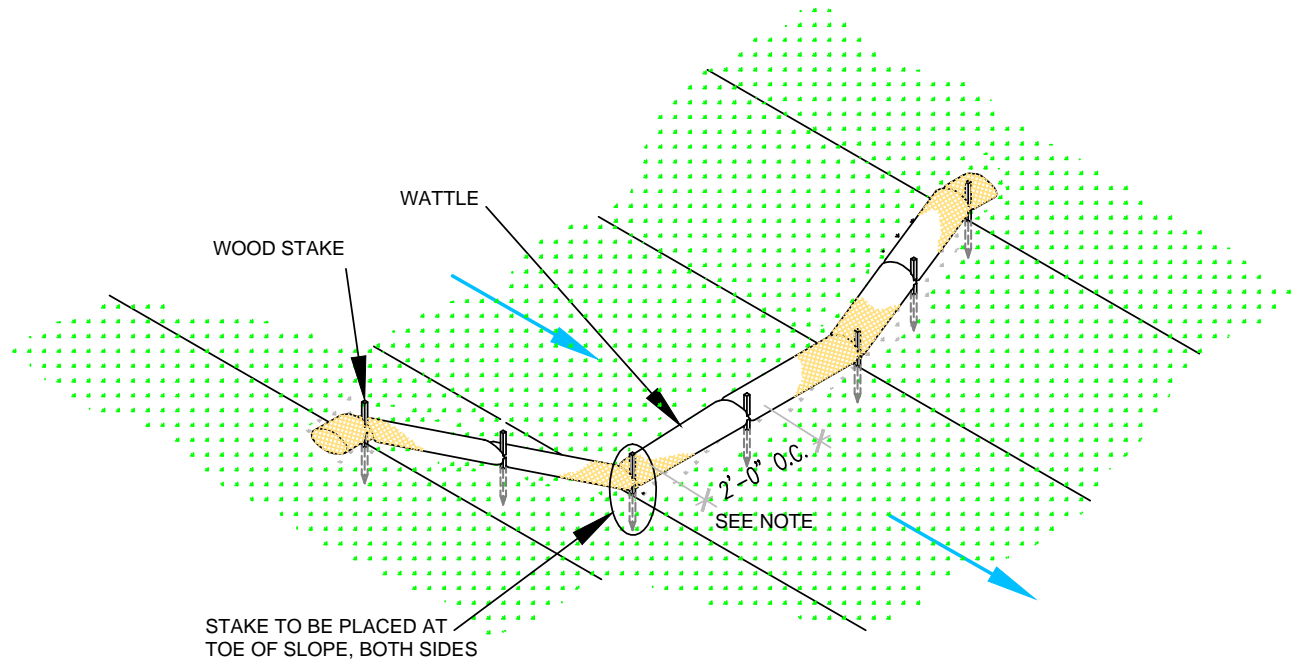




SWPPP
Stormwater
Erosion Control
Reclamation
Seeding

DESIGNED BY:
K. FETTER, P.E.
DRAWN BY:
S. FETTER

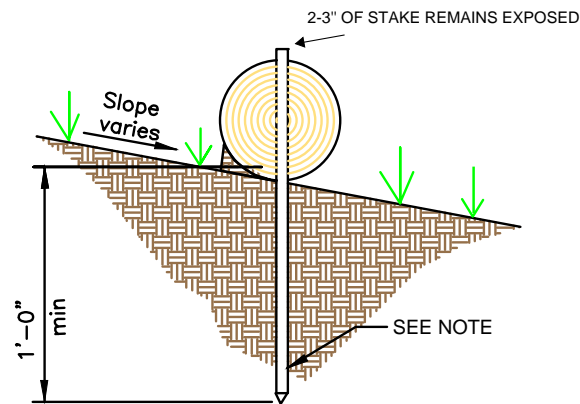
SHEET:
3 - GENERAL
NOTES



WATTLE WITHOUT BLANKET

NTS

2' FOR DRAWING ONLY. 8' MAX
SPACING BETWEEN STAKES



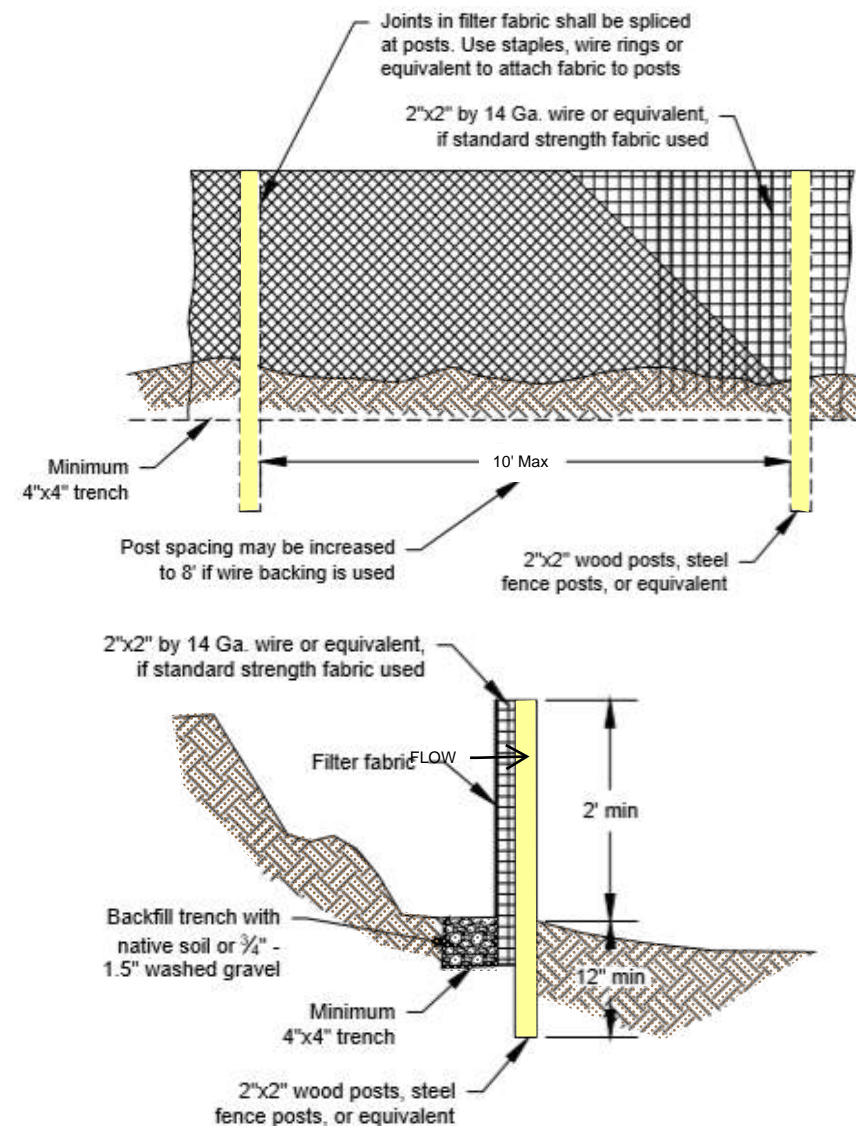
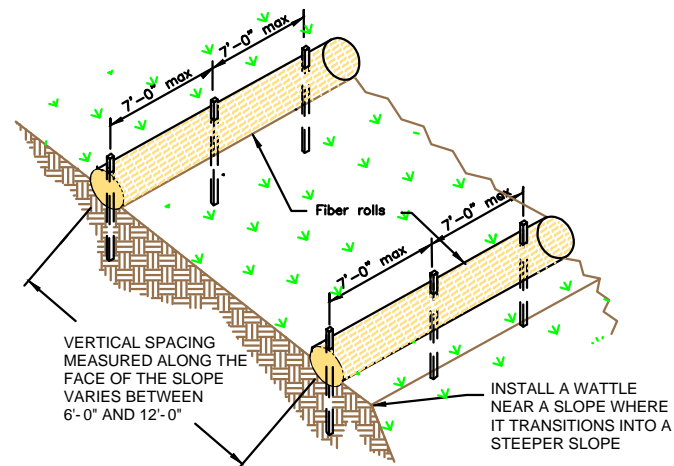
WATTLE

NTS

SECURE WATTLE WITH 18-24" STAKES EVERY 3-4' AND STAKES ON EACH END OF THE WATTLE.

DRIVE STAKES PERPENDICULAR TO THE SLOPE FACE AND THROUGH THE MIDDLE OF THE WATTLE LEAVING AT LEAST 2-3" OF THE STAKE ABOVE THE WATTLE.

VERTICAL SPACING DEPENDENT ON SLOPE GRADIENT.



SILT FENCE

NTS

SILT FENCE IS TO BE PLACED PERPENDICULAR TO THE SLOPE OF THE SITE.

DIG A 4"X4" MINIMUM TRENCH UPSTREAM OF THE SILT FENCE. DRIVE STAKES AT LEAST 1' DEEP ON THE DOWNSTREAM EDGE.

RUN THE SILT FENCE ON THE INSIDE OF THE STAKES AND SECURE WITH HOG RINGS, WIRE, ZIP TIES OR STAPLES.

IF ONE CONTINUOUS PIECE OF FABRIC IS NOT AVAILABLE, OVERLAP THE FABRIC AT LEAST THE WIDTH OF THE STAKE AND SECURE WITH HOG RINGS, WIRE, ZIP TIES OR STAPLES.

COVER TRENCH WITH BACKFILLED COMPACTED SOIL, GRAVEL OR ROCK.



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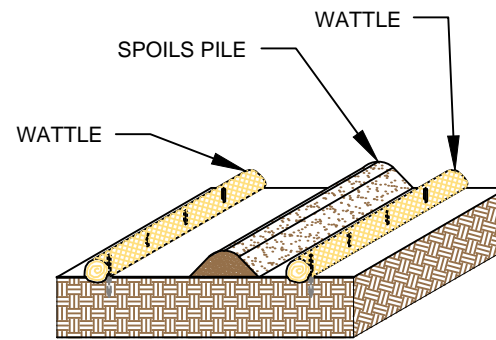
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				REVISION ITEM
				#

FRANKLINS EARTHMOVING, INC.
MT CALVARY CEMETERY
BMP DETAILS

DESIGNED BY:
K. FETTER, P.E.
DRAWN BY:
S. FETTER

SHEET:

4



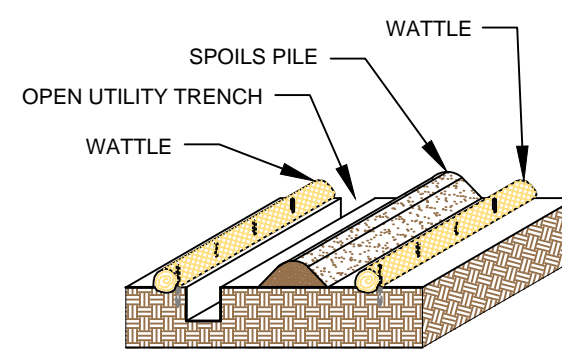
SPOILS PILE PROTECTION

PLACE WATTLES IN FUTURE LOCATIONS OF SPOILS STOCKPILES PRIOR TO CONSTRUCTION.

PLACE WATTLES CONTINUOUSLY ALONG THE EXTENT OF THE SPOILS STOCKPILE.

ANCHOR THE WATTLES USING A MINIMUM OF 1" X 2" X 18" WOODEN STAKES OR SAND BAGS.

ONCE/IF THE SPOILS STOCKPILE IS DEPLETED OR MOVED, REMOVE THE WATTLES AND REUSE THEM IN THE NEXT LOCATION.



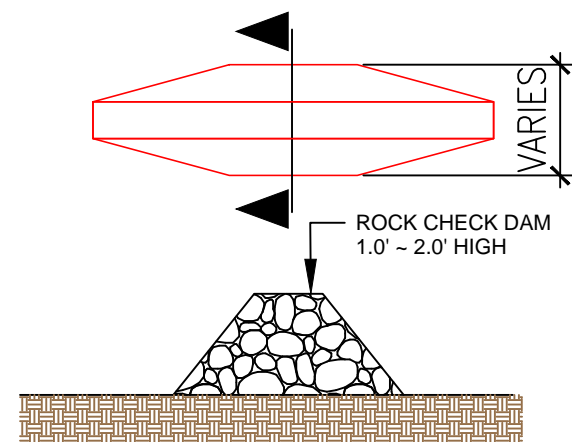
OPEN TRENCH SPOILS PILE PROTECTION

PLACE WATTLES CONTINUOUSLY ALONG THE EXTENT OF THE UTILITY TRENCH AND FUTURE LOCATION OF THE SPOILS STOCKPILE PRIOR TO EXCAVATION OF THE UTILITY.

WATTLES ARE TO REMAIN ANCHORED IN PLACE UNTIL THE UTILITY TRENCH IS BACKFILLED.

ANCHOR THE WATTLES USING A MINIMUM 1"X2"X18" WOODEN STAKE OR SANDBAGS.

ONCE THE TRANCH IS BACKFILLED, WATTLES MAY BE REMOVED AND REUSED IN THE NEXT SECTION OF EXCAVATION PROVIDED THEY ARE IN GOOD CONDITION.

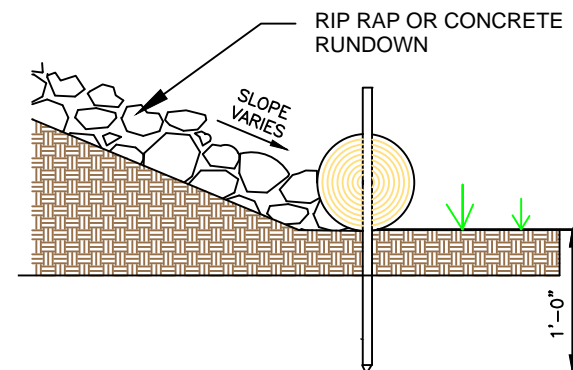


ROCK CHECK DAM

PLACE CHECK DAMS AT REGULARLY SPACED INTERVALS ALONG SWALE OR DRAINAGE DITCH.

HEIGHTS SHOULD ALLOW FOR POOLS TO DEVELOP UPSTREAM OF EACH CHECK DAM.

IF MULTIPLE DAMS ARE USED, THE TOP OF THE LOWER DAM SHOULD BE THE SAME HEIGHT AS THE ELEVATION AS THE TOE OF THE UPPER DAM.



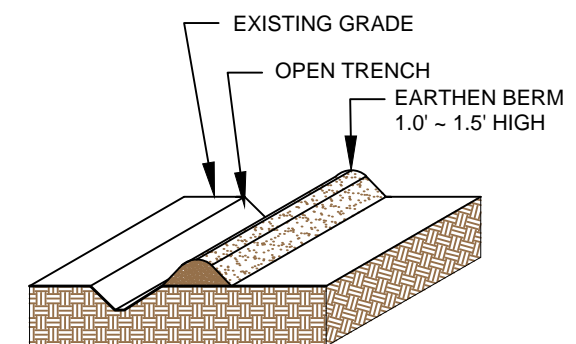
RUNDOWN DETAIL

8' MAX SPACING BETWEEN STAKES

PLACE WATTLES AT THE TOE OF SLOPE. THE RIP RAP OR CONCRETE RUNDOWN SHOULD ABUT THE WATTLE.

ANCHOR THE WATTLES WITH WOODEN STAKES. DRIVE THE STAKE A MINIMUM OF 12" INTO THE MIDDLE OF THE WATTLE AND SOIL UNDERNEATH.

2-3" OF THE WOODEN STAKE SHOULD BE PRESENT ABOVE THE WATTLE.



EARTHEN BERM

CONSTRUCT AN EARTHEN BERM DOWN HILL OF THE AREA TO BE CONTROLLED.

BERM SHOULD BE A MINIMUM 12" HIGH AND 12" WIDE.

USE EQUIPMENT TO COMPACT EARTHEN BERM BY ROLLING OVER BERM TO MINIMIZE SPREAD.



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FRANKLINS EARTHMOVING, INC.
MT CALVARY CEMETERY
BMP DETAILS

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K. FETTER, P.E.
DRAWN BY:
S. FETTER

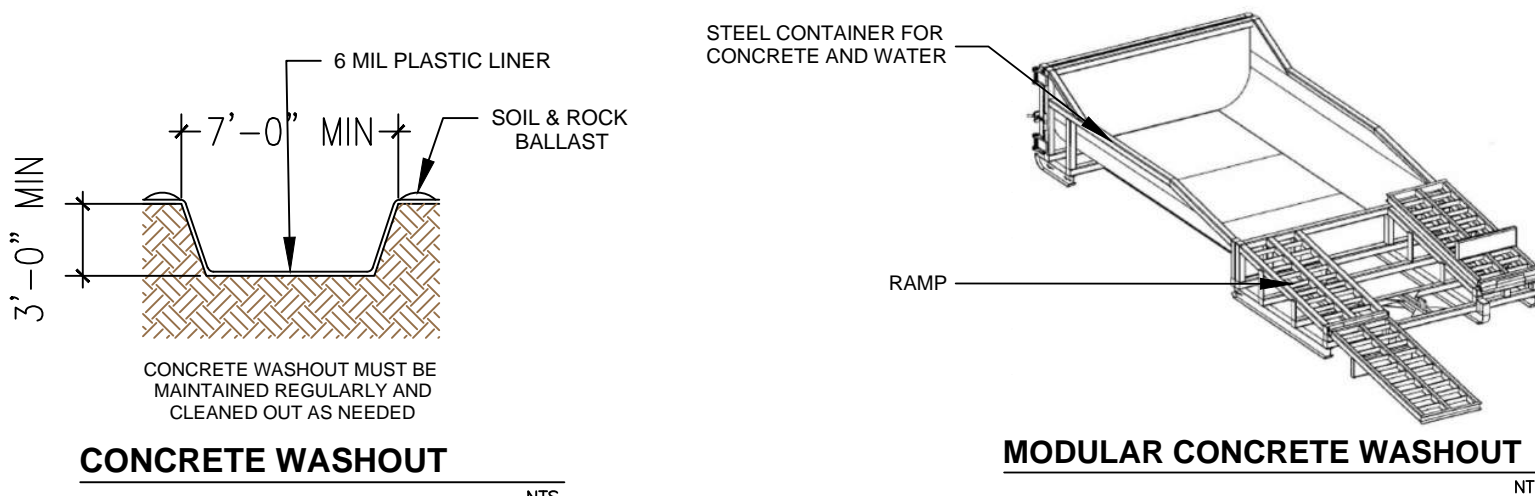
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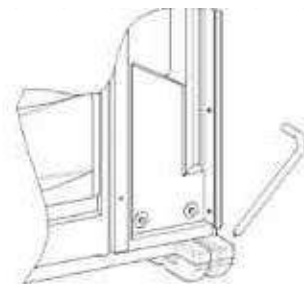


LOCATE WASHOUT AT LEAST 50 FT FROM STORMDRAINS, OPEN DITCHES, WATER BODIES OR PROJECT PERIMETER. A SIGN SHOULD BE INSTALLED ADJACENTLY TO THE WASHOUT.

WASH OUT WASTE INTO THE WASHOUT WHERE THE CONCRETE CAN SET, BE BROKEN UP AND DISPOSED OF CORRECTLY.

DO NOT CREATE RUNOFF BY DRAINING WATER TO BERMED AREA OR BY COLLECTING THE WATER WASTE WHEN WASHING CONCRETE TO REMOVE PARTICLES AND EXPOSE THE AGGREGATE.

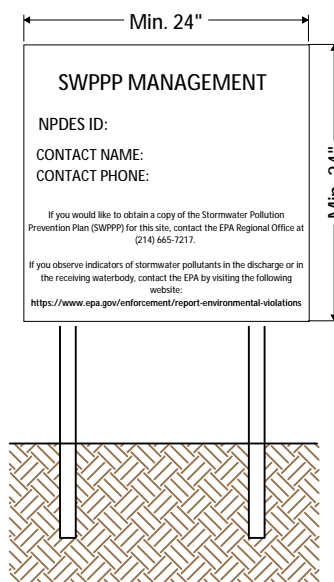
DO NOT WASH SWEEPINGS FROM EXPOSED AGGREGATE CONCRETE INTO THE STREET, STORMDRAIN SYSTEMS OR OFF THE PROJECT SITE.



PORTABLE TOILET STAKING

PLACE THE PORTABLE TOILET ON LEVEL GROUND. A FLAT
PAVED SURFACE IS BEST IF AVAILABLE.

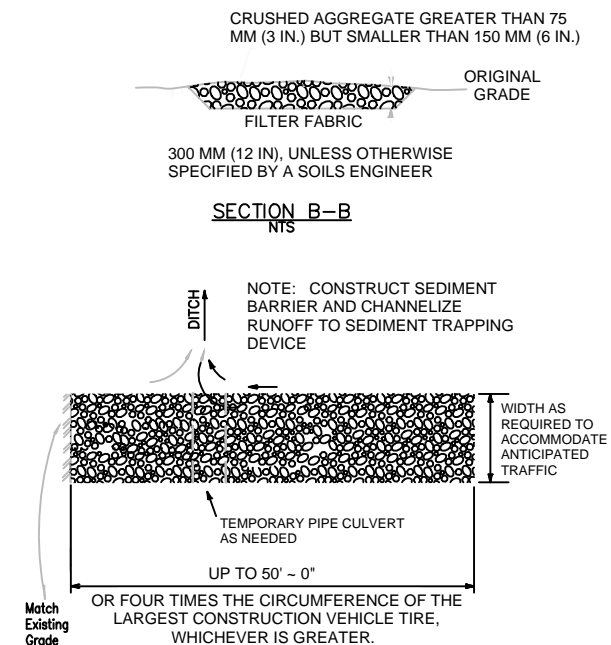
DRIVE THE STAKES OVER THE SKIDS OF THE PORTABLE
TOILET, AROUND ALL SIDES.



NPDES Permit must be positioned at the most active part of the project where it can be viewed by the public (e.g. project entrance).

NPDES POSTING BOARD

NTS



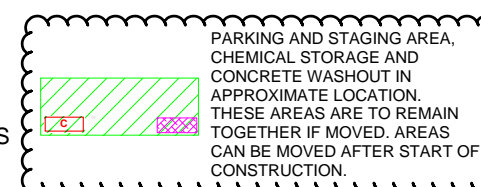
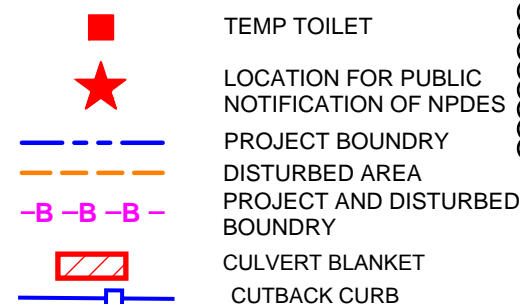
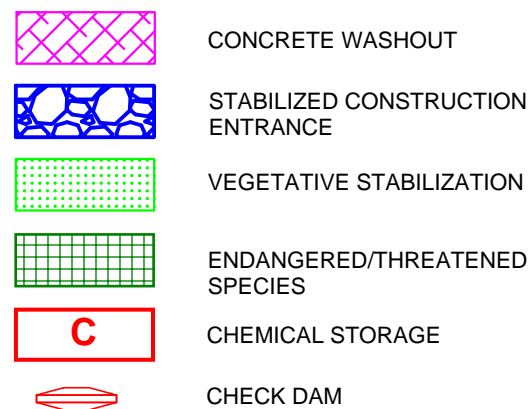
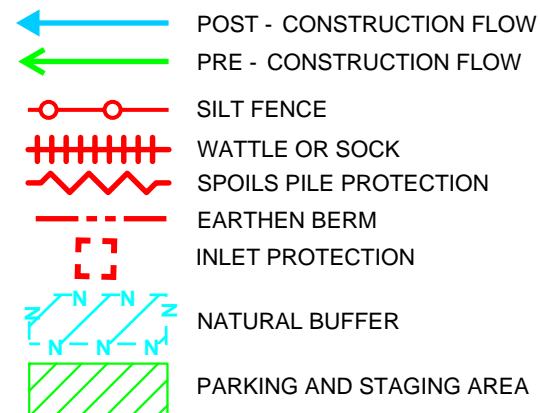
STABILIZED CONSTRUCTION
ENTRANCE NTS

CONSTRUCT THE ENTRANCE ON A LEVEL SURFACE WHERE AN UNPAVED ROAD MEETS A PAVED ROAD. TYPICALLY AT PROJECTS ACCESS AREA.

GRADE THE ENTRANCE TOWARD THE CONSTRUCTION SITE TO PREVENT RUNOFF.

INSPECT THE ENTRANCE TO KEEP TRASH AND DEBRIS OUT OF THE WAY.

AFTER PRECIPITATION EVENTS, INSPECT THE ENTRANCE FOR ANY REPAIRS THAT MAY BE NEEDED.



DRAWING KEY



- SWPPP
- Stormwater
- Erosion Control
- Reclamation
- Seeding

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FRANKLINS EARTHMOVING, INC.
MT CALVARY CEMETERY
BMP DETAILS

DESIGNED BY:
K. FETTER, P.E.
DRAWN BY:
S. FETTER

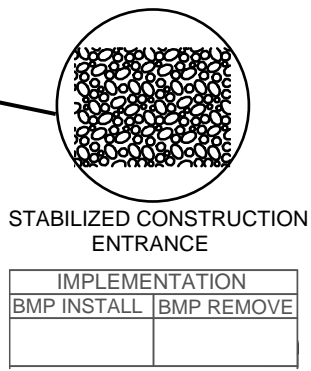
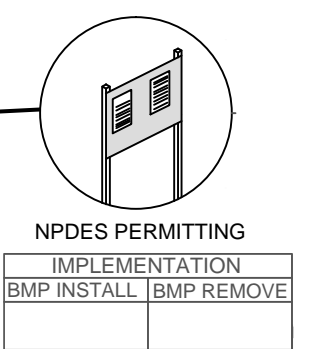
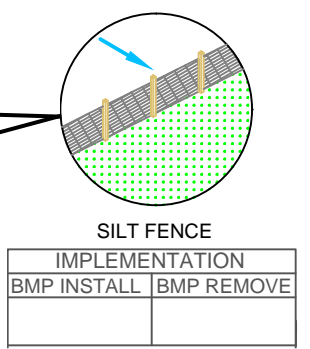
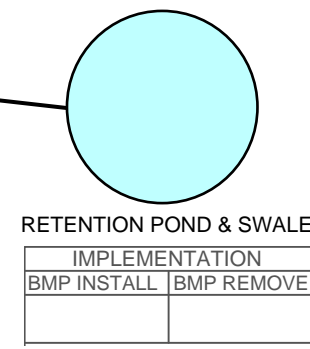
SHEET:

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STORMWATER PONDS:

INSTALL STORMWATER PONDS IMMEDIATELY AFTER THE ASPHALT PAVEMENT IS REMOVED. THE PONDS WILL OPERATE AS SEDIMENT TRAPS DURING CONSTRUCTION.



#	REVISION ITEM	DATE	

FRANKLINS EARTHMOVING, INC.
MT CALVARY CEMETERY
TESCP

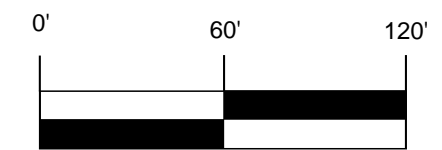
DESIGNED BY:
K. FETTER, P.E.
DRAWN BY:
S. FETTER

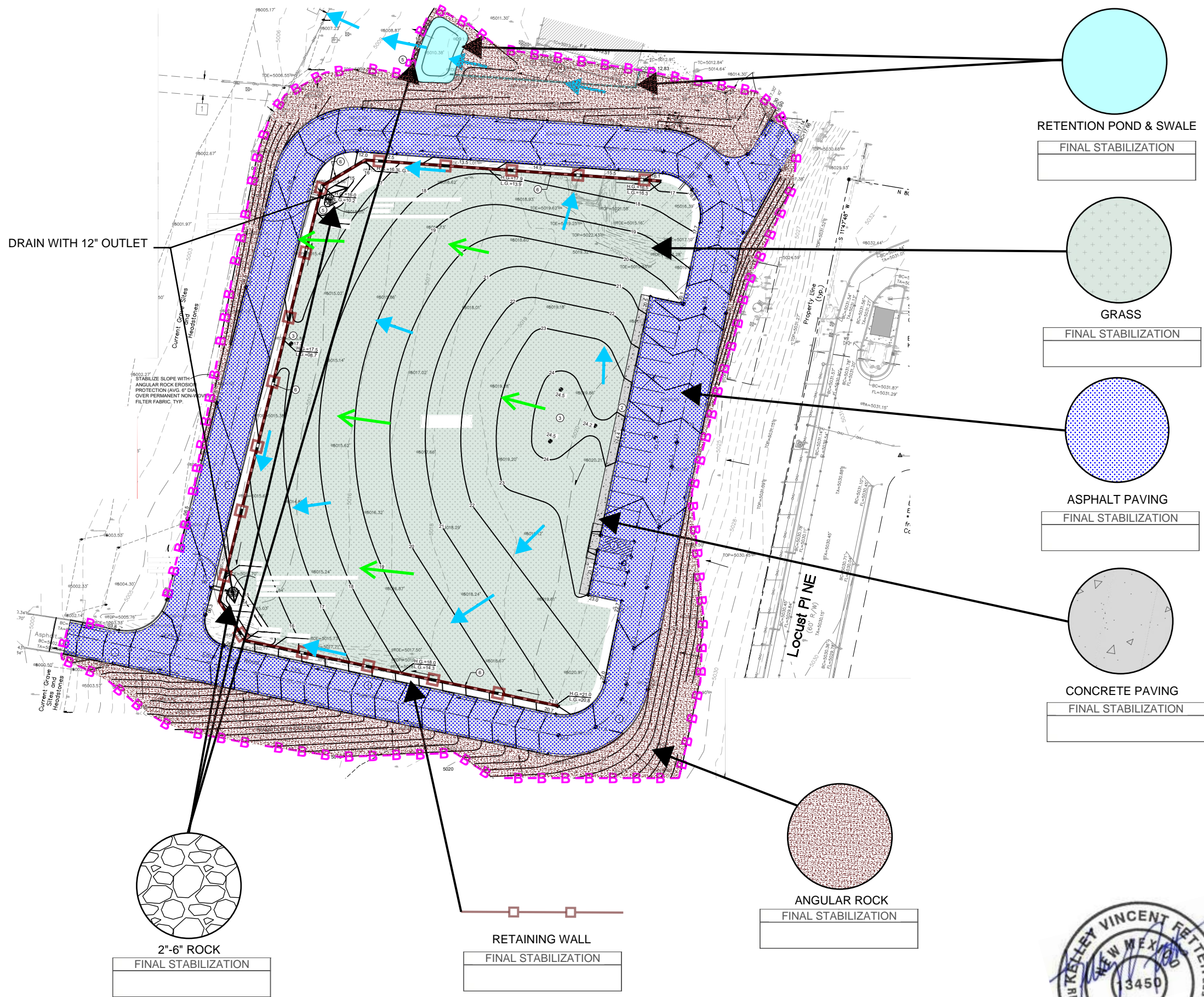
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FRANKLINS EARTHMOVING, INC.
MT CALVARY CEMETERY
FINAL STABILIZATION

DESIGNED BY:
K. FETTER, P.E.
DRAWN BY:
S. FETTER

SHEET:
9

DATE

REVISION ITEM

#

CALCULATIONS: Mt. Calvary Cemetery : 4/28/2025

Based on Drainage Design Criteria for City of Albuquerque

Article 6-2 Hydrology dated June 26, 2020

100-YEAR, 6-HOUR STORM

AREA OF SITE: 61855 SF = 1.42 ACRE

HISTORIC FLOWS:

	SF	%
Area A	0	0%
Area B	0	0%
Area C	61855	100%
Area D	0	0%
Total	61855	100%

DEVELOPED FLOWS:

	SF	%	EXCESS PRECIP:
Area A	0	0%	Ea = 0.62
Area B	2690	48%	Eb = 0.80
Area C	0	0%	Ec = 1.03
Area D	32165	52%	Ed = 2.33
Total	61855	100%	Et = 2.33

On-Site Weighted Excess Precipitation (100-Year, 6-Hour Storm)

Weighted E = $\frac{EaA + EbB + EcC + EdD}{Aa + Ab + Ac + Ad}$

Hist. E = 1.03 in. Dev. E = 1.60 in.

On-Site Volume of Runoff: V360 = $\frac{E^3 A}{12}$

Hist. V360 = 5309 CF Dev. V360 = 8225 CF

On-Site Peak Discharge Rate: Qp = QpAa + QpAb + QpAc + QpAd / 43.56

For Precipitation Zone 2

Qpa = 1.71 Qpb = 3.05

Qpc = 2.36 Qpd = 4.34

Hist. Qp = 4.3 CFS Dev. Qp = 4.8 CFS

STORMWATER PONDING IS NOT PROVIDED FOR THIS DEVELOPMENT DUE TO LIMITED SPACE NEEDED FOR EXISTING, PROPOSED, AND FUTURE BURIAL SITES. THE MAJORITY OF THE PROPERTY (80%) IS GRASS / UNPAVED. STORMWATER QUALITY PAYMENT IN LIEU THAT WOULD BE OTHERWISE OWED IS WAIVED FOR NEW DEVELOPMENT OR REDEVELOPMENT WITHIN CITY LIMITS AS OF 1959.

LEGEND

5478.21

EXISTING CONTOUR

5478.21

EXISTING SPOT ELEVATION

77

PROPOSED 1.0' CONTOUR

77.0

PROPOSED SPOT ELEVATION

FLOW DIRECTION

City of Albuquerque

Planning Department

Development Review Services

HYDROLOGY SECTION

APPROVED

5/5/2025

DATE:

BY:

Hydrologist:

H15D051

THE APPROVAL OF THESE PLANS/REPORTS SHALL NOT BE CONSIDERED TO

PLACED VIOLATIONS OF ANY CITY ORDINANCE OR STATE LAW, AND

SHALL NOT PREVENT THE CITY OF ALBUQUERQUE FROM SEEKING

CORRECTIONS FOR ERRORS OR IMPROVEMENTS IN PLANS, SPECIFICATIONS, OR

CONSTRUCTION DOCUMENTS, SUCH AS APPROVALS, AND/OR REVISIONS

NOT BE CHARGED, MODIFIED OR ALTERED WITHOUT AUTHORIZATION.

THE APPROVAL OF THESE PLANS/REPORTS SHALL EXPIRE THREE

YEARS AFTER THE APPROVAL DATE IF NO BUILDING PERMIT HAS BEEN

FILED ON THE DEVELOPMENT.

C.O.A. VICINITY MAP

FLOOD MAP

PROJECT INFORMATION

PROPERTY: THE PROPERTY IS A PREVIOUSLY UNDEVELOPED COMMERCIAL PROPERTY BOUNDED ON THE NORTH BY MT CALVARY CEMETERY, TO THE EAST BY LOCUST PL, TO THE SOUTH BY ODELLA RD NE, AND TO THE WEST BY EDITH BLVD NE.

PROPOSED IMPROVEMENTS: THE PROPOSED IMPROVEMENTS INCLUDE CONSTRUCTION OF A NEW BURIAL AREA WITH ASSOCIATED PARKING & PAVING.

LOT SIZE: 1.42 ACRES ±

LEGAL: A PORTION OF TRACT A-1 PLAT OF TRACT A-1 MT. CALVARY/SANTA BARBARA CEMETERY.

BENCHMARK: VERTICAL DATUM SHOWN HEREON WAS BASED UPON ALBUQUERQUE CONTROL SURVEY MONUMENT "9-J15" HAVING AN ELEVATION OF 5093.057.

FLOOD HAZARD: PER BERNALILLO COUNTY FIRM MAP #35001C0332G DATED 9/26/2008, THE SITE IS LOCATED WITHIN ZONE "X", DEFINED AS AREAS DETERMINED TO BE OUTSIDE THE 500-YEAR FLOODPLAIN.

SURVEYOR: BRIAN J. MARTINEZ, CSI-CARTESIAN SURVEYS INC. P.O BOX 44414 RIO RANCHO, NEW MEXICO 87174

DRAINAGE PLAN CONCEPT: SITE WILL BE RAISED/REGRADED USING STOCKPILED FILL. CEMETERY GRASS STORMWATER WILL BE ROUTED TO COLLECTION BASINS AND RELEASED TO ACCESS ROADS TO FOLLOW HISTORIC FLOWPATHS. RATIONAL METHOD CALCULATIONS SHOW AN INCREASE OF 0.5 CFS.

KEYED NOTES

1. NEW PAVING AT ELEVATIONS SHOWN. SEE PAVING PLAN FOR MATERIAL, EXTENTS, JOINTS AND PAVING SECTIONS.

2. ADA COMPLIANT PARKING SPACES AND ACCESS AISLES (2% MAX. SLOPE IN ANY DIRECTION), ACCESS RAMPS (MAX. 8.3% SLOPE, MAX. 2% CROSS-SLOPE), AND PEDESTRIAN WALK (MAX. 5% SLOPE, MAX. 2% CROSS-SLOPE).

3. HIGH POINT / GRADE BREAK LOCATION.

4. RELOCATE EXISTING STORM DRAIN PIPE AND GRADED SWALE TO DISCHARGE TO NEW 12" DEEP SEDIMENT BASIN AT ELEVATIONS SHOWN. PROVIDE ANGULAR ROCK EROSION PROTECTION AT OVERFLOW. ALL WORK (INCLUDING RAISING / LOWERING / RELOCATING IRRIGATION AND UTILITIES THIS AREA) TO BE COORDINATED WITH OWNER'S REPRESENTATIVE.

5. ANGULAR ROCK EROSION PROTECTION TO LIMITS HATCHED. ALL EROSION PROTECTION TO BE 4" AVG. DIA. (2" TO 6") @ 8" DEEP OVER NON-WOVEN GEOTEXTILE (U135NW O.A.E.). ENGINEER RECOMMENDS OWNER OBSERVE SITE FOLLOWING STORM EVENTS TO IDENTIFY EROSION AND ADD ADDITIONAL PROTECTION AS NEEDED.

6. SITE RETAINING WALL (REDI-ROCK SYSTEM: 0' TO 8' RETAINING RANGE) TO ACHIEVE GRADE DIFFERENCE SHOWN. H.G.=GRADE ON HIGH SIDE OF WALL; L.G.=GRADE ON LOW SIDE OF WALL. OWNER TO OBTAIN STRUCTURALLY CERTIFIED DESIGN AND DETAILS INCLUDING TOTAL HEIGHT, FOOTING, GUARDRAILS, REINFORCING, ETC.

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NEW MEXICO PROFESSIONAL ENGINEER

15086

04/29/2025

Engineer

New Burial Area

Mt. Calvary Cemetery

ISSUE: CONSTRUCTION

PROJECT NUMBER: IA 2733

FILE:

DRAWN BY: BJB

CHECKED BY: GLD

DATE: 4/28/2025

DESCRIPTION

DATE

NO

SHEET TITLE

GRADING & DRAINAGE PLAN

SHEET NUMBER

CG-101