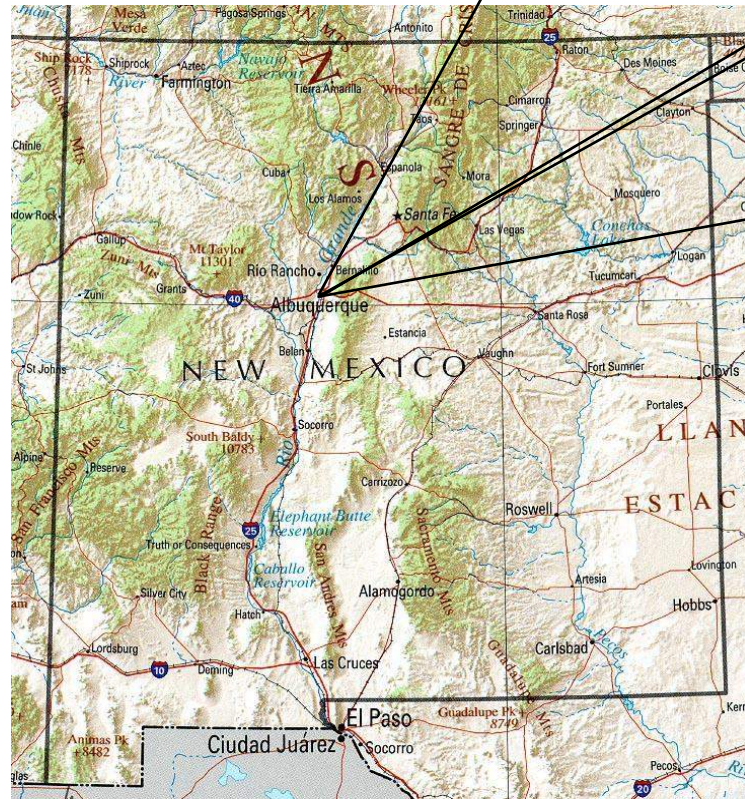
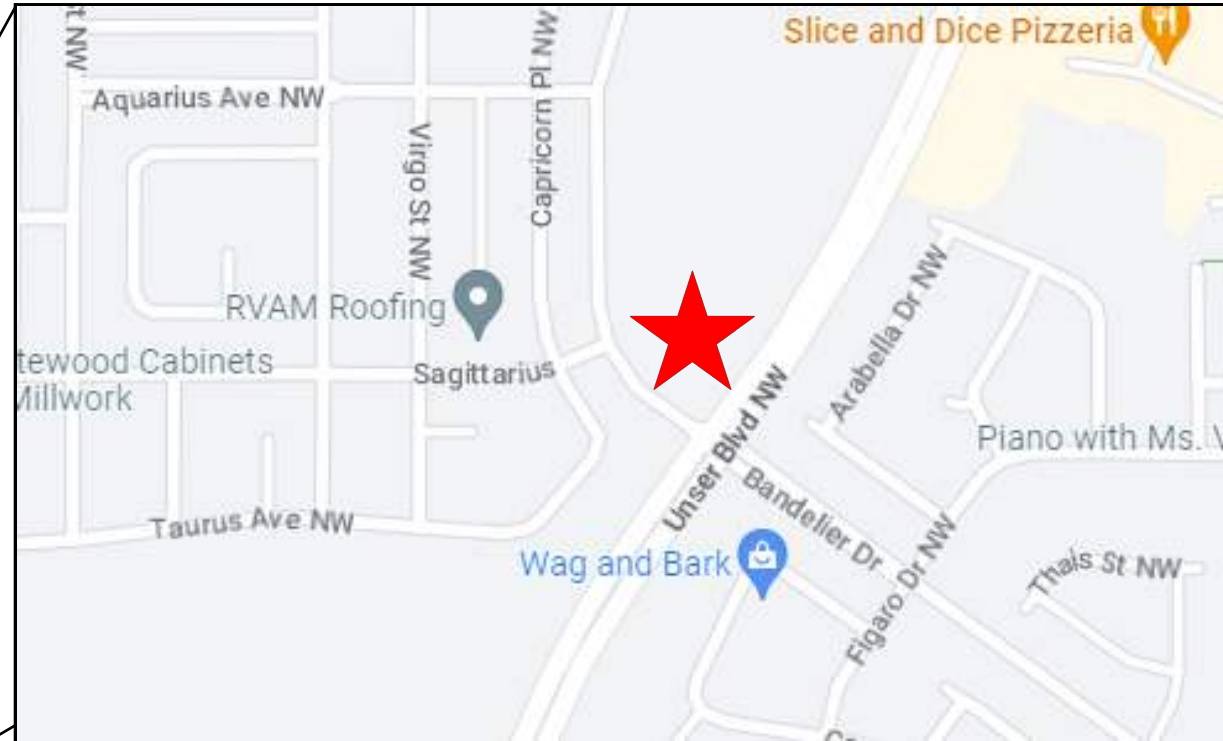


TIDAL WAVE AUTO SPA
TEMPORARY SEDIMENT AND EROSION CONTROL DRAWINGS
ALBUQUERQUE, BERNALILLO COUNTY, NEW MEXICO

DRAWING INDEX

- 1 COVER SHEET
2 PROJECT DETAILS
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
LANDSCAPING PLAN (BY OTHERS)



THE TESCP IS A LIVING DOCUMENT.

UPDATE THE TSCWP WEEKLY TO REFLECT
ONSITE CONDITIONS INCLUDING, BUT NOT
LIMITED TO: BMP LOCATIONS (DATES
INSTALLED/REMOVED), POLLUTANT SOURCES
& POLLUTANT GENERATING ACTIVITIES.



- SWPPP
- Stormwater
- Erosion Control
- Reclamation
- Seeding

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#	REVISION ITEM	DATE

TWAS PROPERTIES, LLC
TIDAL WAVE AUTO SPA
ALBUQUERQUE, NM

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

SHEET:

COVER

PROJECT DETAILS

NPDES ID: NMR1005J2

ADDRESS: UNSER BLVD. NW & BANDELIER DRIVE, ALBUQUERQUE, NM 87114

GPS COORDINATES: 35.209954, -106.701140

TOTAL ACREAGE: 1.25

ANTICIPATED DISTURBED ACREAGE: 1.25

FIRST RECEIVING WATER: ARROYO DE LAS CALABACILLAS

WATERS WITHIN ONE MILE OF PROJECT: ARROYO DE LAS CALABACILLAS

IMPAIRED/TIERED WATERS: NONE, FIRST RECEIVING WATER IS NOT IMPAIRED

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: NONE. SITE PREVIOUSLY CLEARED BY DEVELOPER

STABILIZATION MEASURES AND DEADLINES: SEE SECTION 6.0 OF SWPPP NARRATIVE

REGULATING AUTHORITY: ENVIRONMENTAL PROTECTION AGENCY (EPA)

OPERATORS

PROPERTY OWNER:
TWAS PROPERTIES, LLC
POST OFFICE DRAWER 311
THOMASTON, GA 30286

OWNER CONTACT:
JASON SKARSGARD
(505) 803-3757
JASON@SKARSCO.COM

GENERAL CONTRACTOR (GC):
KLINGER CONSTRUCTORS, LLC
8701 WASHINGTON ST NE
ALBUQUERQUE, NM 87113

GC CONTACT:
JEREMY ZAK
(505) 366-7631
JEREMYZ@KLINGERLLC.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.



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TIDAL WAVE AUTO SPA
SWPPP NOTES

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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 (MARCH 24, 2021):

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 TEMPORARY SEDIMENT AND EROSION CONTROL MEASURES 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 (TAB II OF SWPPP BINDER) FOR BMP SCHEDULING OR PHASING.

SELF-INSPECTIONS - AT A MINIMUM A ROUTINE COMPLIANCE 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.

STABILIZATION REPORTS MUST BE KEPT BY THE PERSON OR ENTITY AUTHORIZED TO DIRECT THE CONSTRUCTION ACTIVITIES ON THE SITE AND MADE AVAILABLE UPON REQUEST. REPORTS SHOULD INCLUDE RECORDS OF WEED REMOVAL PER CITY ORDINANCE (§ 9-8-1), STERILIZATION, SOIL TEST RESULTS AND RECOMMENDATION, MATERIALS AND MANUFACTURER'S SPECIFICATIONS FOR APPLICATION RATES, ESTIMATED FUNCTIONAL LONGEVITY, METHODS OF APPLICATION, INSPECTION AND MAINTENANCE. THE REDUCED SELF-INSPECTION SCHEDULE IN CGP 4.4.1 APPLIES TO STABILIZED AREA AND ANY DAMAGED OR WORN STABILIZATION MUST BE IDENTIFIED IN THE REPORTS ALONG WITH WEED PROBLEMS. CORRECTIVE ACTIONS FOR STABILIZATION SHALL BE DOCUMENTED IN A STABILIZATION REPORT INCLUDING ACTUAL RATES AND DATES OF STABILIZATION, AND THE MATERIALS AND MANUFACTURER'S SPECIFICATIONS USED.

BMPS SHALL BE INSPECTED AND MAINTAINED UNTIL ALL DISTURBED AREAS ARE STABILIZED IN ACCORDANCE WITH THE FINAL STABILIZATION CRITERIA (CGP 2.2.14.B). GENERALLY, ALL DISTURBED AREAS, OTHER THAN STRUCTURES AND IMPERVIOUS SURFACES, MUST HAVE UNIFORM PERENNIAL VEGETATION THAT PROVIDES 70 PERCENT OR MORE OF THE COVER PROVIDED BY NATIVE VEGETATION OR SEED THE DISTURBED AREA AND PROVIDE NON-VEGETATIVE MULCH THAT PROVIDES COVER FOR AT LEAST THREE YEARS WITHOUT ACTIVE MAINTENANCE. FINAL STABILIZATION MUST BE APPROVED BY THE CITY OF ALBUQUERQUE PRIOR TO REMOVAL OF BMPS AND DISCONTINUATION OF INSPECTIONS.



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SWPPP NOTES



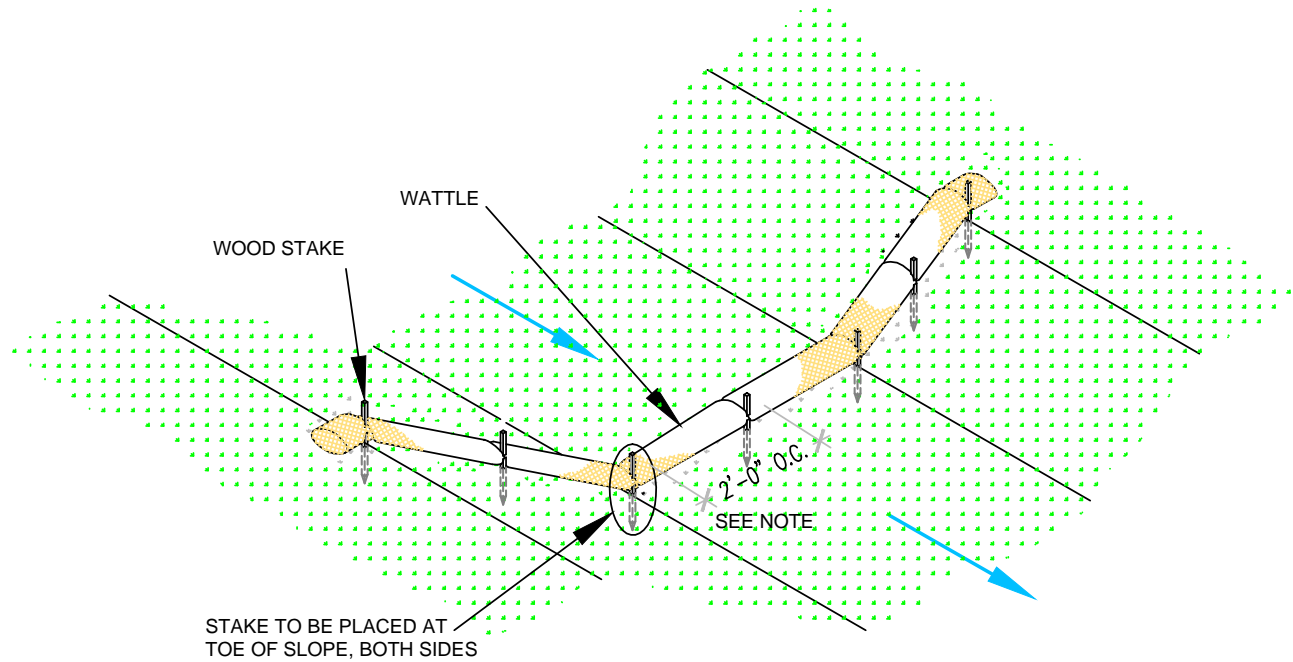


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Stormwater
Erosion Control
Reclamation
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K. FETTER, P.E.
DRAWN BY:
S. FETTER

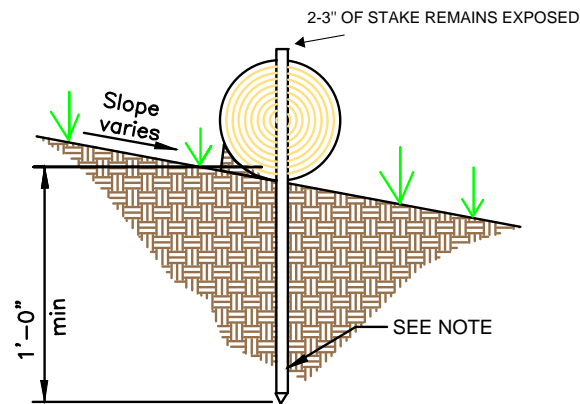
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GENERAL
NOTES



WATTLE WITHOUT BLANKET

NTS

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



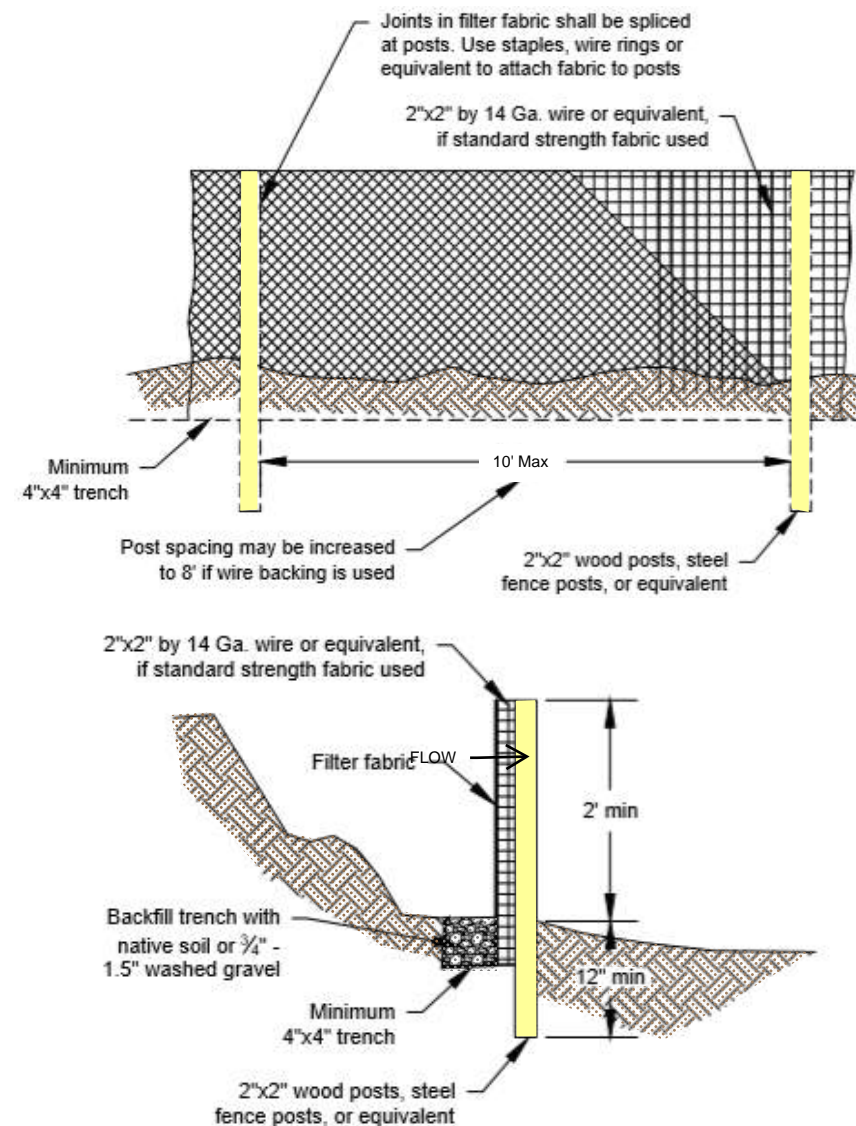
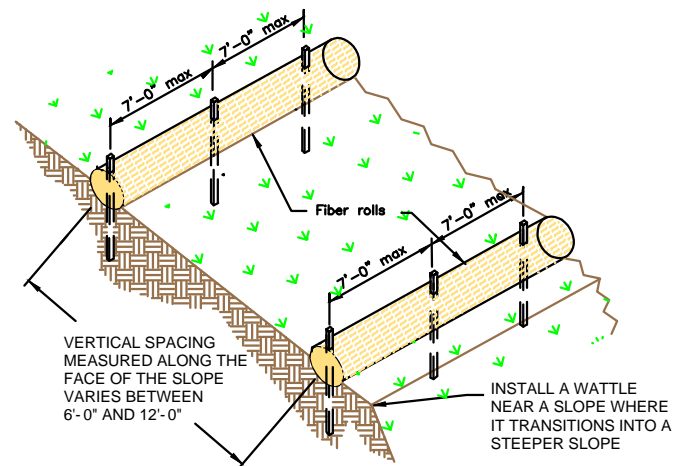
WATTLE

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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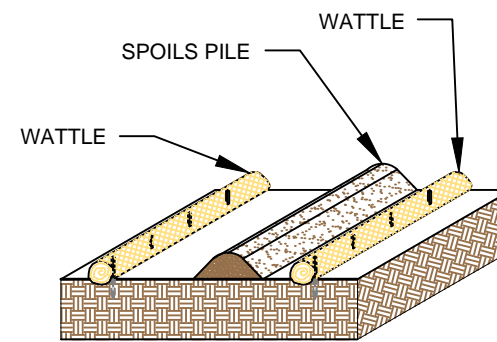
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TWAS PROPERTIES, LLC
TIDAL WAVE AUTO SPA
BMP DETAILS

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

SHEET:

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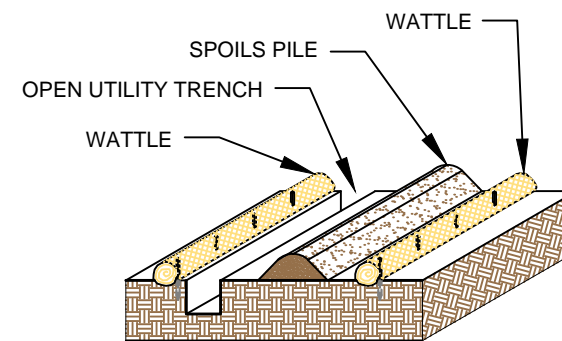
SPOILS PILE PROTECTION

NTS
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.



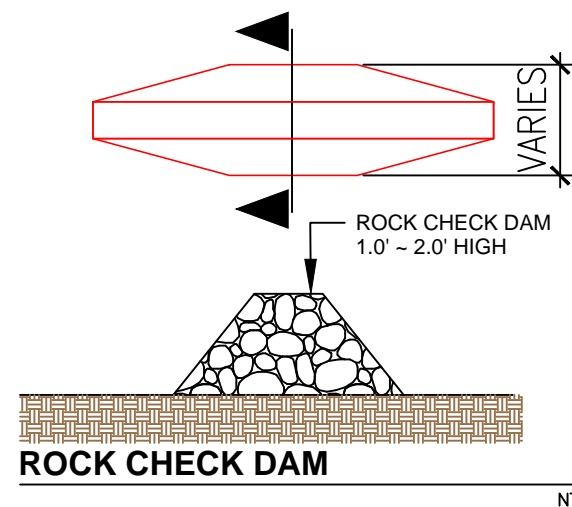
OPEN TRENCH SPOILS PILE PROTECTION

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.

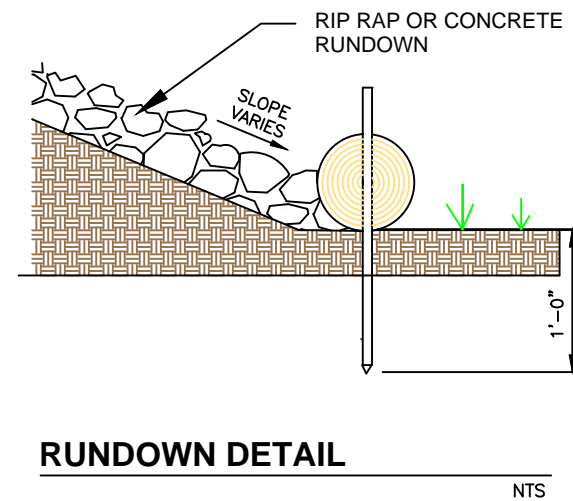


ROCK CHECK DAM

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.



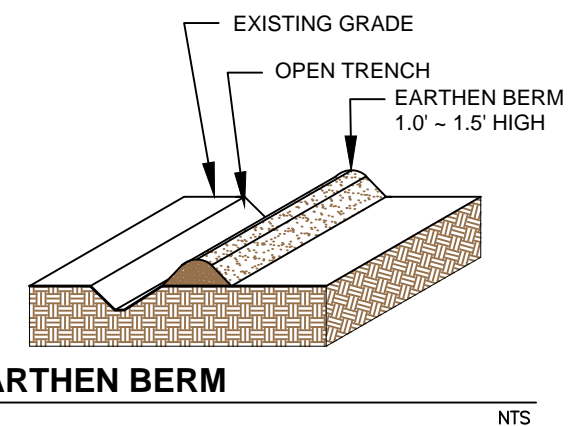
RUNDOWN DETAIL

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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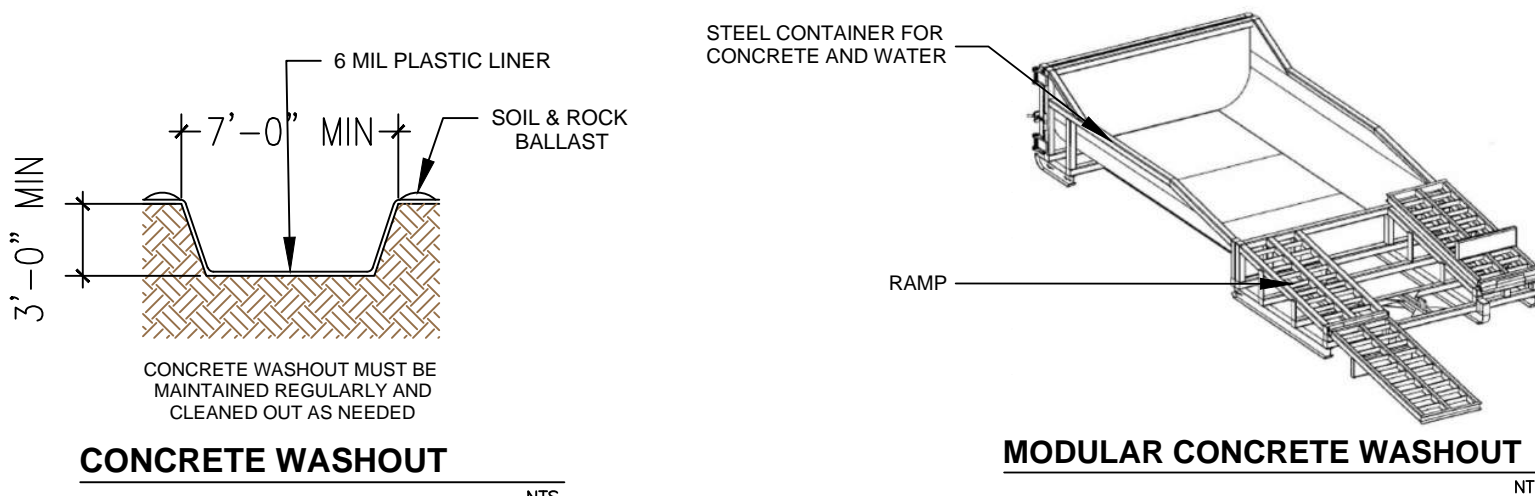
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BMP DETAILS**

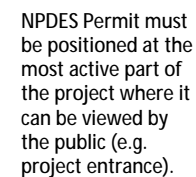
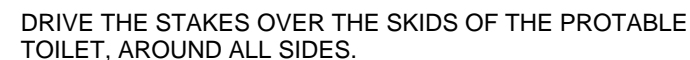
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K. FETTER, P.E.
DRAWN BY:
S. FETTER

SHEET:

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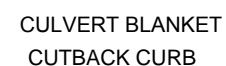
DO NOT WASH SWEEPINGS FROM EXPOSED AGGREGATE CONCRETE INTO THE STREET, STORMDRAIN SYSTEMS OR OFF THE PROJECT SITE.



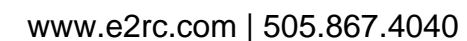
NTS



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



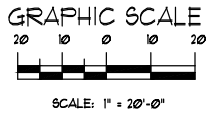
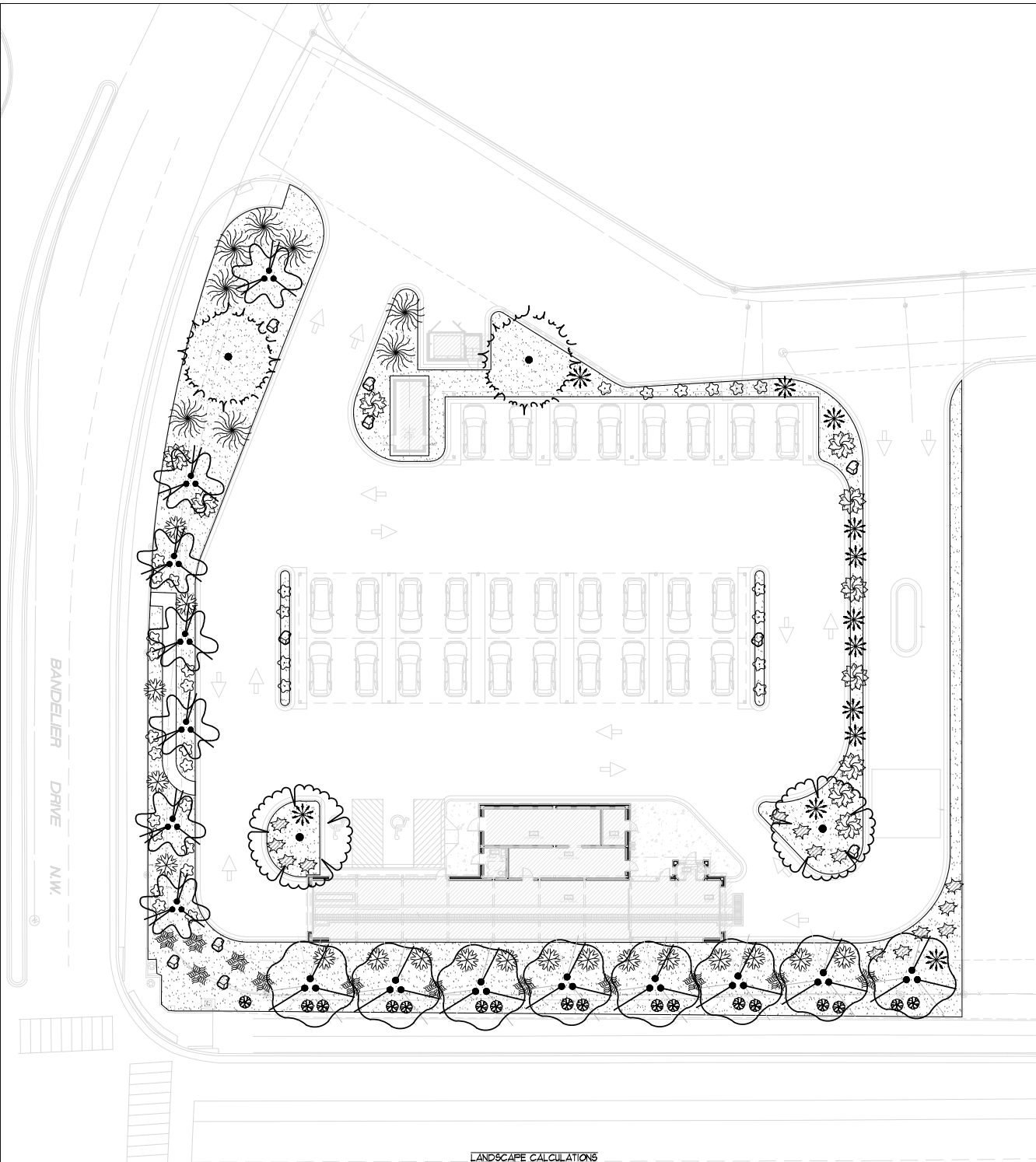
DRAWING KEY



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LANDSCAPE CALCULATIONS













ZONING
APPLICABLE REGULATION(S)

MX-L
IDO 14-16-5-6 AND PART 6-6-2 OF ROA 1994

TOTAL LOT AREA (ACRES)	125	GROUND COVER (% - REQ)	25.0%
TOTAL LOT AREA (SF)	54643	GROUND COVER (SF - REQ)	2683
BUILDING AREA (SF)	3874	GROUND COVER (SF - PROV.)	2304
NET LOT AREA (SF)	50769	TREE COVERAGE (SF-PROV.)	10350

REQUIRED LANDSCAPE (%)	15.0%	PARKING LOT AREA (SF)	6565
REQUIRED LANDSCAPE (SF)	7615	REQ. PARKING LANDSCAPE 10% (SF)	657
LANDSCAPE PROVIDED (SF)	14307	PROV. PARKING LANDSCAPE (SF)	3213
		REQ. PARKING TREES (1/10 SPOTS)	2
		PROV. PARKING TREES	3
VEGETATIVE COVER (% - REQ)	75.0%		
VEGETATIVE COVER (SF - REQ)	10130		
VEGETATIVE COVER (SF - PROV.)	13854		

LANDSCAPE LEGEND

SYMB.	QTY	SIZE (INSTALL)	COMMON/BOTANICAL	MATURE HXW	WATER USE	COVER (EA)	TOTAL
<u>Trees</u>							
	8	2+ Trunks w/ 2"+ Combined Cal.	Desert Willow <i>Chilopsis linearis</i>	20' x 25'	L	500	4000
	2	6'+ Height	Austrian Pine <i>Pinus nigra</i>	35' x 25'	M+	875	1750
	2	2" Cal	Chinese Pistache <i>Pistachia chinensis</i>	40' x 30'	M	1200	2400
	1	2+ Trunks w/ 2"+ Combined Cal.	Chaste Tree <i>Vitex agnus-castus</i>	20' x 20'	M	400	2800
Total Tree Count:						19	10350
<u>Shrubs & Groundcovers</u>							
	33	5 Gal	Blue Mist Spirea <i>Caryopteris x clandonensis</i>	3' x 3'	Low+	9	297
	10	5 Gal	Bear Grass <i>Nolina macrocarpa</i>	5' x 6'	RW	36	648
	14	5 Gal	Pink Double Knock Out Rose <i>Rosa 'Pink Double Knock Out'</i>	4' x 4'	M	16	224
	17	5 Gal	Autumn Cherry Sage <i>Salvia greggii</i>	2' x 3'	Low+	9	153
	8	5 Gal	Silverberry <i>Elaeagnus Pungens</i>	10' x 10'	M	100	800
	10	5 Gal	Dwarf Butterfly Bush <i>Buddleia davidii nanhoensis</i>	5' x 7'	M	35	350
	12	5 Gal	Scotch Broom <i>Cytisus scoparius</i>	4' x 6'	M	24	288
	12	5 Gal	Gro-Low Sumac <i>Rhus aromatica</i>	2' x 6'	Low+	12	144
Total Shrub Count:						124	2304

PLANTING NOTES

ALL PLANTS TO CONTAIN BARK MULCH AROUND THE ROOTBALL, TO THE EXTENT TO COVER THE DRIP LINES.

GENERAL NOTES

IT IS THE INTENT OF THIS PLAN TO COMPLY WITH APPLICABLE CITY WATER CONSERVATION LANDSCAPING AND WATER WASTE ORDINANCE PLANTING RESTRICTION APPROACH. APPROVAL OF THIS PLAN DOES NOT CONSTITUTE OR IMPLY EXEMPTION FROM WATER WASTE PROVISIONS OF THE WATER CONSERVATION LANDSCAPING AND WATER WASTE ORDINANCE.

LANDSCAPE MAINTENANCE SHALL BE THE RESPONSIBILITY OF THE PROPERTY OWNER. THE PROPERTY OWNER SHALL MAINTAIN STREET TREES IN A LIVING, HEALTHY, AND ATTRACTIVE CONDITION.

APPROVAL OF THIS PLAN DOES NOT CONSTITUTE OR IMPLY EXEMPTION FROM WATER WASTE PROVISIONS OF THE WATER CONSERVATION LANDSCAPING AND WATER WASTE ORDINANCE. WATER MANAGEMENT IS THE SOLE RESPONSIBILITY OF THE PROPERTY OWNER.

ALL LANDSCAPING WILL BE IN CONFORMANCE WITH THE CITY OF ALBUQUERQUE ZONING CODES, LAND-USE ORDINANCES, AND WATER CONSERVATION LANDSCAPING AND WATER WASTE ORDINANCE. IN GENERAL, WATER CONSERVATIVE, ENVIRONMENTALLY SOUND LANDSCAPE PRINCIPLES WILL BE FOLLOWED IN DESIGN AND INSTALLATION.

GRAY GRAVEL OVER FILTER FABRIC TO A MINIMUM DEPTH OF 3" SHALL BE PLACED IN ALL LANDSCAPE AREAS WHICH ARE NOT DESIGNATED TO RECEIVE NATIVE SEED OR OTHER HATCHED GROUND COVER AREA. ALL GRAVEL SHALL BE PLACED 3"-1" LOWER THAN ADJACENT HARD SURFACES.

PRIOR TO CONSTRUCTION, LANDSCAPE CONTRACTOR SHALL VERIFY LOCATION OF ALL UTILITY LINES. IN CASE OF A DISCREPANCY BETWEEN UTILITIES INDICATED ON PLAN AND ACTUAL FIELD VERIFICATION, CONTRACTOR SHALL CEASE WORK AND NOTIFY LANDSCAPE ARCHITECT IMMEDIATELY FOR DIRECTIONS ON HOW TO PROCEED.

POSITIVE DRAINAGE AWAY FROM ALL STRUCTURES IS TO REMAIN AFTER ALL LANDSCAPE WORK IS COMPLETED.

IRRIGATION NOTES:

IRRIGATION SYSTEM MAINTENANCE AND OPERATION SHALL BE THE SOLE RESPONSIBILITY OF THE OWNER. IT SHALL BE THE OWNER'S RESPONSIBILITY TO ENSURE THAT FUGITIVE WATER DOES NOT LEAVE THE SITE DUE TO OVERWATERING OR MALFUNCTIONING EQUIPMENT.

ALL ON-SITE PLANT MATERIAL, NEW AND EXISTING, SHALL BE IRRIGATED BY COMPLETE, AUTOMATIC DRIP IRRIGATION WITH SUBTERRANEAN LATERALS. TREES SHALL RECEIVE ONE (1) NETAFIM SPIRAL (50' LENGTH) WITH 3 LOOPS AT A FINAL RADIUS OF 4.5' FROM TREE TRUNK, PINNED IN PLACE. NETAFIM SHALL HAVE EMITTERS 12" O.C. WITH A FLOW OF 6 GPH. SHRUBS TO RECEIVE (2) 1/2 GPH DRIP EMITTERS. DRIP AND BUBBLER SYSTEMS TO BE TIED TO 1/2" POLYPIPE WITH FLUSH CAPS AT EACH END.

RUN TIME PER EACH SHRUB DRIP VALVE WILL BE APPROXIMATELY 15 MINUTES PER DAY. TREE DRIP VALVE SHALL RUN 15 HOURS, 3 TIMES PER WEEK. RUN TIME WILL BE ADJUSTED ACCORDING TO THE SEASON.

POINT OF CONNECTION FOR IRRIGATION SYSTEM IS UNKNOWN AT CURRENT TIME AND WILL BE COORDINATED IN THE FIELD. IRRIGATION WILL BE OPERATED BY AUTOMATIC CONTROLLER.

SHRUB PLANTING KEYED NOTES

- SHRUB LOCATION, SPECIES, AND CONDITION AS PER PLAN.
- INSTALL WITH TOP OF ROOT BALL FLUSH WITH SUBGRADE (BOTTOM OF MULCH).
- USE WOOD CHIP MULCH OVER ROOTBALL, FEATHERED TO A 2" DEPTH AND HELD BACK 2" FROM TRUNKS AND STEMS AND TO COVER DRIFLINE.
- 2" HIGH X 8" WIDE BERRY.
- BACKFILL PER SPECIFICATIONS, LIGHTLY TAMP IN LIFTS AND WATER-IN TO ELIMINATE VOIDS AND AIR POCKETS.
- UNDISTURBED NATIVE SOIL.
- SCARIFY AND LOOSEN EDGES OF PLANTING PIT.
- MULCH - SEE PLANTING PLAN, 3" DEPTH UNLESS OTHERWISE NOTED.

01 SHRUB PLANTING

NTS

SHRUB PLANTING DETAIL

TREE PLANTING KEYED NOTES

- TREE LOCATION, SPECIES, AND CONDITION AS PER PLAN.
- REMOVING EXISTING SOIL (FROM NURSERY) AS NEEDED TO EXPOSE ROOT FLARE. INSTALL WITH ROOT FLARE FLUSH WITH SUBGRADE (BOTTOM OF MULCH).
- INSTALL TREE PLUMES. REMOVE WIRE BASKET, WOOD BOX, PLASTIC, TUNE, AND/OR ROPE PRIOR TO BACKFILL. REMOVE BURLAP EXCEPT FROM BOTTOM OF ROOT BALL.
- SCARIFY AND LOOSEN EDGES OF PLANTING PIT.
- BACKFILL PER SPECIFICATIONS, LIGHTLY TAMP IN LIFTS AND WATER-IN TO ELIMINATE VOIDS AND AIR POCKETS.
- UNDISTURBED NATIVE SOIL UNDER ROOTBALL TO PREVENT SETTLING.
- INSTALL WOOD CHIP ORGANIC MULCH OVER ROOTBALL AND TO COVER DRIP LINE. GENERALLY, MULCH SHOULD BE HELD 4" BACK FROM TREE TRUNK.
- 4" HIGH X 16" WIDE COBBLE BERRY AT DRIP LINE.
- MULCH - SEE PLANTING PLAN.

02 TREE PLANTING

NTS

TREE PLANTING DETAIL



The Hilltop
1909 Edith NE
Albuquerque, NM 87113
Cont. Lic. #16-458
Ph: (505) 899-9630
Fax: (505) 899-7131
ted@hilltoplandscaping.com



November 1, 2022

Tidal Wave Auto Spa
Unser Blvd. & Bandelier Rd.
Albuquerque, NM

Preliminary Landscape Design

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The Hilltop
LANDSCAPE ARCHITECTS & CONTRACTORS

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11/01/2022

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