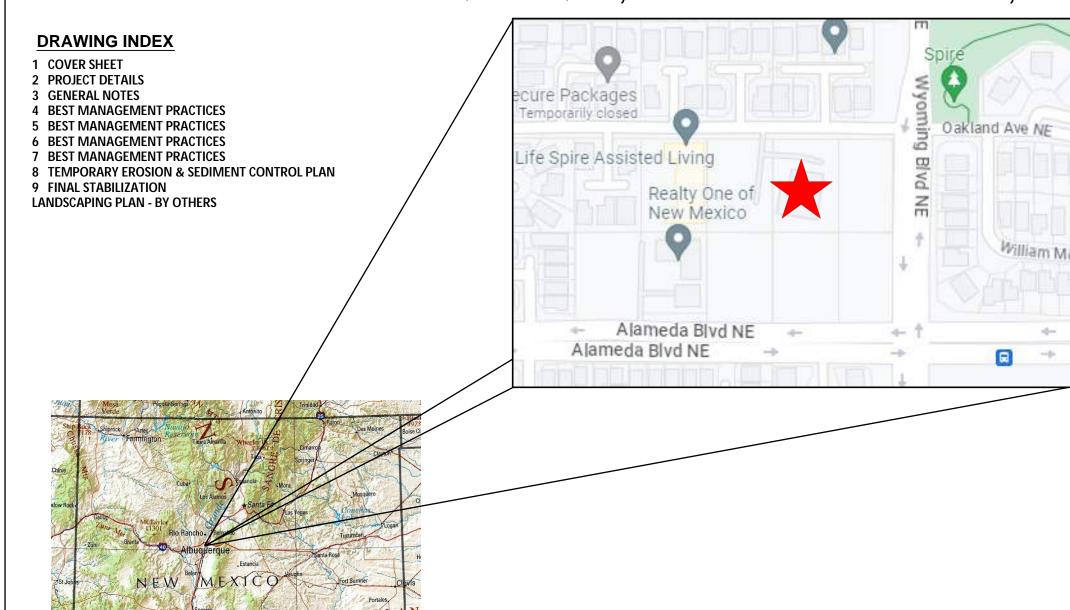
CITIZEN CHURCH NORTH

TEMPORARY SEDIMENT AND EROSION CONTROL DRAWINGS

ALBUQUERQUE, BERNALILLO COUNTY, NEW MEXICO



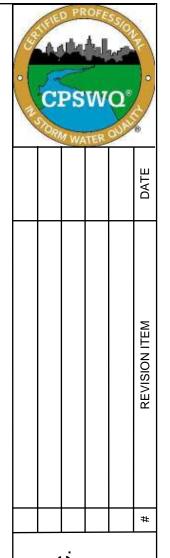






SWPPP
Stormwater
Erosion Control
Reclamation
Seeding

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FRANKLIN'S EARTHMOVING, INC. CITIZEN CHURCH NORTH ALBUQUERQUE, NM

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

SHEET:

COVER

PROJECT DETAILS

NPDES ID: NMR1005Q3, NMR1005PJ

ADDRESS: 7518 OAKLAND AVE. NE, ALBUQUERQUE, NM 87113

GPS COORDINATES: 35.185476, -106.560838

TOTAL ACREAGE: 2.5

ANTICIPATED DISTURBED ACREAGE: 2.5

FIRST RECEIVING WATER: COA MS4 THENCE ALAMEDA DRAIN

WATERS WITHIN ONE MILE OF PROJECT: UNNAMED WATER

IMPAIRED/TIERED WATERS: NONE

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 BUILDING, ROCK LANDSCAPING, EXPOSED SOILS,

ASPHALT PAVEMENT, EXISTING RETAINING WALL

STABILIZATION MEASURES AND DEADLINES: SEE SECTION 6.0 OF SWPPP NARRATIVE

REGULATING AUTHORITY: ENVIRONMENTAL PROTECTION AGENCY (EPA)

OPERATORS

PROPERTY OWNER: CITIZEN CHURCH 10500 COPPER AVE. NE ALBUQUERQUE, NM 87123

OWNER CONTACT: CHRIS BALDWIN (972) 740-3551 CBALDWIN@CITIZEN.CHURCH

GENERAL CONTRACTOR (GC): FRANKLIN'S 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 DEMARCATE 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

PHASE II: CONSTRUCTION ACTIVITIES

f.DUMPSTERS

- 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

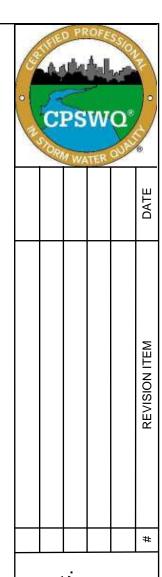
- 1.IF APPLICABLE, REVEGETATION OR LANDSCAPING SHALL BE INITIATED IMMEDIATELY UPON KNOWING WORK IN A DISTURBED AREA HAS PERMANENTLY STOPPED AND THE AREA IS NOT COVERED BY PERMANENT STRUCTURES, UNLESS INFEASIBLE. SECTION 6.5 OF THE SWPPP NARRATIVE DISCUSSES PERMANENT STABILIZATION AND ASSOCIATED DEADLINES.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





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FRANKLIN'S EARTHMOVING, INC. CITIZEN CHURCH NORTH SWPPP NOTES

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

SHEET:

GENERAL 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 SWEPT 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 SWEPT 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.

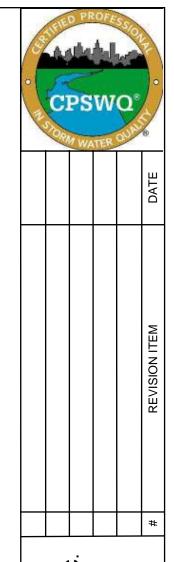
EROSION AND SEDIMENT CONTROL (ESC) PLANS MUST SHOW LONGITUDINAL STREET SLOPE AND STREET NAMES. ON STREETS WHERE THE LONGITUDINAL SLOPE IS STEEPER THAN 2.5%, WATTLES OR MULCH SOCKS OR J-HOOKED SILT FENCE SHALL BE SHOWN IN THE FRONT YARD SWALE OR ON THE SIDE OF THE STREET.





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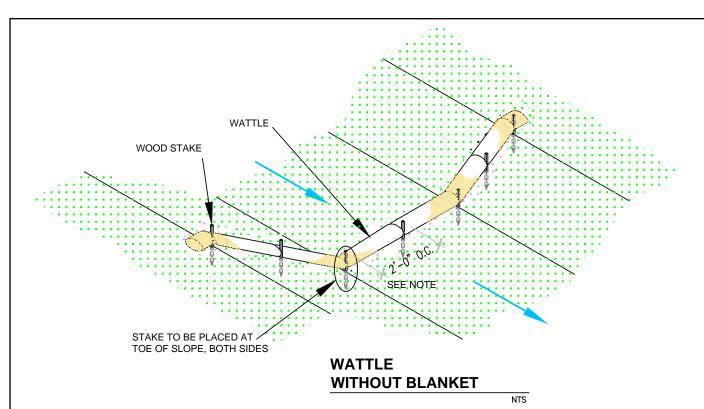


FRANKLIN'S EARTHMOVING, INC. CITIZEN CHURCH NORTH SWPPP NOTES

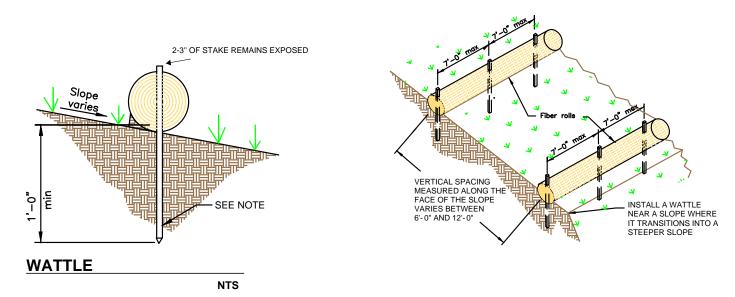
DESIGNED BY:
K. FETTER, P.E.
DRAWN BY:
S. FETTER

SHEET:

GENERAL NOTES



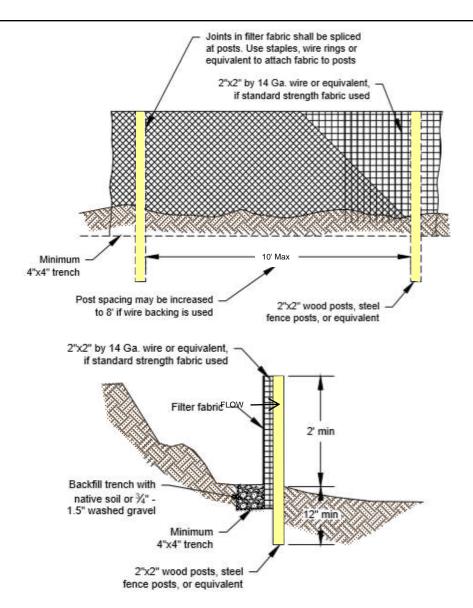
2' FOR DRAWING ONLY. 8' MAX SPACING BETWEEN STAKES



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

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.

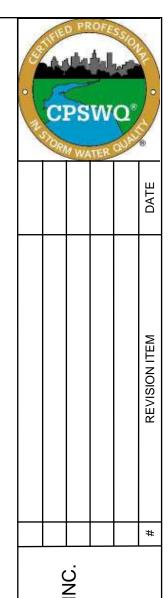
COVER TRENCH WITH BACKFILLED COMPACTED SOIL, GRAVEL OR ROCK.



SWPPP Stormwater **Erosion Control** Reclamation

Seeding

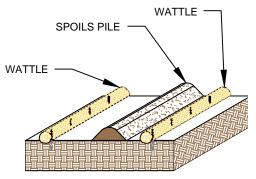
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S EARTHMOVING, INC. I CHURCH NORTH MP DETAILS FRANKLIN'S EAI CITIZEN CHI BMP D

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

SHEET:



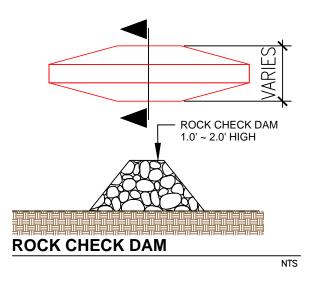
SPOILS PILE PROTECTION

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

PLACE WATTLES CONTINOUSLY ALONG THE EXTENT OF THE SPOILS STOCKPILE.

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

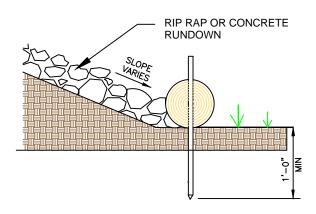
ONCE/IF THE SPOILS STOCKPILE IS DEPLETED OR MOVED, REMOVE THE WATTLES AND REUSE THEM IN THE NEXT LOCATION.



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.



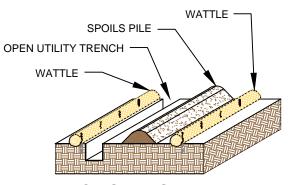
RUNDOWN DETAIL

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.



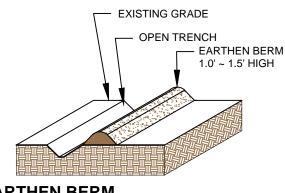
OPEN TRENCH SPOILS PILE PROTECTION

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.



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.





SWPPP Stormwater **Erosion Control** Reclamation

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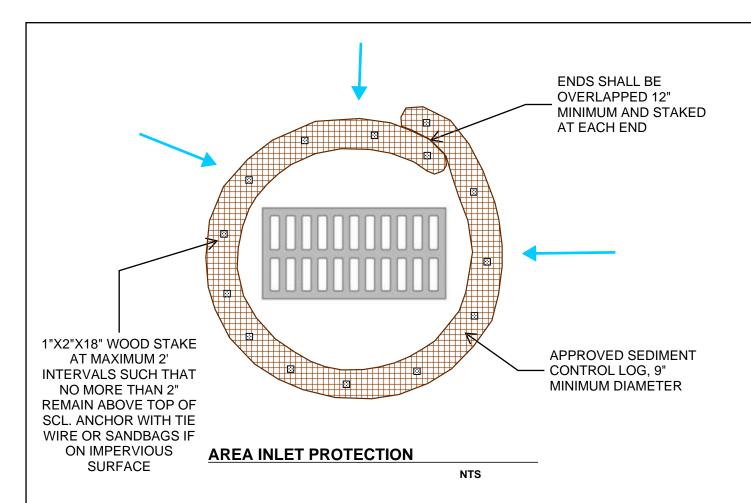
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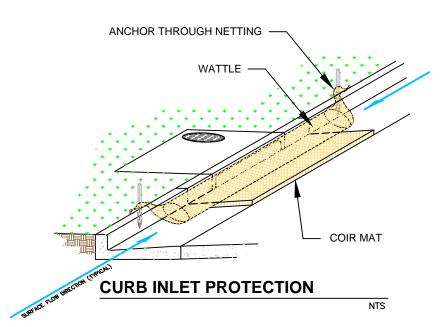
REVISION ITEM

S EARTHMOVING, INC.
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MP DETAILS FRANKLIN'S E CITIZEN (

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

SHEET:



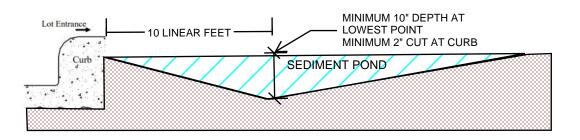


THE MAT SHOULD EXTEND A MINIMUM OF 1" PAST ALL EDGES OF THE INLET. PLACE MAT AGAINST THE CURB INLET.

PLACE WATTLES ON TOP OF THE MAT CLOSEST TO THE INLET OPENING AND CURB.

THE MAXIMUM HEIGHT OF THE PROTECTIVE BARRIER MUST BE LOWER THAN THE TOP OF THE CURB OPENING. THIS ALLOWS OVERFLOW INTO THE INLET DURING LARGE PRECIPITATION EVENTS.

ANCHOR THE BARRIER NETTING OVER THE CURB WITH WOODEN STAKES IF ABLE. IF UNABLE TO DO THAT ANCHOR THE WATTLE WITH SAND BAGS ON EACH END.



CUTBACK CURB

NTS

CUTBACK CURBS SHOULD TYPICALLY BE INSTALLED AT THE SITE ENTRANCE WHEN ACCESS IS NEEDED.

SOIL SHOULD BE CUT BACK FROM BEHIND THE CURB, SIDEWALK OR ROADWAY A MINIMUM 2" DOWN FROM THE TOP OF THE HARDSCAPE.

BRING THE SOIL BACK >10 FEET FT FROM THE HARDSCAPE TO FORM THE SEDIMENT TRAP.

THE LOWEST POINT OF THE SEDIMENT POND SHALL BE AT LEAST 10 INCHES.

IF THE HOUSE PAD HAS BEEN STABILIZED, THE DEPTH OF THE SEDIMENT POND MAY BE REDUCED TO 4 INCHES.

THE DEPTH AND LENGTH OF THE EXCAVATED AREA CAN BE INCREASED IF MORE STORAGE IS NEEDED.

INSPECT BMPs PRIOR TO FORCAST PRCIPITATION, DAILY DURING PRECIPITATION EVENTS, AFTER PRECIPITATION EVENTS AND THROUGH THE LIFE OF THE PROJECT.

MAINTAIN PROPER DEPTH AND LENGTH OF THE CUTBACK FOR THE DURATION OF THE PROJECT.

KEEP CUTBACK AREA CLEAN AND FREE OF TRASH AND DEBRIS.



CPSWC

REVISION ITEM

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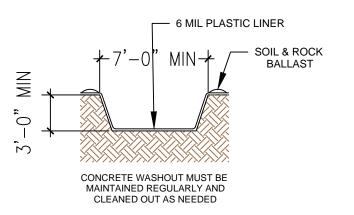
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DESIGNED BY: K. FETTER , P.E. DRAWN BY: S. FETTER

....



STEEL CONTAINER FOR CONCRETE AND WATER

MODULAR CONCRETE WASHOUT

CONCRETE WASHOUT

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.

CHEMICAL STORAGE

CHECK DAM

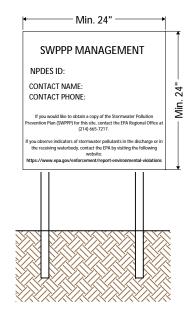
DO NOT WASH SWEEPINGS FROM EXPOSED AGGREGATE CONCRETE INTO THE STREET, STORMDRAIN SYSTEMS OR OFF THE PROJECT SITE.



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 PROTABLE TOILET, AROUND ALL SIDES.

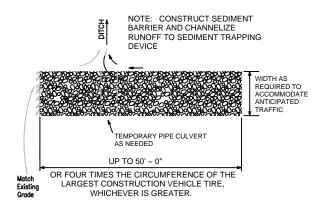


CRUSHED AGGREGATE GREATER THAN 75 MM (3 IN.) BUT SMALLER THAN 150 MM (6 IN.)

FILTER FABRIC

ORIGINAL

300 MM (12 IN), UNLESS OTHERWISE SPECIFIED BY A SOILS ENGINEER



STABILIZED CONSTRUCTION **ENTRANCE**

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

SWPPP Stormwater **Erosion Control** Reclamation

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DESIGNED BY:

SHEET:

S EARTHMOVING, INC.
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NPDES POSTING BOARD

NTS

NPDES Permit must

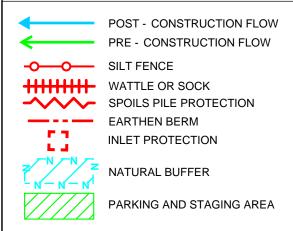
be positioned at the most active part of

the project where it

can be viewed by

project entrance)

the public (e.g.

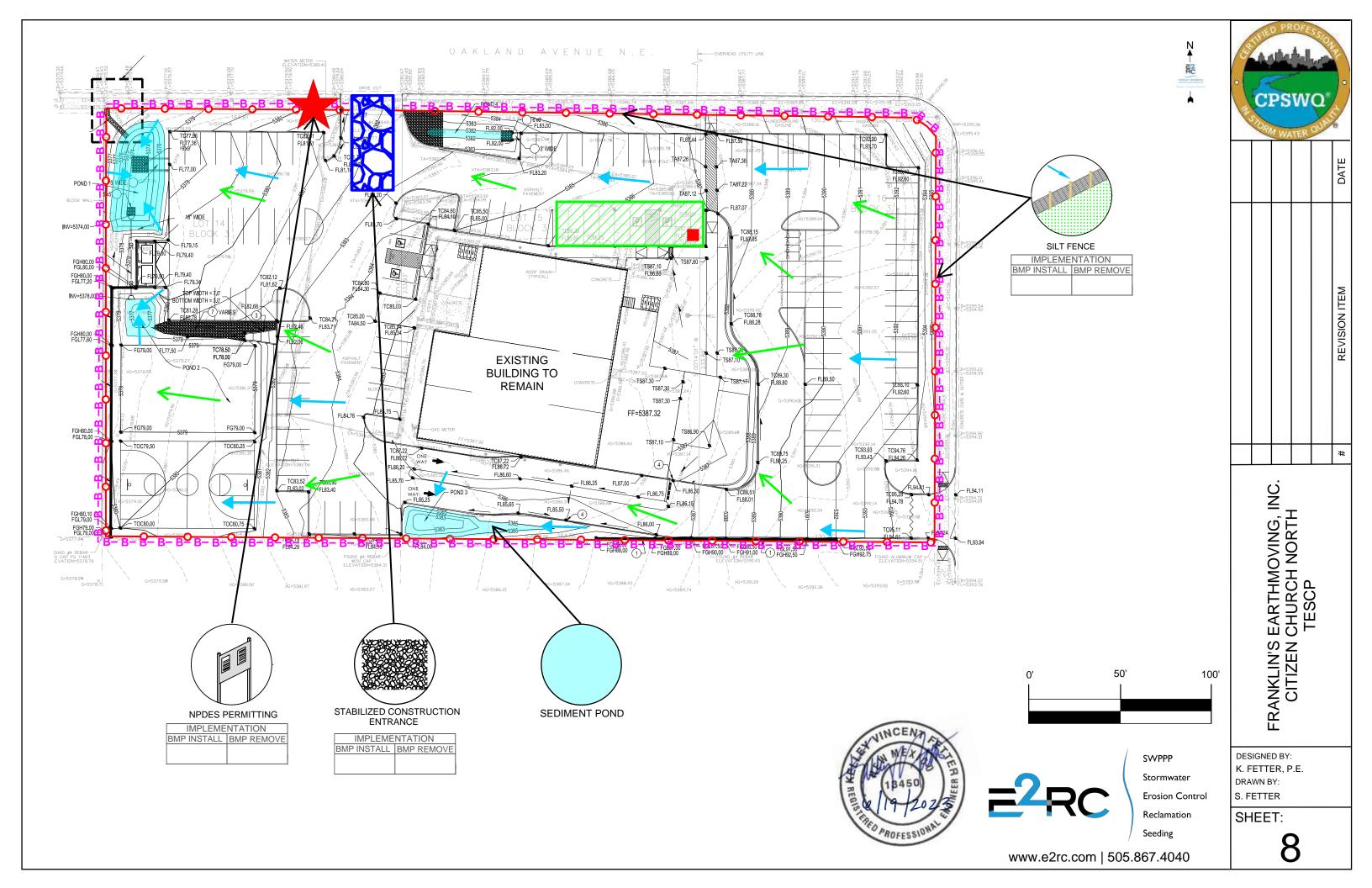


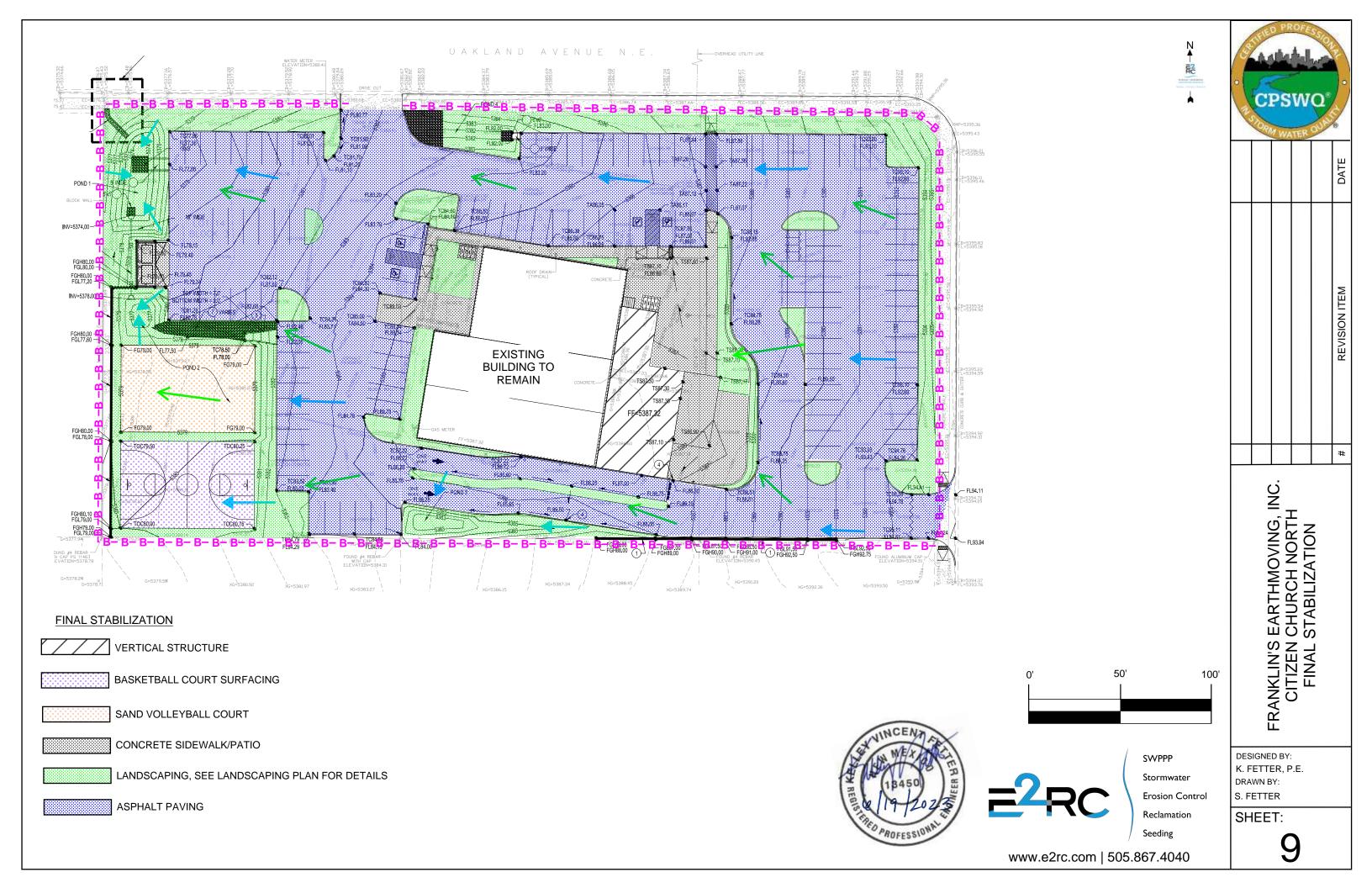
CUTBACK CURB

DRAWING KEY

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PARKING AND STAGING AREA. **TEMP TOILET** CHEMICAL STORAGE AND **CONCRETE WASHOUT** CONCRETE WASHOUT IN APPROXIMATE LOCATION. LOCATION FOR PUBLIC STABILIZED CONSTRUCTION NOTIFICATION OF NPDES TOGETHER IF MOVED. AREAS ENTRANCE CAN BE MOVED AFTER START OF PROJECT BOUNDRY VEGETATIVE STABILIZATION DISTURBED AREA PROJECT AND DISTURBED **BOUNDRY ENDANGERED/THREATENED CULVERT BLANKET SPECIES**





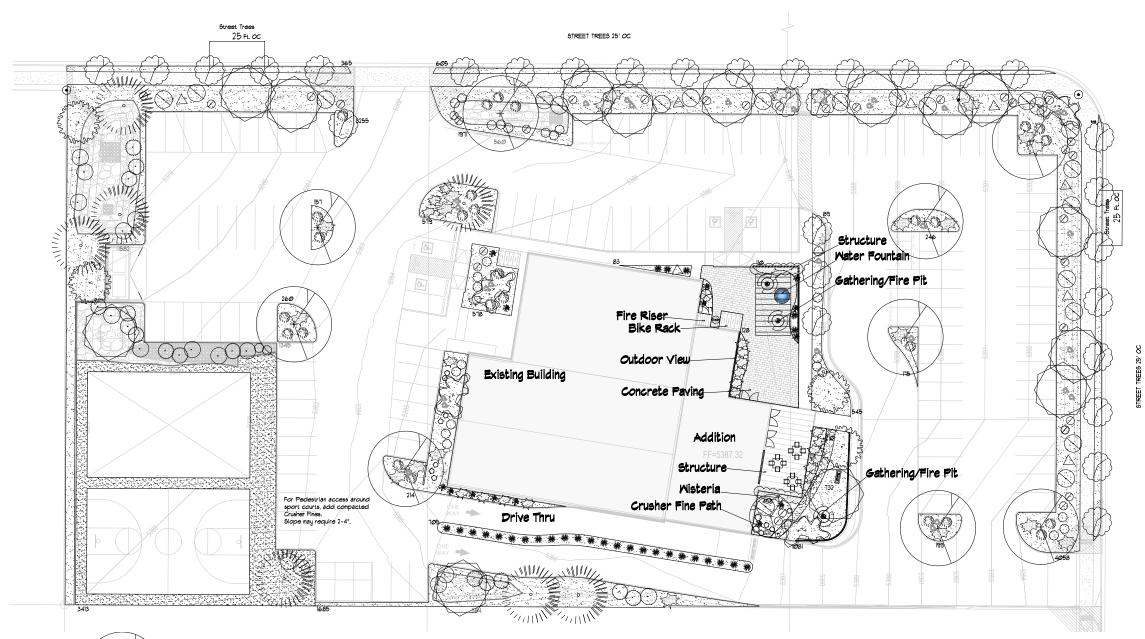


RBA ARCHITECT

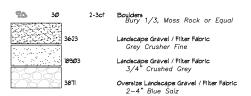
L5101

GRAPHIC SCALE

SCALE: |" = 20'-0"



	LANDSCAPE						<u>EGEND</u>				
./ \	QTY	SIZE	COMMON/BOTANICAL		H2O USE		QTY	SIZE	CØMMON/BOTANICAL	H2O USE	
*	, Ti	*665 2" cal	Chinese Pistache 40x35 122	25 11Ø25	. м		•	3hrubs 8	: Groundcovers		
	3	2 Cal	Pistacia chinensis	29 11025	111		2	5 Gal	Wisteria Climbingx30'900 1800 Wisteria spp.	М	
	1	6 - 8'	Austrian Pine 35x25 62 Pinus nigra	25 4375	, м	25,7,3	28	5 Gal	India Hawthorne 3x6 36 1008 Raphiolepis indica	М	
			r mus mgru			\bigcirc	21	5 Gal	Gro-Low Sumac 3x8 64 1344 Rhus aromatica 'Gro-Low'	L L	
	4	2" Cal 6-8'	Lagerstroemia indica	00 16 <i>0</i> 0	м	0	26	5 Gal	Fern Bush 4x6 36 936 Chamaebatiaria millefloiium	L	
			Multí Trunk, Tree Form, Red			\odot	14	5 Gal	Apache Plume 6x7 49 686 Fallugia paradoxa	· L	
	1	2" Cal 6-8'	Aspen 40x20 4 Populus tremuloides	100 400	М	\odot	16	5 Gal	Chamisa 6x1 49 184 Chrhysothamnus nauseosus	L	
	3Ø	2" Cal	Oklahoma Redbud (5x12 14	44 432 <i>©</i>	. м	\oslash	33	5 Gal	Blue Mist 4x4 16 528 Panicum virgatum 'Rotstrahibuch'	L	
	30	6-8	Cercis reniformis	44 4326		0	2	5 Gal	Cherry Sage 2x3 9 la Salvia greggii	М	
	14	2" Cal. 6-8'	Desert Willow 20x25 62 Chilopsis linearis	25 8756	М	٥	11	5 Gal	Deep Blue Lavendar 2x3 9 99 Lavendar angustifolia 'Hidcote'	м	
No of the Party of			·			\triangle	8	5 Gal	Butterfly Bush 5x1 49 392 Buddlèia davidii	! M	
Leaven or a series of the seri	4	6-8'	Pinon 30x20 40 Pinus edulis	00 1600	м	*	29	5 Gal	Dwarf Fountain Grass 2x2 4 ll6 Pennisetum alopecuroides 'Ham	M, elin	
"Townson"	,		White Physical Company		u	*	14	5 Gal	Karl Foerster Grass 2.5x3 9, 126 Calamogrostis acutiflora 'Karl	M Foerster'	
TOTAL TREES	1 7ø	6-8' TOTAL	Wichita Blue Juniperl2x6 40 Juniperus scopulorum IREE COVERAGE	32476 32476		5,7	21	5 Gal	Blue Rug Juniper 1x6 144 3 <i>0</i> 24 Juniperus horizontalis	м	
							22	5 Gal	Carpet Roses 2x3 9 198 Rosa 'Red Flower Carpet'	L	
						TOTAL SHRUBS	247		TOTAL SHRUB COVERAGE 11059		



26391 Total Landscape Area
LANDSCAPE NOTES:
Landscape maintenance shall be the responsibility of the Property
Ouner. The Property Ouner shall maintain street trees and shrubs in
a living, healthy, and attractive condition.

Water management is the sole responsibility of the Property Owner. All landscaping will be in conformance with the City of Albuquerque Zoning Code. In general, water conservative, environmentally sound landscape principles will be followed in design and installation.

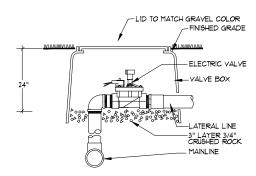
Landscape Gravel over Filter Fabric to a minimum depth of 3" shall be placed in all landscape areas, unless otherwise specified.

LANDSCAPE CALCULATIONS

OTAL LOT AREA (sf)	1Ø7595
OTAL BUILDING AREA (sf)	-13107
OTAL LOT AREA (8F)	94488
ANDSCAPE REQUIREMENT	× .15
DTAL LANDSCAPE REQUIRED	14173
DTAL ON-SITE LANDSCAPE PROVIDED	26397
DTAL GROUNDCOVER REQUIRED	7919
OTAL GROUNDCOVER PROVIDED	11059
OTAL LIVE PLANTS REQUIRED	8erei
OTAL LIVE PLANTS PROVIDED	43529

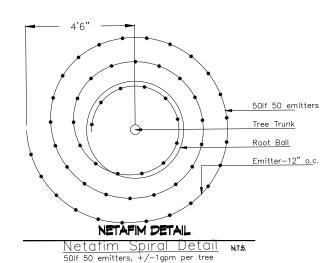
RPA, HOTBOX TYP.

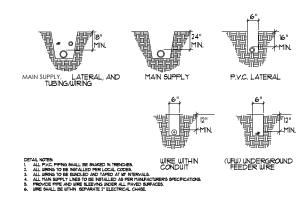
N.T.S.



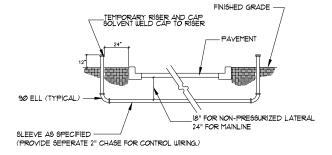
ELECTRIC VALVE ASSEMBLY

Install Y filter and Pressure Regulator for all drip valves.



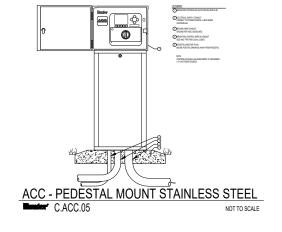


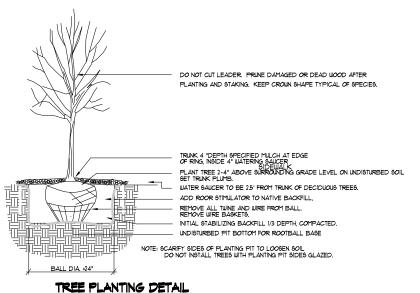
TRENCHING DETAIL

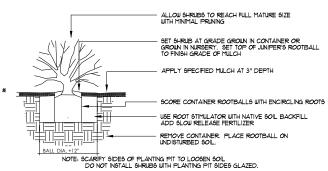


SLEEVE INSTALLATION DETAIL

N.T.S.







SHRUB PLANTING DETAIL

T.S.

