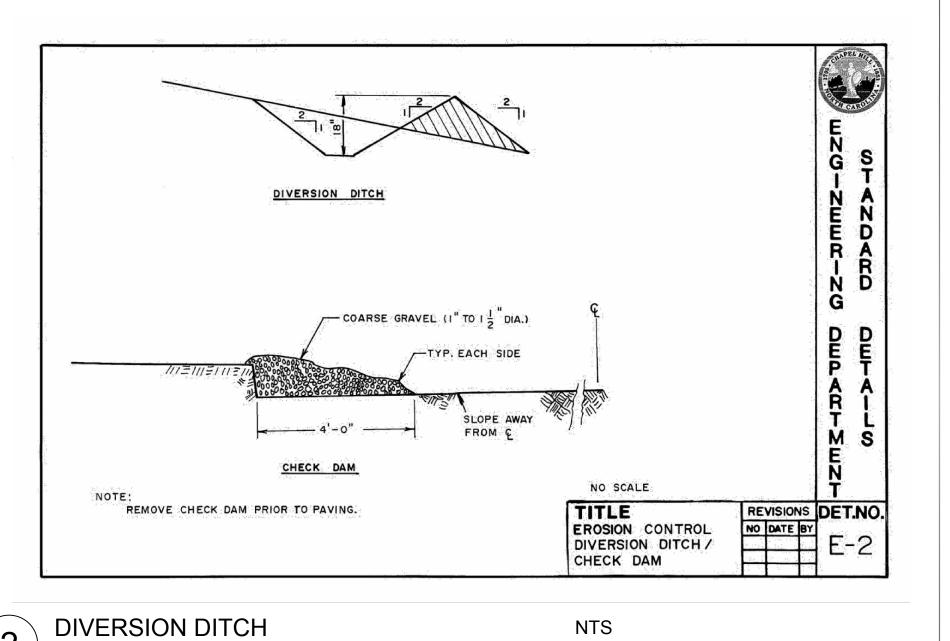


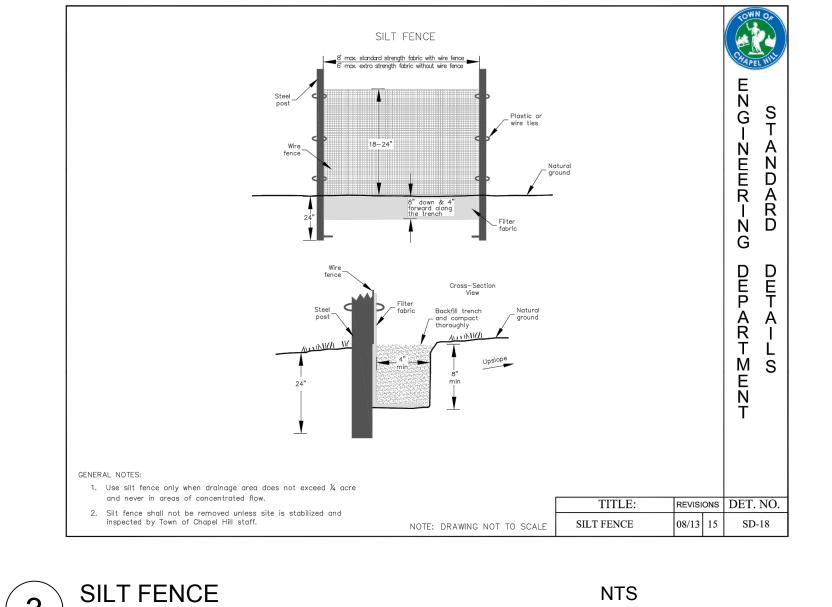
NTS

NOTE: USE SILT FENCE OUTLETS ONLY WHEN DRAINAGE AREA DOES NOT EXCEED 1/4 ACRE AND THERE IS A LOW AREA. USE AS A REPAIR OF SILT FENCE FAILURES.

CONSTRUCTION ENTRANCE

HARDWARE CLOTH





-FILTER BERM SILT FENCE TIED

TYPICAL SECTION - UNREINFORCED NO SCALE TITLE

EROSION CONTROLSEDIMENT TRAP

REVISIONS DET.NO.

NO DATE BY

E-3 TYPICAL SECTION - REINFORCED

3/8" = 1'-0"

Side View NOTE: DRAWING NOT TO SCALE SILT FENCE OUTLET 08/13 15 SD-19 SILT FENCE OUTLET
SECTION NTS

SILT FENCE OUTLET

SEDIMENT TRAP

Seal:

TOWN OF CARRBORO 301 W. MAIN STREET

CARRBORO, NC 27510 T: (919) 918-7364

MARTIN LUTHER

KING, JR.

PARK

F: (919) 918-4475

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PRELIMINARY - DO NOT

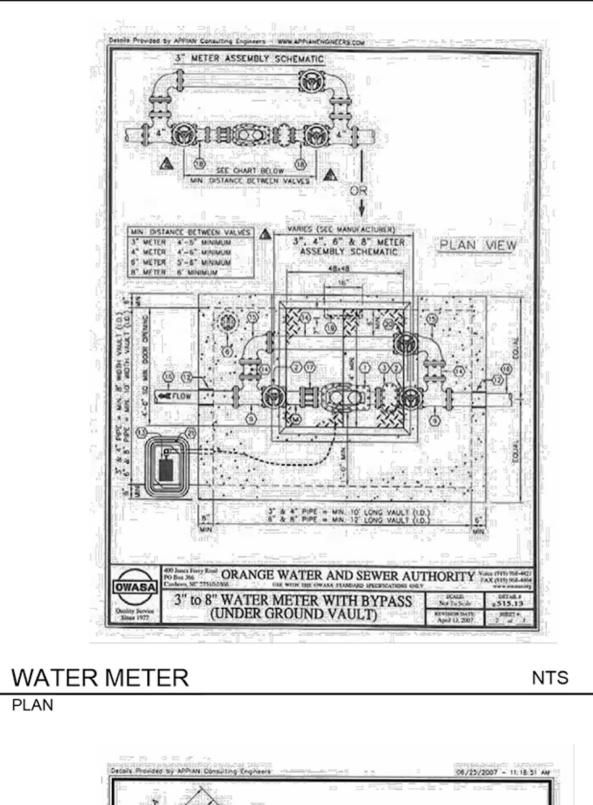
USE FOR CONSTRUCTION

No.	Date	Description

SCALE: N.T.S.

**EROSION CONTROL DETAILS** 

Project number: C16146 Sheet: c.j. C9.10



FOR ALL BEND FITTINGS

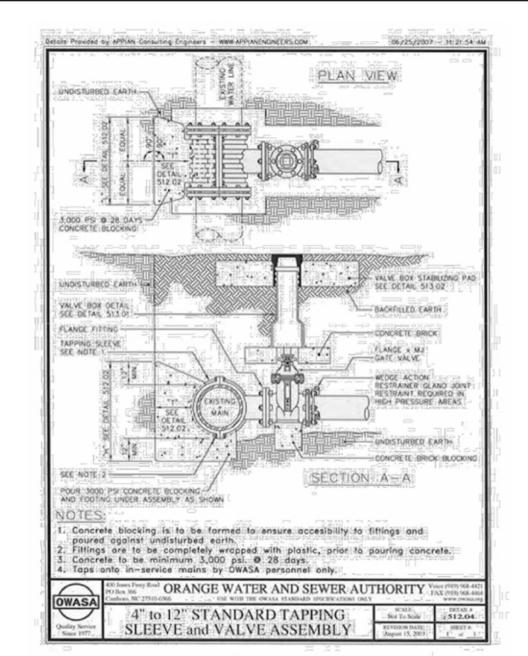
 Concrete blocking is to be formed to ensure accessibility to fittings and poured against undisturbed earth.
 Fittings are to be completely wrapped with plastic, prior to pouring concrete.
 Concrete to be minimum 3,000 psi. 9 28 days. ors Ferry Road ORANGE WATER AND SEWER AUTHORITY BLOCKING DETAIL for HORIZONTAL BENDS AND TEE

BLOCKING

Details Provided by APPIAN Consulting Engineers - WWW.APPIANENCINEERS.COM - 06/25/2007 - 12 12 35 PM Foundation stone shall be required when soil conditions are unsuitable.
 An additional 1 inch depth of cushioning material will be required for each additional 2 feel of french depth in excess of 16 feet up to a maximum of 12 inches of cushioning material. ORANGE WATER AND SEWER AUTHORITY FAX ( SANITARY SEWER

SANITARY SEWER BEDDING NTS

BEDDING DETAIL



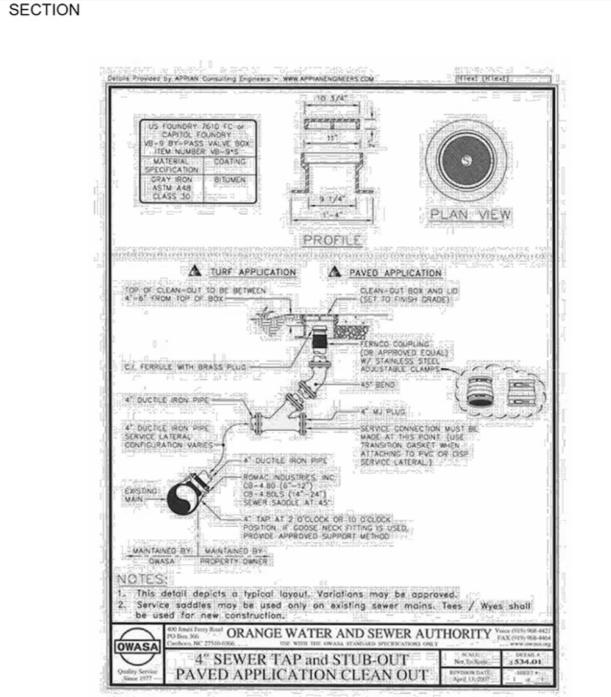
TAPPING SLEEVE AND VALVE

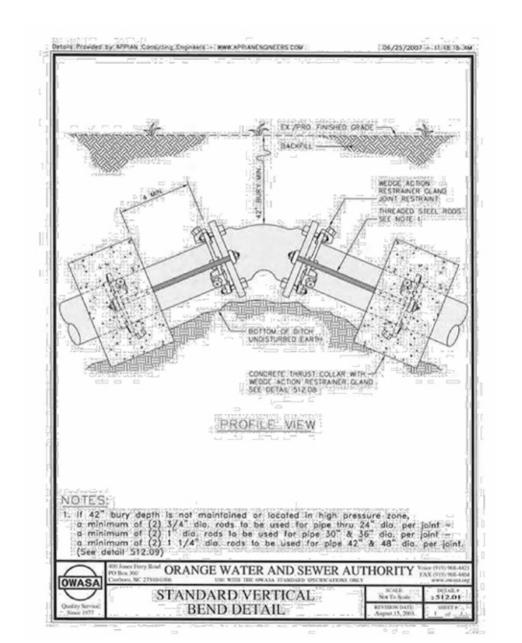
- 4 MIN OR AS SHOWN ON PLANS 2 MIN SHOULDER MECHANICAL JOINT TEE & WAIN TYPICAL EYE BOLT 1. Wedge action restrainer gland joint restraints are preferred, and may be used with the rods.
2. Hydrants to be placed with pumper nazzle tacing the street or as otherwise directed by OWASA.
3. When valve box is placed outside of pavement, provide concrete stabilization pad. (detail 513.02).
4. Minimum of (2) 3/4" diameter rods w/standard coating.
5. Where hydrant is set behind guardrait, centerline of pumper nazzle to be a minimum of 12" and a maximum of 18 above top of guardrait.
6. Fire hydrant to be alled & greased and cap to be sprayed (Non-petroleum — based) after installation. or orange water and sewer authority " TYPICAL FIRE HYDRANT

STREETS with BAR DITCH

NTS

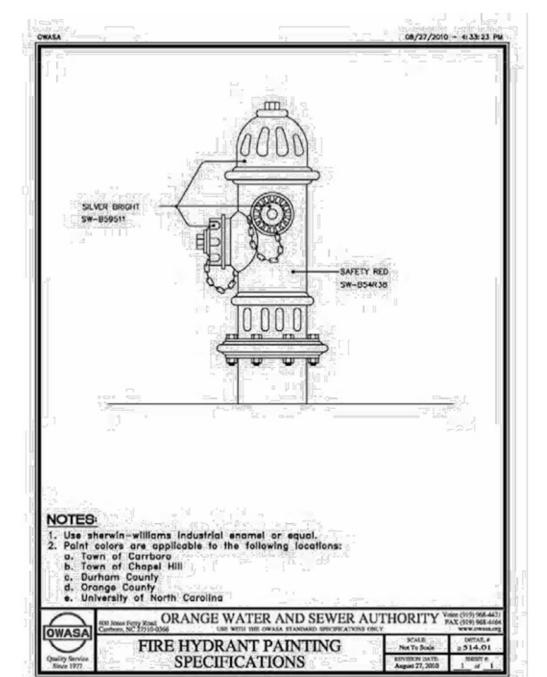
FIRE HYDRANT NTS





WATERLINE BEND

NTS



FIREHYDRANT PAINT

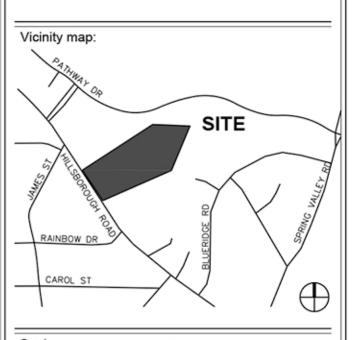
NTS

STEWART

TOWN OF CARRBORO 301 W. MAIN STREET CARRBORO, NC 27510 T: (919) 918-7364 F: (919) 918-4475

Project:

MARTIN LUTHER KING, JR. **PARK** 





Issued for:

60% DESIGN **DEVELOPMENT** 

No.	Date	Description
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SCALE: N.T.S.

UTILITY DETAILS

Project number: C16146 Sheet: 03.03.2017 cJJ C9.30 Drawn by: Approved by:

NTS

**CLEANOUT** 

NTS



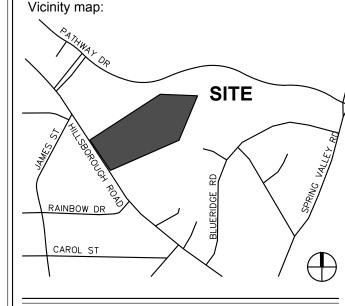
## LANDSCAPING NOTES:

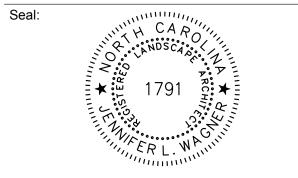
- 1. VERIFY ALL QUANTITIES AND REPORT ANY DISCREPANCIES OR INACCURACIES IN THE PLANS TO THE OWNER'S REPRESENTATIVE
- 2. LANDSCAPE WORK SHALL INCLUDE THE FURNISHING, INSTALLATION, AND WARRANTY OF ALL PLANTING MATERIALS WITHIN THE PROJECT AREA.
- 3. THE LANDSCAPE CONTRACTOR SHALL ASCERTAIN THE LOCATION OF ALL EXISTING AND NEW UNDERGROUND UTILITIES PRIOR TO EXCAVATION FOR PLANTING. DAMAGES TO UTILITIES CAUSED BY
- 4. LANDSCAPING SHALL REMAIN CLEAR FROM ANY FIRE HYDRANTS
- 5. ALL TREES TO BE A MINIMUM OF 2" IN CALIPER AND MUST MEET THE AMERICAN STANDARD FOR NURSERY STOCK.
- 6. TREE PROTECTION NOTE: TREE PROTECTION FENCING MUST BE IN PLACE PRIOR TO ANY DEMOLITION, LAND DISTURBANCE OR ISSUANCE OF A GRADING PERMIT AND SHALL INCLUDE WARNING SIGNS POSTED IN BOTH ENGLISH AND SPANISH, AS FOLLOWS: "NO TRESPASSING/TREE PROTECTION AREA/PROHIBIDO ENTRAR / ZONA PROTECTORA PARA LOS ÁRBOLES."
- PROTECTION OF EXISTING VEGETATION: AT THE START OF GRADING INVOLVING THE LOWERING OF EXISTING GRADE AROUND A TREE OR STRIPPING OF TOPSOIL, A CLEAN, SHARP, VERTICAL CUT SHALL BE MADE AT THE EDGE OF THE TREE SAVE AREA AT THE SAME TIME AS OTHER EROSION CONTROL MEASURES ARE INSTALLED. THE TREE PROTECTION FENCING SHALL BE INSTALLED ON THE SIDE OF THE CUT FARTHEST AWAY FROM THE TREE TRUNK AND SHALL REMAIN IN PLACE UNTIL ALL CONSTRUCTION IN THE VICINITY OF THE TREES IS COMPLETE. NO STORAGE OF MATERIALS, FILL, OR EQUIPMENT AND NO TRESPASSING SHALL BE ALLOWED WITHIN THE BOUNDARY OF THE PROTECTED AREA.
- ROOT ZONE PROTECTION AREA: VARIES BASED ON LOCAL JURISDICTION HAVING AUTHORITY. CONTRACTOR SHALL COMPLY WITH LOCAL JURISDICTIONAL REQUIREMENTS. NO DISTURBANCE ALLOWED WITHIN THIS AREA. AREA MUST BE PROTECTED WITH BOTH TREE PROTECTION FENCING AND WARNING SIGNS.
- SEED BED PREPARATION: ALL AREAS TO BE SEEDED ARE TO BE RECEIVE A MINIMUM OF 2" OF APPROVED TOPSOIL. ALL DEBRIS, ROCKS, ETC. LARGER THAN .5" ARE TO BE REMOVED. ALL LARGE CONCENTRATIONS OF GRAVEL & DEBRIS REGARDLESS OF SIZE ARE TO BE REMOVED PRIOR TO SEEDING OR PLANTING.
- 10. ALL PLANT BED AREAS ARE TO RECEIVE A MINIMUM OF 6" OF
- 11. SOIL SHOULD BE TESTED AND AMENDED WITH LIME AND FERTILIZER FOR HARDWOOD TREES ACCORDING TO NCDA PROCEDURES. SCARIFY PLANT PIT WALLS. CONSULT LANDSCAPE ARCHITECT FOR ALTERNATE COMPLIANCE.
- 12. SHREDDED HARDWOOD MULCH 3" DEEP EXCEPT AT CROWN OF PLANT UNLESS OTHERWISE NOTED. FLARE AT CROWN SHOULD BE REVEALED. BACKFILL CONSISTS OF THOROUGHLY BROKEN UP NATIVE SOIL. TOTAL VOLUME OF BACKFILL SHOULD BE AMENDED WITH UP TO ONE THIRD PINE BARK MULCH. PIECES SHOULD BE NO LARGER THAN WHAT PASSES THROUGH A ONE INCH SCREEN. IF ADDITIONAL SOIL IS REQUIRED FOR BACKFILL DUE TO DETRIMENTAL SUBSOIL DRAINAGE CONDITIONS, USE SOIL SIMILAR TO EXISTING NATIVE SOIL. ADDITIONAL SOIL TO BE APPROVED BY LANDSCAPE ARCHITECT. MAXIMUM SAUCER HEIGHT IS 6 INCHES.
- 13. TOP OF ROOTBALL TO BE RAISED 2-3 INCHES ABOVE EXISTING
- 14. FOR B&B PLANTS, NATURAL FIBER BURLAP SHOULD BE TURNED DOWN BY 1/3 TOTAL HEIGHT OF ROOT BALL. PLASTIC FIBER BURLAP AND WIRE BASKETS SHOULD BE REMOVED TO 2/3'S OF TOTAL HEIGHT OF ROOT BALL.
- 15. CONTRACTOR IS RESPONSIBLE FOR KEEPING THE TREE UPRIGHT AND PLUMB THROUGHOUT THE WARRANTY PERIOD. IF STABILIZATION IS NECESSARY SEE STAKING IN TREE DETAIL, ORANGE FLAGGING TAPE SHOULD BE ATTACHED TO SUPPORT WIRE. STAKING SHOULD BE REMOVED BY CONTRACTOR AT END OF ONE YEAR WARRANTY PERIOD OR AS DIRECTED BY GROUNDS
- 16. USE STANDARD "GATOR" BAGS FOR WATERING TREES IN AREAS NOT UNDER IRRIGATION. INCORPORATE TERRA-SORB (OR EQUAL) AS PER MANUFACTURERS RECOMMENDATIONS, FOR AREAS NOT
- 17. USE "BIO-BARRIER" OR EQUIVALENT ACCORDING TO MANUFACTURER'S RECOMMENDATION FOR TREES THAT WILL BE PLANTED WITHIN 10' OF PAVEMENT
- 18. LANDSCAPING/C.O. STANDARDS NOTE: ALL LANDSCAPING MUST BE IN PLACE PRIOR TO REQUEST FOR A CERTIFICATE OF
- 19. PERENNIAL SEED MIX CONTAINS THE FOLLOWING SPECIES: ACHILLEA MILLEFOLIUM, AGASTACHE FOENICULUM, ALLIUM STELLATUM, APOCYNUM CANNABINUM, ASCLEPIAS INCARNATA, ASCLEPIAS SYRIACA, ASCLEPIAS TUBEROSA, ASCLEPIAS VERTICILLATA, ASTER ERICOIDES, ASTER LAEVIS, CHAMAECRISTA FASCICULATA, COREOPSIS LANCELEOLATA, COREOPSIS PALMATA, DALEA CANDIDA, DALEA PURPUREA, ERYNGIUM YUCCIFOLIUM, HELIANTHUS PAUCIFLORUS, HELIOPSIS HELIANTHOIDES, LIASTRIS LIGULISTYLIS, MONARDA FISTULOSA, MONARDA PUNCTATA, PARTHENIUM INTEGRIFOLIUM, POTENTILLA ARGUTA, PYCNANTHEMUM VIRGINIANUM, RATIBIDA PINNATA, RUDEBECKIA HIRTA, SCROPHULARIA MARILANDICA, SOLIDAGO GRAMINIFOLIA, SOLIDAGO SPECIOSA, TRADESCANTIA OHIENSIS, VERBENA STRICTA, VERONICASTRUM VIRGINICUM, ZIZIA APTERA, ZIZIA AUREA, CEANOTHUS AMERICANUS, BOUTELOUA CURTIPENDULA ELYMUS CANADENSIS, KOELERIA MACRANTHA, SCHYZACHYRIUM SCOPARIUM, SPOROBOLUS HETEROLEPIS.
- 20. POLLINATOR SEED MIX CONTAINS THE FOLLOWING SPECIES: CHAMAECRISTA FASCICULATA, COREOPSIS LANCEOLATA, ACHILLEA MILLEFOLIUM, BIDENS ARISTOSA, GAILLARDIA PULCHELLA, ELYMUS CANADENSIS, ELYMUS VIRGINICUS, TRIPSACUM DACTYLOIDES, SORGHASTRUM NUTANS, RUDBECKIA HIRTA, SCHIZACHYRIUM SCOPARIUM, TRIDENS FLAVUS, ECHINACEA PURPUREA, SENNA HEBECARPA, HELIANTHUS ANGUSTIFOLIUS, HELIANTHUS MAXIMILIANII, MONARDA PUNCTATA, VERBENA HASTATA, ASCLEPIAS TUBEROSA, SYMPHYOTRICHUM
- 21. WETLAND SEED MIX CONTAINS THE FOLLOWING SPECIES: ELYMUS RIPARIUS, PANICUM RIGIDULUM, PANICUM DICHOTOMIFLORUM, CAREX VULPINOIDEA, PANICUM VIRGATUM, DICHANTHELIUM CLANDESTINUM, BIDENS ARISTOSA, JUNCUS EFFUSUS, POLYGONUM PENSYLVANICUM, AND SPARGANIUM AMRICANUM.



TOWN OF CARRBORO 301 W. MAIN STREET CARRBORO, NC 27510 T: (919) 918-7364 F: (919) 918-4475

## MARTIN LUTHER KING, JR. **PARK**



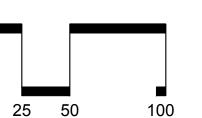


PRELIMINARY - DO NOT USE FOR CONSTRUCTION

**DEVELOPMENT** 

Issued for: 60% DESIGN

No. Date Description



NORTH 100

PLANTING PLAN

Project number: C16146 Sheet:

Drawn by:

