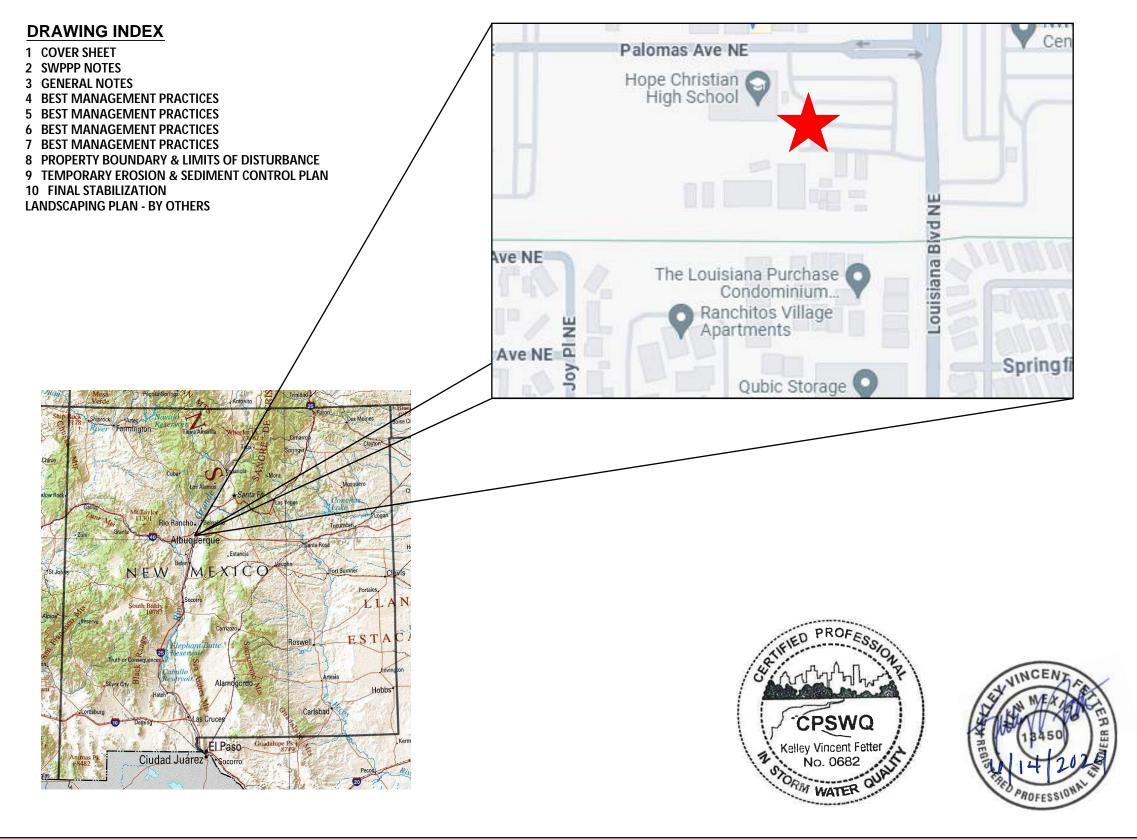
# HOPE CHRISTIAN HIGH SCHOOL - PH. I TEMPORARY SEDIMENT AND EROSION CONTROL DRAWINGS ALBUQUERQUE, BERNALILLO COUNTY, NEW MEXICO



|             | CPSWQ*      |  |     |                 |               |  |  |  |
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|             |             |  |     | ALBUQUERQUE, NM |               |  |  |  |
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SWPPP

Stormwater

Reclamation

Seeding

**Erosion Control** 

## **PROJECT DETAILS**

NPDES ID: NMR1006FW, NMR1006IE

ADDRESS: 6800 PALOMAS AVE. NE, ALBUQUERQUE, NM 87109

GPS COORDINATES: 35.172212, -106.569732

TOTAL ACREAGE: 8.5

ANTICIPATED DISTURBED ACREAGE: 3.4

FIRST RECEIVING WATER: RIO GRANDE

WATERS WITHIN ONE MILE OF PROJECT: ARROYO DE DOMINGO BACA

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 BUILDING, ASPHALT PAVING, LANDSCAPING

STABILIZATION MEASURES AND DEADLINES: SEE SECTION 6.0 OF SWPPP NARRATIVE

REGULATING AUTHORITY: ENVIRONMENTAL PROTECTION AGENCY (EPA)

#### **OPERATORS**

**PROPERTY OWNER:** HOPE CHRISTIAN SCHOOLS, INC. 8005 LOUISIANA BLVD. NE ALBUQUERQUE, NM 87109

OWNER CONTACT: **TERESSA GROOM** (505) 263-7540 TKGROOM@HCSNM.ORG

**GENERAL CONTRACTOR (GC):** PWKI. LLC 7 BOSQUE RD. ALGODONES, NM 87001

GC CONTACT: PAUL KENDERDINE (505) 867-1765 PWKI.LLC@GMAIL.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**
- c. NPDES NOTIFICATION POSTING
- d. DESIGNATED STAGING AREA
- e. ANCHORED SANILETS
- f. COVERED 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 WITH AN IDENTIFYING SIGN. 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.

3. THE OPERATORS MAY TERMINATE NPDES PERMIT AFTER MEETING THE FINAL STABILIZATION CRITERiA.





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|             | PWKI, LLC & HOPE CHRISTIAN                |              |  | SWPPP NOTES |               |  |  |  |
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|             | S. FETTER<br>SHEET:<br>2 - SWPPP<br>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.



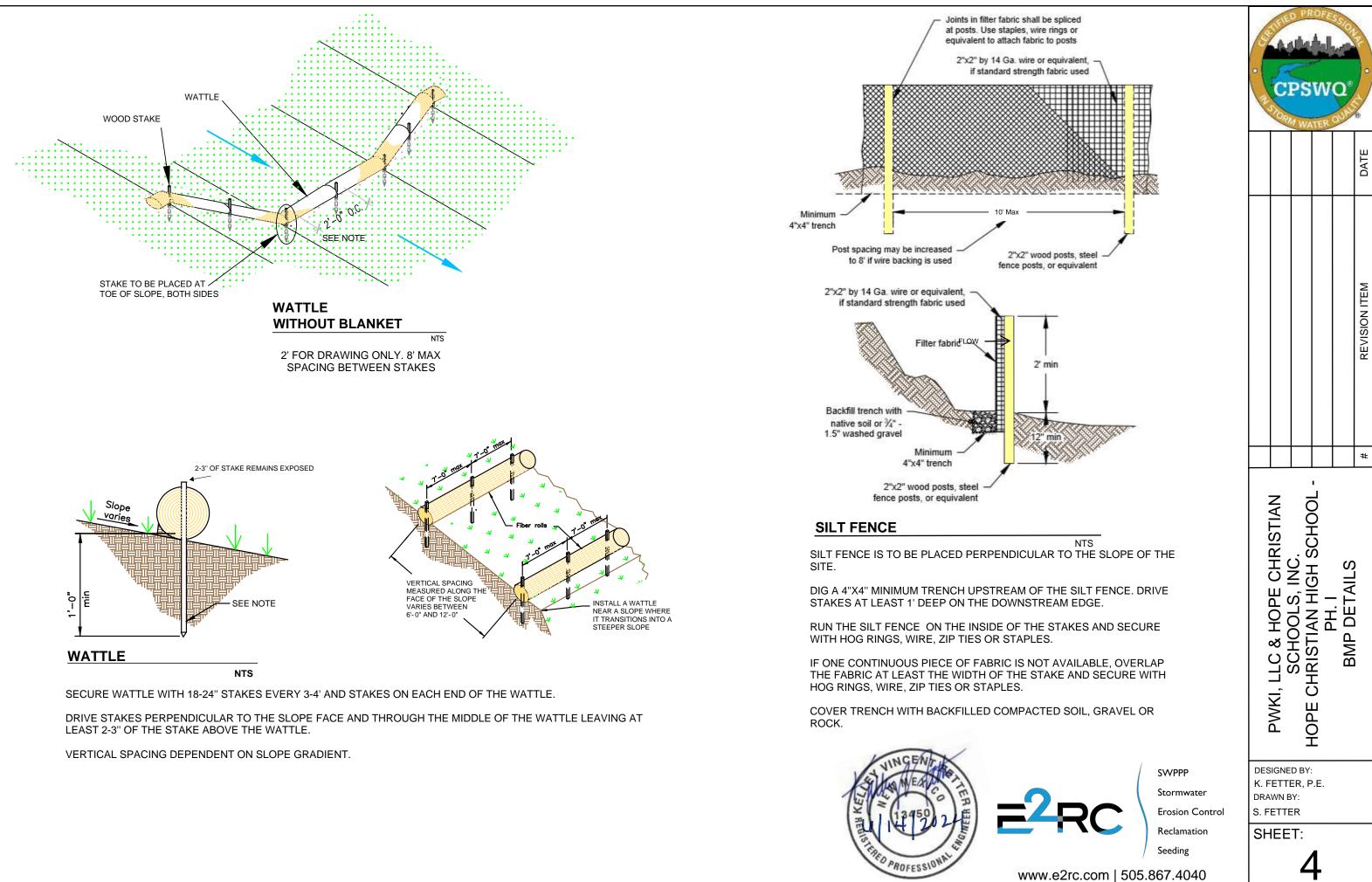


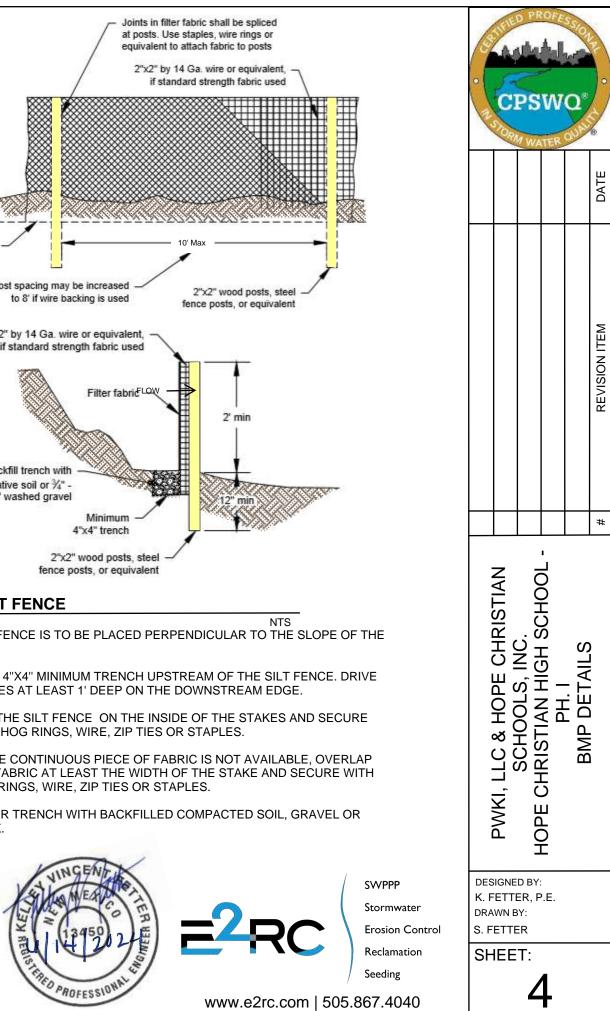
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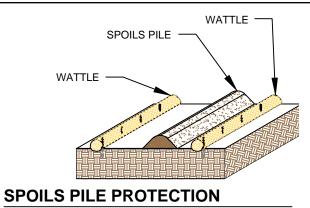
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| PWKI, LLC & HOPE CHRISTIAN<br>SCHOOLS, INC.<br>HOPE CHRISTIAN HIGH SCHOOL -<br>PH. I<br>SWPPP NOTES |   |  |  |  |               |  |  |  |
| K. F<br>DRA<br>S. F   | DESIGNED BY:<br>K. FETTER, P.E.<br>DRAWN BY:<br>S. FETTER |  |  |  |               |  |  |  |
|   | SHEET:<br>3 - GENERAL<br>NOTES                            |  |  |  |               |  |  |  |







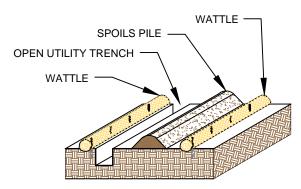
NTS

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.



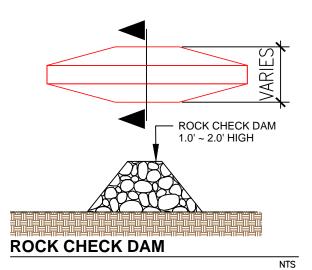
# OPEN TRENCH SPOILS PILE PROTECTION

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

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

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

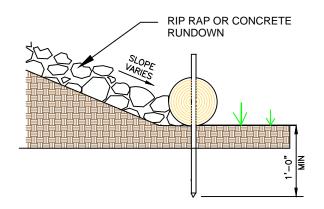
ONCE THE TRANCH IS BACKFILLED, WATTLES MAY BE REMOVED AND REUSED IN THE NEXT SECTION OF EXCAVATION PROVIDED THEY ARE IN GOOD CONDITION.



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

NTS

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.



NTS

## EARTHEN BEF

CONSTRUCT AN EARTHE TO BE CONTROLLED.

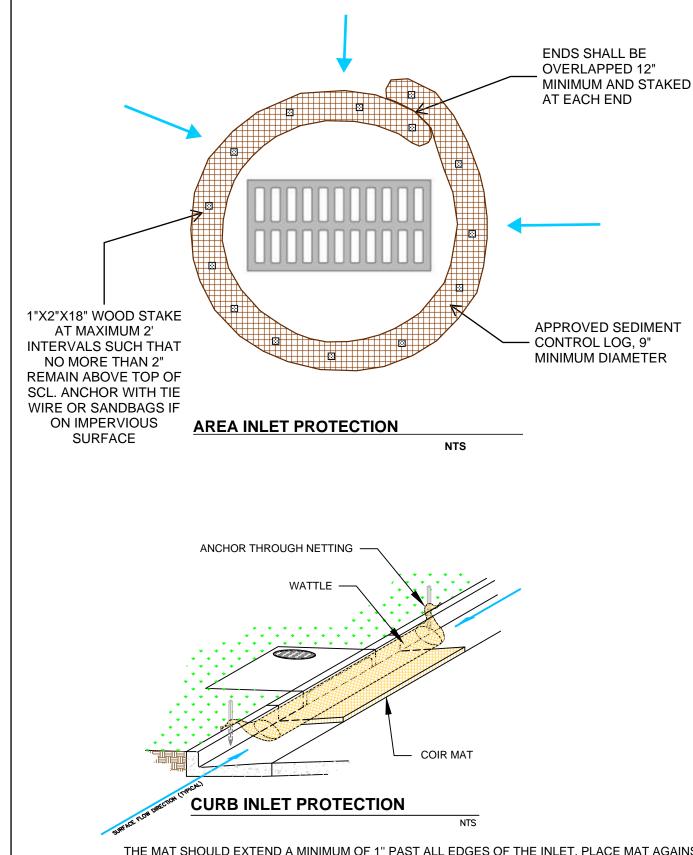
BERM SHOULD BE A MIN

USE EQUIPMENT TO COR ROLLING OVER BERM TO



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| EARTHEN BERM<br>1.0' ~ 1.5' HIGH<br>I.0' ~ 1.5' HIGH<br>MICHAE<br>MICHAE<br>MICHAE<br>MICHAE<br>MICHAE<br>MICHAE<br>MICHAE<br>MICHAE<br>MICHAE<br>MICHAE<br>MICHAE<br>MICHAE<br>MICHAE<br>MICHAE<br>MICHAE<br>MICHAE<br>MICHAE<br>MICHAE<br>MICHAE<br>MICHAE<br>MICHAE<br>MICHAE<br>MICHAE<br>MICHAE<br>MICHAE<br>MICHAE<br>MICHAE<br>MICHAE<br>MICHAE<br>MICHAE<br>MICHAE<br>MICHAE<br>MICHAE<br>MICHAE<br>MICHAE<br>MICHAE<br>MICHAE<br>MICHAE<br>MICHAE<br>MICHAE<br>MICHAE<br>MICHAE<br>MICHAE<br>MICHAE<br>MICHAE<br>MICHAE<br>MICHAE<br>MICHAE<br>MICHAE<br>MICHAE<br>MICHAE<br>MICHAE<br>MICHAE<br>MICHAE<br>MICHAE<br>MICHAE<br>MICHAE<br>MICHAE<br>MICHAE<br>MICHAE<br>MICHAE<br>MICHAE<br>MICHAE<br>MICHAE<br>MICHAE<br>MICHAE<br>MICHAE<br>MICHAE<br>MICHAE<br>MICHAE<br>MICHAE<br>MICHAE<br>MICHAE<br>MICHAE<br>MICHAE<br>MICHAE<br>MICHAE<br>MICHAE<br>MICHAE<br>MICHAE<br>MICHAE<br>MICHAE<br>MICHAE<br>MICHAE<br>MICHAE<br>MICHAE<br>MICHAE<br>MICHAE<br>MICHAE<br>MICHAE<br>MICHAE<br>MICHAE<br>MICHAE<br>MICHAE<br>MICHAE<br>MICHAE<br>MICHAE<br>MICHAE<br>MICHAE<br>MICHAE<br>MICHAE<br>MICHAE<br>MICHAE<br>MICHAE<br>MICHAE<br>MICHAE<br>MICHAE<br>MICHAE<br>MICHAE<br>MICHAE<br>MICHAE<br>MICHAE<br>MICHAE<br>MICHAE<br>MICHAE<br>MICHAE<br>MICHAE<br>MICHAE<br>MICHAE<br>MICHAE<br>MICHAE<br>MICHAE<br>MICHAE<br>MICHAE<br>MICHAE<br>MICHAE<br>MICHAE<br>MICHAE<br>MICHAE<br>MICHAE<br>MICHAE<br>MICHAE<br>MICHAE<br>MICHAE<br>MICHAE<br>MICHAE<br>MICHAE<br>MICHAE<br>MICHAE<br>MICHAE<br>MICHAE<br>MICHAE<br>MICHAE<br>MICHAE<br>MICHAE<br>MICHAE<br>MICHAE<br>MICHAE<br>MICHAE<br>MICHAE<br>MICHAE<br>MICHAE<br>MICHAE<br>MICHAE<br>MICHAE<br>MICHAE<br>MICHAE<br>MICHAE<br>MICHAE<br>MICHAE<br>MICHAE<br>MICHAE<br>MICHAE<br>MICHAE<br>MICHAE<br>MICHAE<br>MICHAE<br>MICHAE<br>MICHAE<br>MICHAE<br>MICHAE<br>MICHAE<br>MICHAE<br>MICHAE<br>MICHAE<br>MICHAE<br>MICHAE<br>MICHAE<br>MICHAE<br>MICHAE<br>MICHAE<br>MICHAE<br>MICHAE<br>MICHAE<br>MICHAE<br>MICHAE<br>MICHAE<br>MICHAE<br>MICHAE<br>MICHAE<br>MICHAE<br>MICHAE<br>MICHAE<br>MICHAE<br>MICHAE<br>MICHAE<br>MICHAE<br>MICHAE<br>MICHAE<br>MICHAE<br>MICHAE<br>MICHAE<br>MICHAE<br>MICHAE<br>MICHAE<br>MICHAE<br>MICHAE<br>MICHAE<br>MICHAE<br>MICHAE<br>MICHAE<br>MICHAE<br>MICHAE<br>MICHAE<br>MICHAE<br>MICHAE<br>MICHAE<br>MICHAE<br>MICHAE<br>MICHAE<br>MICHAE<br>MICHAE<br>MICHAE<br>MICHAE<br>MICHAE<br>MICHAE<br>MICHAE<br>MICHAE<br>MICHAE<br>MICHAE<br>MICHAE<br>MICHAE<br>MICHAE<br>MICHAE<br>MICHAE<br>MICHAE<br>MICHAE<br>MICHAE<br>MICHAE<br>MICHAE<br>MICHAE<br>MICHAE<br>MICHAE<br>MICHAE<br>MICHAE<br>MICHAE<br>MICHAE<br>MICHAE<br>MICHAE<br>MICH | PWKI, LLC & HOPE CHRISTIAN | HOPE CHRISTIAN HIGH SCHOOL - | RMP DFTAILS |               |  |
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| Erosion Control<br>Reclamation   | S. FETTE                   | ER                           |             |               |  |
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PROFE



Lot Entrance 10 LINEAR FEET Curb SEDIMENT 4

#### **CUTBACK CURB**

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CUTBACK CURBS SHOULD TYPICALLY BE INSTALLED WHEN ACCESS IS NEEDED.

SOIL SHOULD BE CUT BACK FROM BEHIND THE CURE ROADWAY A MINIMUM 2" DOWN FROM THE TOP OF T

BRING THE SOIL BACK >10 FEET FT FROM THE HARD SEDIMENT TRAP.

THE LOWEST POINT OF THE SEDIMENT POND SHALL

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

THE DEPTH AND LENGTH OF THE EXCAVATED AREA MORE STORAGE IS NEEDED.

INSPECT BMPs PRIOR TO FORCAST PRCIPITATION, D PRECIPITATION EVENTS, AFTER PRECIPITATION EVEN LIFE OF THE PROJECT.

MAINTAIN PROPER DEPTH AND LENGTH OF THE CUT DURATION OF THE PROJECT.

KEEP CUTBACK AREA CLEAN AND FREE OF TRASH A

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.

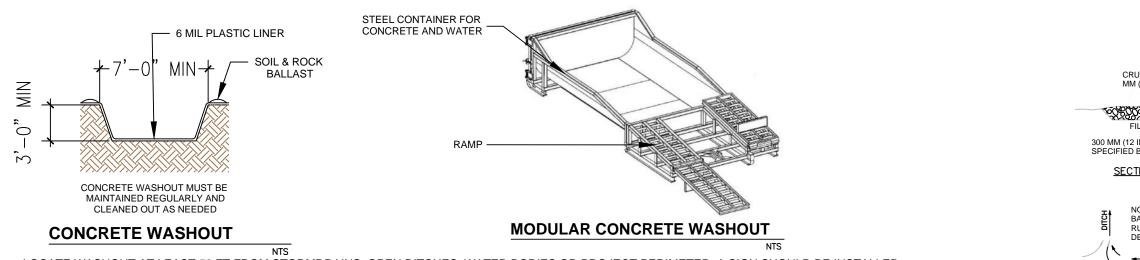
THE MAXIMUM HEIGHT OF THE PROTECTIVE BARRIER MUST BE LOWER THAN THE TOP OF THE CURB OPENING. THIS ALLOWS OVERFLOW INTO THE INLET DURING LARGE PRECIPITATION EVENTS.

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.



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|                    | , LLC & HOPE CHI | SCHOOLS, INC.        |                       | RMP DFTAILS                  |               |
|                    | PWK              |                      | П<br>Л<br>Л<br>Л<br>Л |                              |               |
| DES<br>K. F<br>DRA | BIGNE            | ED BY<br>ER ,<br>BY: | :                     |                              |               |
|                    |                  | HRISTIAN             | HRISTIAN<br>C.        | HRISTIAN<br>C.<br>H SCHOOL - |               |

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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.

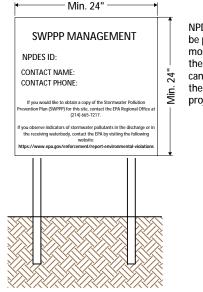


### PORTABLE TOILET STAKING

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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.



#### 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)

UP TO 50' ~ 0" Existing

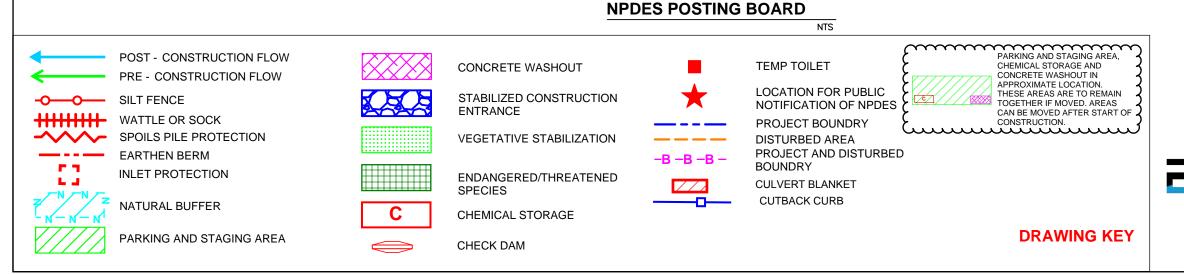
# STABILIZED CONSTRUCTION ENTRANCE

PROJECTS ACCESS AREA.

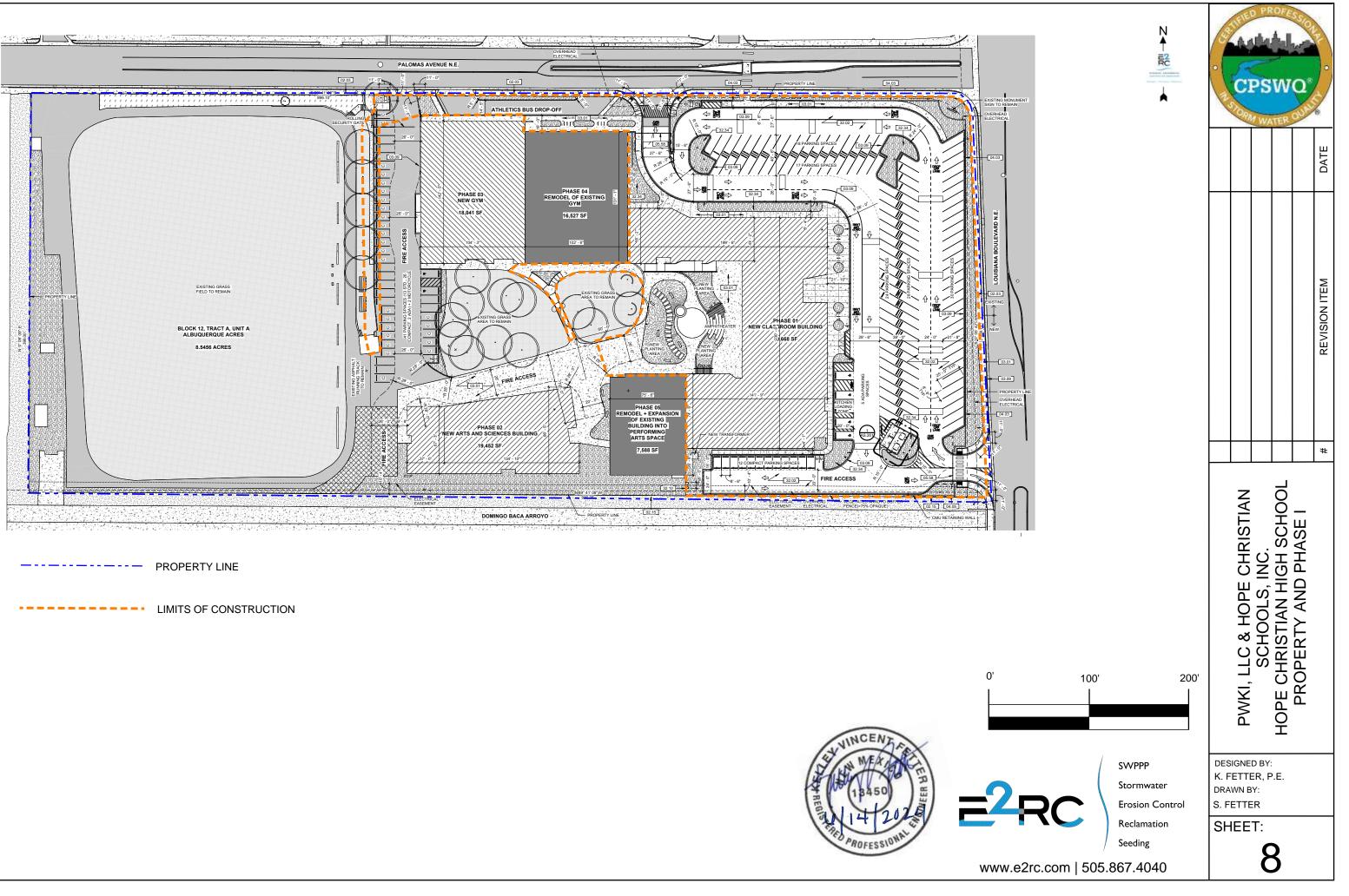
TO PREVENT RUNOFF.

OF THE WAY.

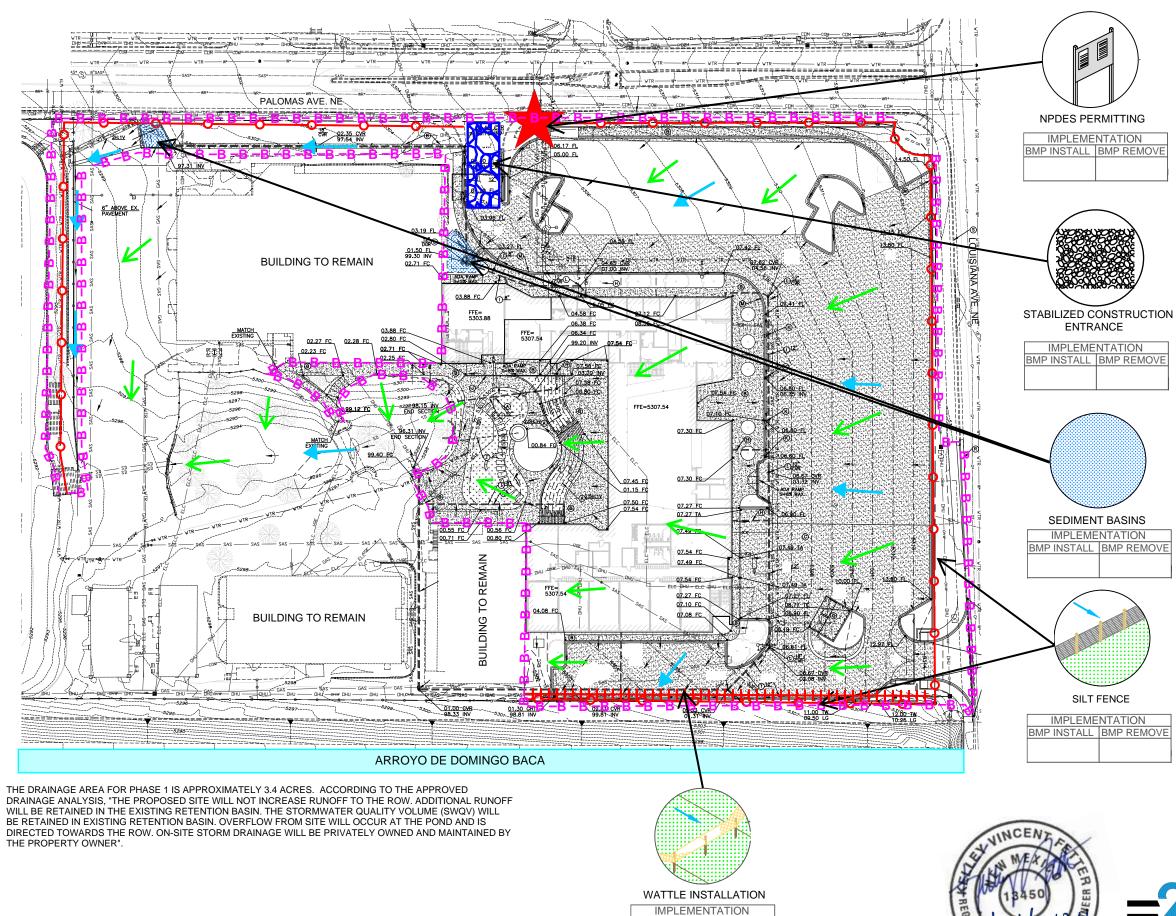
FOR ANY REPAIRS THAT MAY BE NEEDED.



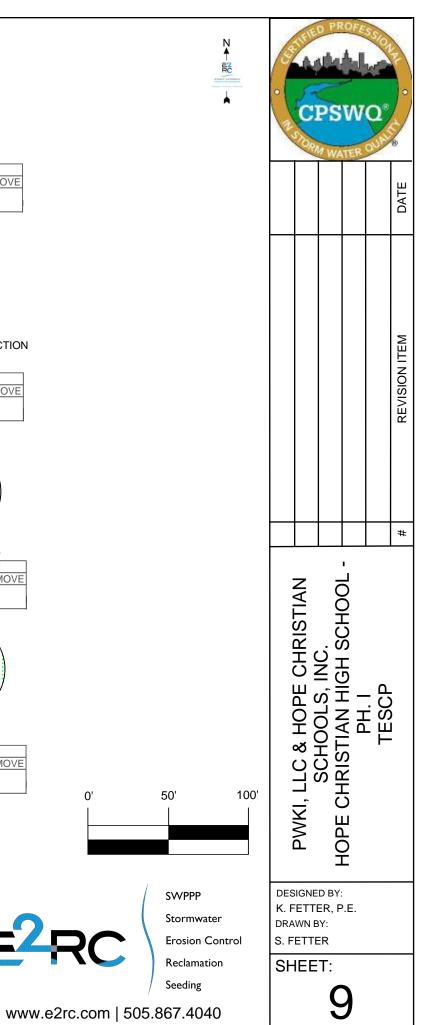




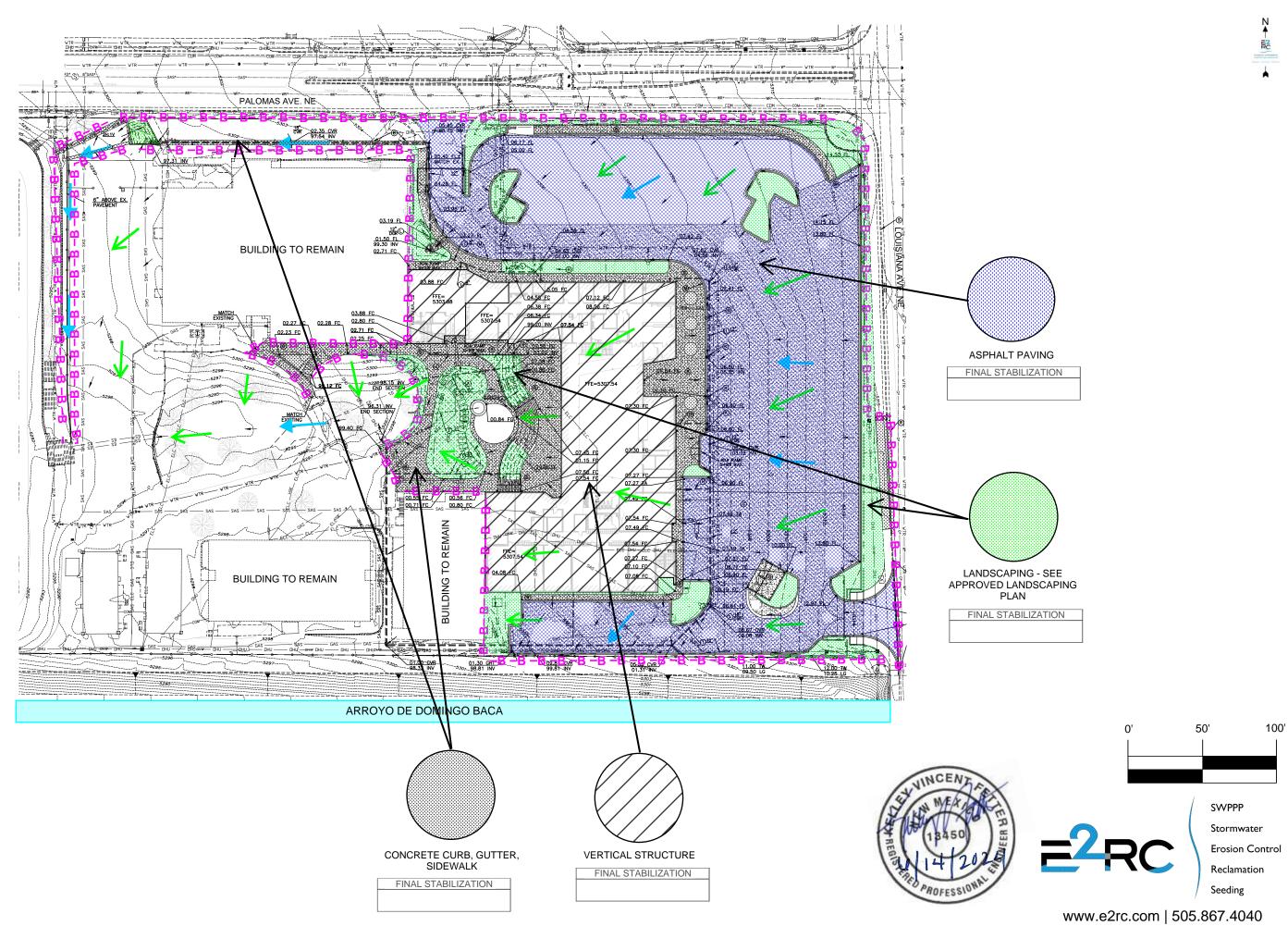


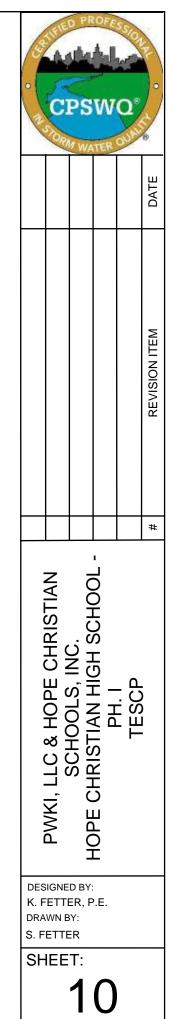


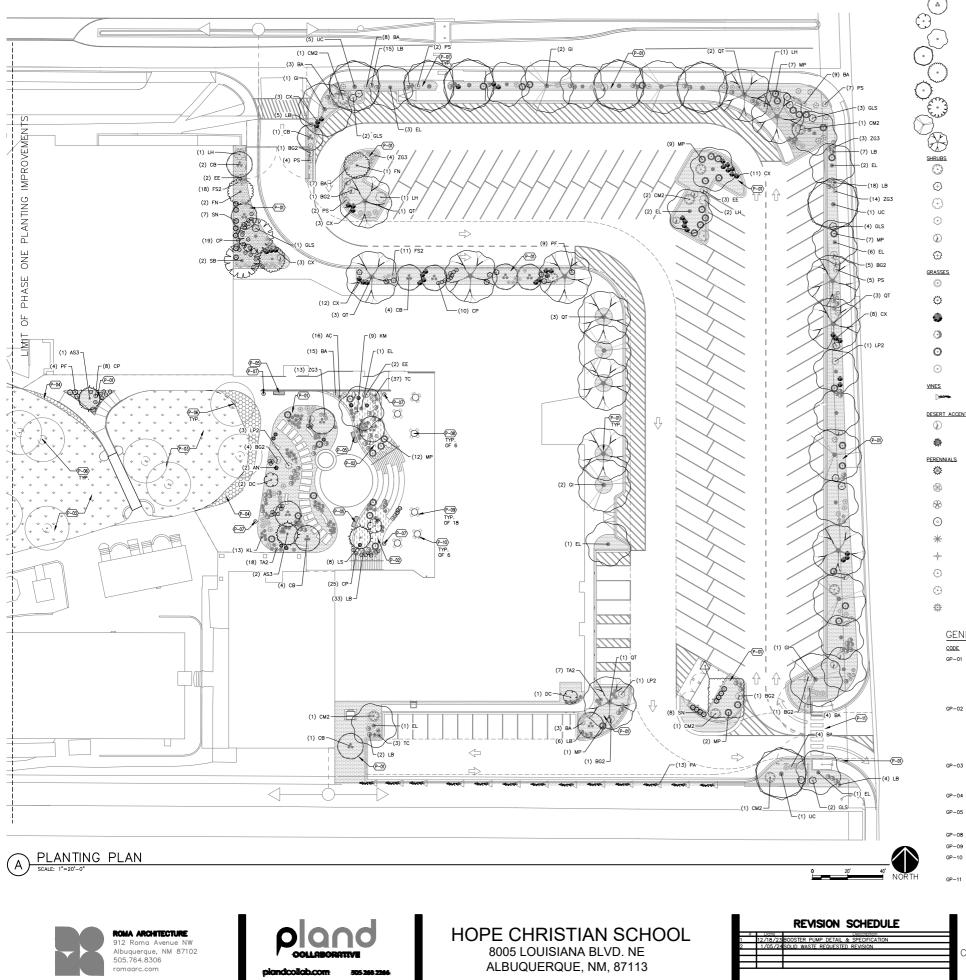
BMP INSTALL BMP REMOVE



ROFESS







| S                | CODE                                       | QTY   | BOTANICAL NAME   | OMMON NAME   |              |  | REMARKS                                   | HT.               | SPD.                            | INSTALLED SIZE                   |
|------------------|--|---|--|--|--------------|--|---|-------------------|---------------------------------|----------------------------------|
| <u>_</u>         | CB   | 13  |  |  |              |  | 24" BOX                                   | 20'               | <u>3FD.</u><br>20'              | 5'- 7' HT., MS                   |
| 9                |  |   |  |  |              |  |   | 20                | 20<br>8'                        | 5- / HT., MS                     |
| ٦                | DC   | 3   |  |  |              |  | 15 GAL.                                   | -                 | -                               |                                  |
| $\rangle$        | EL   | 17  |  | SCARPMENT LIVE   | OAK          |  | 24" BOX                                   | 30'               | 25'                             | 2" CAL., 10'-12'                 |
| <b>N</b> N       | UC   | 7   |  | RONTIER ELM  |              |  | 24" BOX                                   | 35'               | 30'                             | 2" CAL., 10'-12'                 |
| Free Contraction | FN   | 3   |  | EW MEXICO OLIVE  |              |  | 24" BOX                                   | 15'               | 15'                             | MIN. 4' HT. MS                   |
| У.               | AS3  | 3   |  | OCKY MOUNTAIN  |              |  | 24" BOX                                   | 20'               | 15'                             | 2" CAL., 8'-10'⊦                 |
| L. L.            | SB   | 2   |  | ENSATION BOX EL  |              |  | B&B                                       | 30'               | 20'                             | 2" CAL., 10'-12'                 |
| 5                | GIA  |   |  | KYLINE THORNLES  | S HONEY LOC  | UST  | 24" BOX                                   | 40'               | 30'                             | 2" CAL., 12'-14'                 |
| 2                | QT {                                       | 13  |  |  |              | 24" BOX  | 35'                                       | 30'               | 2" CAL., 10'-12'                |                                  |
| <u>BS</u>        | CODE<br>CM2                                | <u>QTY</u><br>9                                     |  |  |              | REMARKS<br>5 GAL.  | <u>нт.</u><br>6'                          | <u>SPD.</u><br>6' | INSTALLED SIZE<br>MIN. 18" SPD. |                                  |
| }                | GLS  | 12  | RHUS AROMATICA 'GRO-LOW'   | RO-LOW SUMAC   |              |  | 5 GAL.                                    | 3'                | 5'                              | MIN. 18" SPD.                    |
| 3                | LH   | 5   |  | EAVENLY CLOUD  | BAROMETERBL  | JSH  | 5 GAL.                                    | 5'                | 6'                              | MIN. 18" SPD.                    |
| 1                | LP2  | 5   | AMORPHA CANESCENS  | EADPLANT   |              |  | 5 GAL.                                    | 3'                | 4'                              | MIN. 12" HT.                     |
| )                | EE   | 9   |  | A HUANG  |              |  | 1 GAL.                                    | 4'                | 4'                              | MIN. 12 11.                      |
| ,<br>,           | PF   | 9<br>13   |  | HRUBBY CINQUEFO  | ווכ          |  | 5 GAL.                                    | 2'                | 4<br>3'                         | MIN. 18 3-D.                     |
| SES              | CODE.                                      |   |  | COMMON_NAME  |              |  | REMARKS                                   | 2<br>НТ.          | S                               | INSTALLED SIZE                   |
| _                | BA   | 58  |  | BLONDE AMBITION  | BLUE GRAMA   |  | 3 GAL.                                    | 2'                | 3'<br>3'                        | MIN. 8" HT.                      |
|                  | SN   | 15  | SORGHASTRUM NUTANS   | INDIAN GRASS   |              |  | 3 GAL.                                    | 4'                | 3'                              | MIN. 12" HT.                     |
| •                | сх   | 43  | CALAMAGROSTIS X ACUTIFLORA 'KARL FOERSTER' K   | IS X ACUTIFLORA 'KARL FOERSTER' KARL FOERSTER FEATHER REED GRASS |              | 5 GAL.   | 3'-6"                                     | 2'-6"             | MIN. 12" HT.                    |                                  |
| 1                | LB   | 93  | SCHIZACHYRIUM SCOPARIUM  | LITTLE BLUESTEM  |              |  | 1 GAL.                                    | 2'                | 2'                              | MIN. 12" HT.                     |
|                  | MP   | 42  | NUHLENBERGIA X 'PINK FLAMINGO' PINK FLAMINGO MUHLY   |  |              | 5 GAL.   | 4'  | 4'                | MIN. 12" HT.                    |                                  |
|                  | FS2  | 29  | FESTUCA OVINA GLAUCA B   | BLUE FESCUE  |              |  | 1 GAL.                                    | 1'                | 1'-6"                           | MIN. 12" SPD.                    |
|                  | CODE.                                      | QTY   | BOTANICAL NAME   | COMMON NAME  |              |  | REMARKS                                   | HI.               | SPD.                            | INSTALLED SIZE                   |
|                  | PA   | 13  | POLYGONUM AUBERTII S   | ERTII SILVER LACE VINE   |              |  | 5 GAL.                                    | CLIMBING          | 12'                             | MIN. 4' HT.                      |
| RT_ACCENTS       | <u>CODE</u><br>BG2                         | <u>QTY</u><br>15                                    |  |  |              |  | REMARKS<br>5 GAL.                         | HT.<br>4'         | <u>SPD.</u><br>5'               | INSTALLED SIZE<br>MIN. 12" HT.   |
| ł                | AN   | 3   | AGAVE NEOMEXICANA  | NEW MEXICO AGAVE   |              | 1 GAL.   | 2'  | 2'-6"             | MIN. 18" SPD.                   |                                  |
| INIALS           | <u>CODE</u>                                | QTY   |  |  |              | REMARKS  | HT.                                       | <u>SPD.</u>       | INSTALLED SIZE                  |                                  |
| -                | LS   | 8   |  | BLAZING STAR   |              | 1 GAL.   | 2'  | 2'                | MIN. 12" HT.                    |                                  |
| 1                | TA2  | 25  |  | REEPING GERMANE  | DER          |  | 1 GAL.                                    | 1'                | 2                               | MIN. 12" HT.                     |
|                  | TC   | 46  | TEUCRIUM CHAMAEDRYS G  | ERMANDER   |              |  | 1 GAL.                                    | 1'-6"             | 2'                              | MIN. 12" HT.                     |
| )                | CP   | 62  | CERATOSTIGMA PLUMBAGINOIDES  | EAD WORT PLUMB   | AGO          |  | 1 GAL.                                    | 12"               | 12"                             | MIN. 6" SPD.                     |
|                  | KL   | 13  | KNIPHOFIA X 'LEMON POPSICLE'   | EMON POPSICLE D  | WARF HOT P   | OKER   | 1 GAL.                                    | 1'-6"             | 2                               | MIN. 6" SPD.                     |
|                  | KM   | 9   | KNIPHOFIA X 'MANGO POPSICLE'   | ANGO POPSICLE H  | IOT POKER    |  | 1 GAL.                                    | 1'-6"             | 1'-6"                           | MIN. 6" SPD.                     |
| l                | ZG3  | 34  | ZAUSCHNERIA GARRETTII 'PWWG01S' TM C   | RANGE CARPET H   | UMMINGBIRD   | TRUMPET  | 1 GAL.                                    | 6"                | 2'                              | MIN. 12" SPD.                    |
|                  | PS   | 23  | ARTEMISIA LUDOVICIANA P  | RARIE SAGE   |              |  | 1 GAL.                                    | 3'                | 3'                              | MIN. 12" HT.                     |
|                  | AC   | 16  | AGASTACHE CANA T   | EXAS HUMMINGBIR  | D MINT       |  | 1 GAL.                                    | 2'                | 2'                              | MIN. 12" HT.                     |
|                  |  |   | NTING NOTES SCHEDULE   | _  | PLANT        | ING S  | CHEDU                                     | JLE               |                                 |                                  |
| CODE<br>GP-01    | DESCR                                      |   | DETAIL   |  | CODE<br>P-01 | DESCRIPT<br>CRUSHER  | FINES MULC                                | H, COLOR -        | - MOUNT                         | AINAIR                           |
|                  | SHOWN<br>THE PI<br>PLAN<br>QUANT<br>ADDITI | I ON TH<br>LANTING<br>SHALL (<br>ITIES PI<br>ONAL P | ISCREPANCY IN PLANT QUANTITIES<br>E PLANT LEGEND AND THOSE SHOWN ON<br>PLAN, THE QUANTITIES SHOWN ON THE<br>OVERN. CONTRACTOR SHALL VERIFY ALL<br>INGO TO BID AND INSTALLATION. NO<br>YMENT WILL BE MADE FOR ANY<br>S IN QUANTIES BETWEEN THE FLANTING |  |              | BROWN A<br>503-776   | VAILABLE FF<br>5, INSTALLEE<br>XCEPT AS 1 | OM JPR GR         | AVEL (50<br>PTH OVER            | 05)<br>R FILTER                  |
| GP-02            | PLAN                                       | AND TH  | S IN QUANTITIES BETWEEN THE PLANTING<br>PLANT UST<br>DISCREPANCY IN THE FIELD OR<br>WEEN THE CONTAINER SIZE CALLED OUT<br>KSC <sup>S</sup> AND HEIGHT & SPREAD CALLED  |  | P-02         | 1" AVAILA  | ULCH, COLO<br>BLE FROM (<br>) AT 4" DEF   | JPR GRAVEL        | (505)50                         | DWN, 3/8" -<br>13-7765,<br>BRIC. |
|                  | OUT U                                      | NDER "I<br>MFFT H                                   | NSTALLED SIZE", THE SPECIFIED PLANT<br>FIGHT & SPREAD REQUIREMENTS   |  | P-03         | EXISTING   | COOL SEASO                                | ON TURF GR        | ASS TO                          | REMAIN                           |
|                  | SPECIF                                     | IED UNI<br>R CONT<br>ICATION                        | LIGHT & STREAD RECORDENTS<br>RECENTISTATED SIZE", EVEN IF A<br>NINER SIZE IS REQUIRED TO MEET THESE<br>S, AT NO ADDITIONAL COST TO THE   |  | P-04         | SHALL BE   | NEW SOD AT                                | LUEGRASS"         | AS AVAIL                        | ABLE FROM                        |
| GP-03            | NEEDL                                      | E-PUNC<br>ALENT).                                   | SHALL BE MIN. 4 OZ. NON-WOVEN<br>HED POLYPROPYLENE (MIRAFI OR<br>OVERLAP ENDS 3" AND TURN DOWN   |  | P-05         | LAYOUT AS REQUIRE TO PROVIDE UNIFORM COVERAGE.<br>FURNISH AND INSTALL EXPOSITION 6' CONTOUR BENCH<br>FROM ANOVA FURNISHINGS. SURFACE MOUNT PER<br>MANUFACTUREN'S INSTRUCTIONS. MODEL: LEXC6. |   |                   | TOUR BENCH                      |                                  |
| GP-04            | THE TO                                     | OP OF 1   | NULCH SHALL BE 1" BELOW TOP OF   |  | SYMBOL       | COLOR: BY ARCHITECT.   |   |                   |                                 |                                  |
| GP-05            | THE C                                      | ONTRAC  | VED SURFACES.  | ٢  | P-06         | EXISTING TREE TO REMAIN  |   |                   |                                 |                                  |
|                  |  | NUS TR  | EES AS DIRECTED BY LANDSCAPE<br>THE FIELD.   |  |              |  |   |                   |                                 |                                  |

 
 THE TOP OF MULCH SHALL BE 1" BELOW TOP OF ADJACENT PAVED SURFACES.
 SYMEOL
 DESCRIPTION

 THE CONTRACTOR SHALL PRUNE LOWER BRANCHES OF DECODUOUS TREES AS DIRECTED BY LANDSCAPE ARCHITECT IN THE FIELD.
 P-06
 EXISTING TREE T

 THE CONTRACTOR SHALL INSTALL TREES PER DETAIL.
 12/LIS01
 P-07
 FURNISH AND IN: WITH SUBJECTORS.

 THE CONTRACTOR SHALL INSTALL SHRUBS PER DETAIL.
 12/LIS01
 P-08
 FURNISH AND IN: WITH SUBJECTORS.

 THE CONTRACTOR SHALL INSTALL SHRUBS PER DETAIL.
 11/LIS01
 P-08
 FURNISH AND IN: WITH SUBJECTORS.

 FURNISH AND IN: WITH CRUSHER FINES WHERE SLOPE IN PLANTERS STACKING CHARE FABRIC CUTORS FOR GONAUCHERS, BUT OUTS SHALL BE A SINGLE HOLE ENCOMPASSING DUT RECOVER SCHALLE AS DECOMPASSING
 P-09
 FURNISH AND IN: STACKING CHARE STACKING CHARE STACKING CHARE STACKING CHARE STACKING CHARE SCHED DUTS SHALL BE A SINGLE HOLE ENCOMPASSING
 P-10
 FURNISH AND IN: STACKING CHARE STACKING CHARE STACKING CHARE STACKING CHARE STACKING CHARE STACKING CHARE SCHED

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100% FOR CONSTRUCTION P-10 FURNISH AND INSTALL FREESTANDING STAR OUTDOOR STACKING ARMCHAIR FROM EMUAMERICAS LLC. MODEL: E162N. COLOR: BY ARCHITECT.

COLOR: BY

PLANTING PLAN LP101