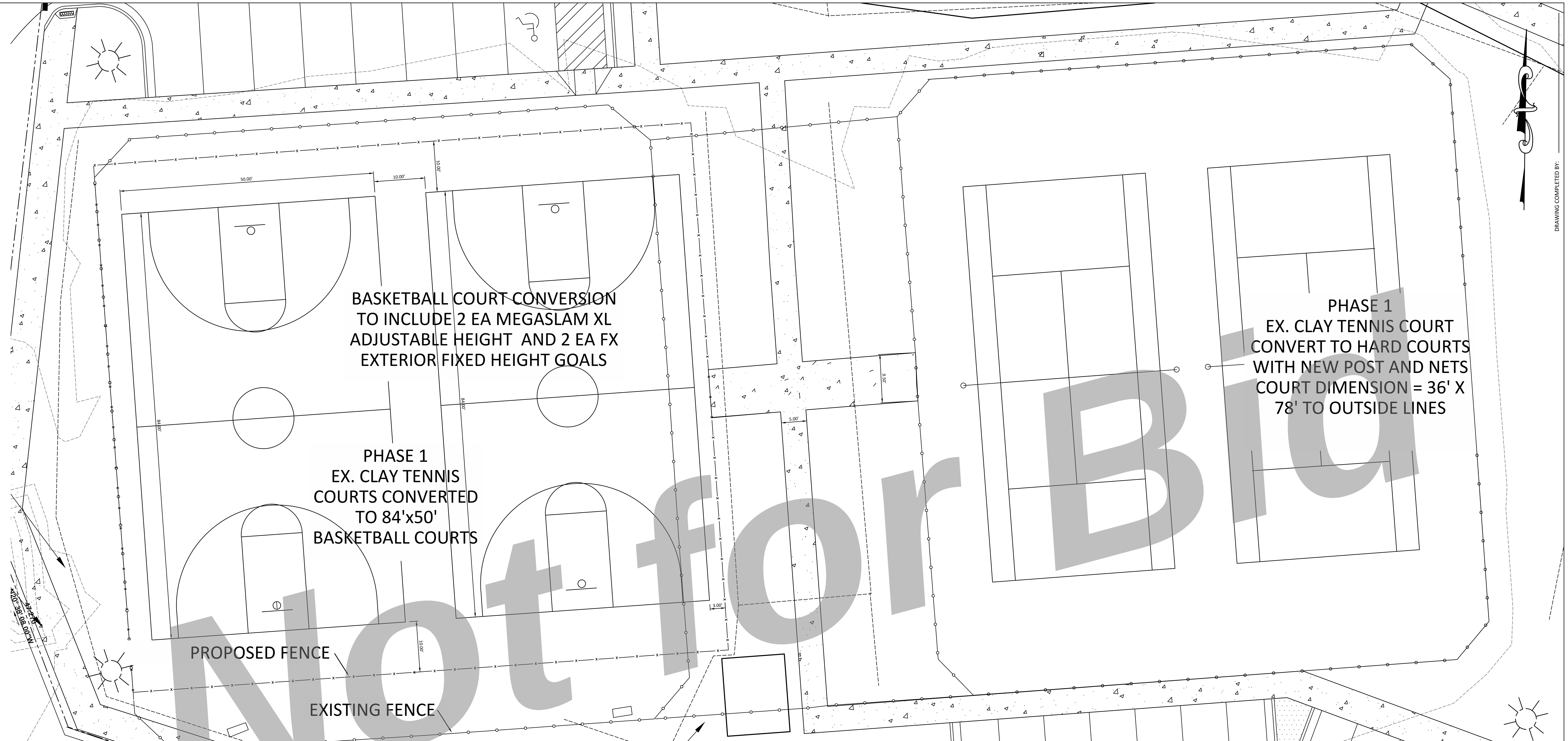
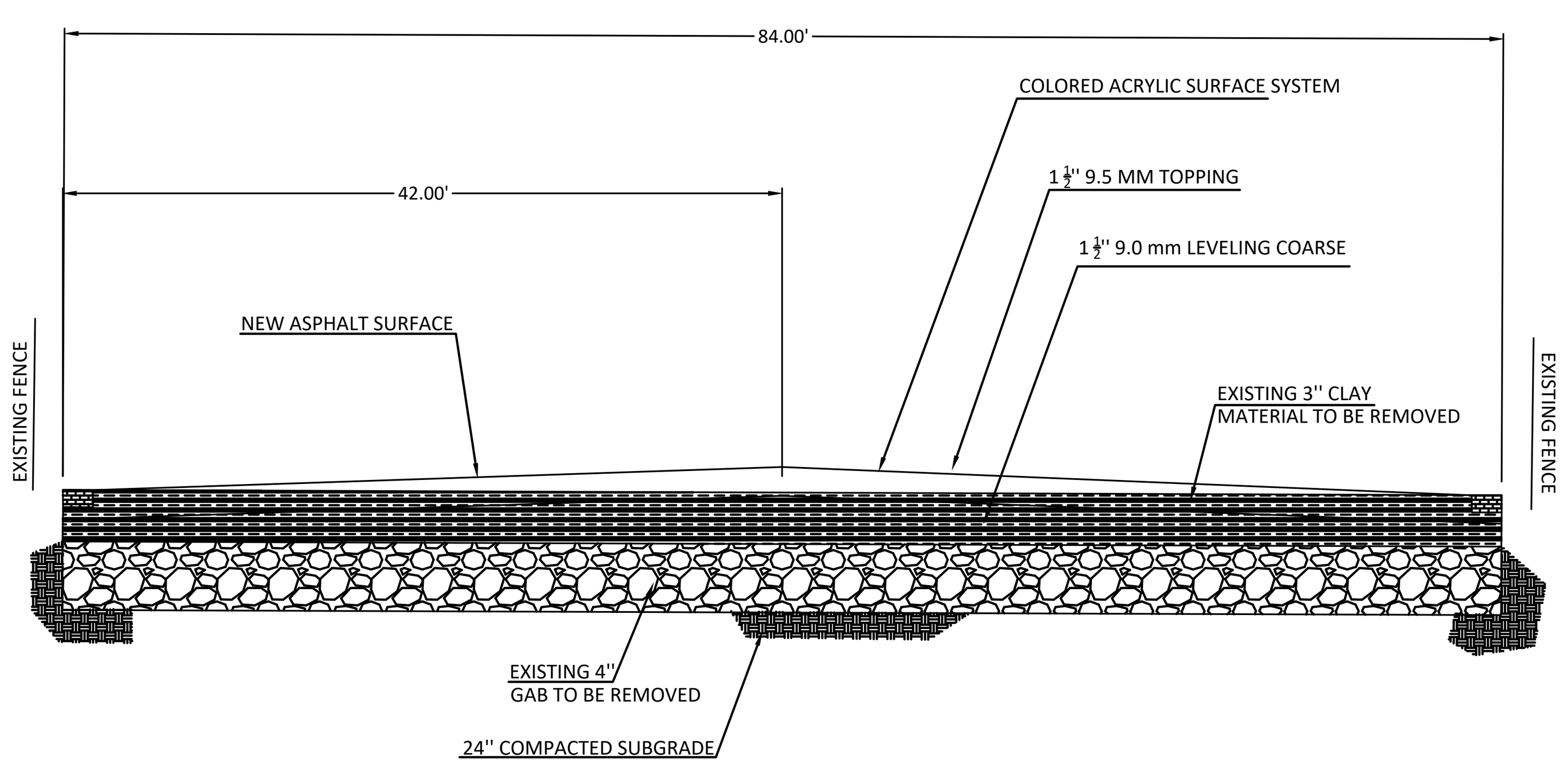




BASKETBALL COURT DETAIL

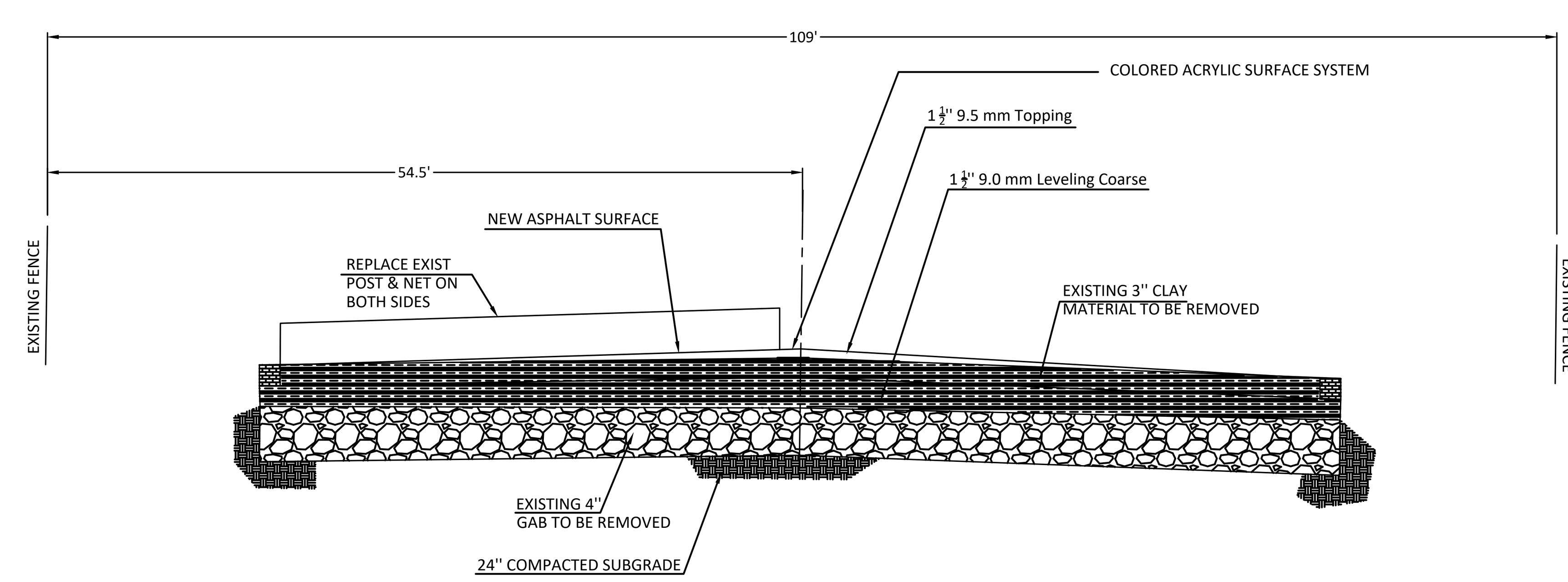
GRAPHIC SCALE

10 0 5 10 20 40

(IN FEET)
1 inch = 10 ft.

NOTES:

1. REMOVE ALL OLD CLAY AND BASE MATERIAL.
2. SUBGRADE TO BE 95% COMPACTED
3. MINIMUM SLOPE = 1" IN 10' SIDE TO SIDE, END TO END OR CORNER TO CORTNER. SURFACE SHOULD NOT SLOPE AWAY FROM THE NET IN 2 DIRECTIONS.
4. UTILIZE EXISTING EDGING AROUND TENNIS COURT
5. BASKETBALL COURT TO RECEIVE ALL NEW EDGING. BRICK IN MORTAR BED
6. TOP OF EDGING TO BE $\frac{1}{2}$" BELOW COURT LEVEL AND TAPER TO EDGE IN 6" .
7. CONSTRUCTION OF BOTH COURTS SHALL BE 6" CRUSHER RUN BASE, 1" to 1.5" LEVELING AND 1.5" FINAL TOPPING, TWO COATS OF RESURFACER, TWO COLOR COAT THEN PAINTED LINES. RESURFACER AND COLOR COATING PLUS LINES TO ALL BE THE SAME SYSTEM, "COLORPLUS"SYSTEM OR EQUAL.
8. COLOR FOR TENNIS COURT SHALL BE GRASS GREEN FOR PLAYING SURFACE, TILE RED FOR OVERRUN AREA WITH WHITE LINES. BASKETBALL COURT TO BE GRASS GREEN WITH TILE RED BORDER AND KEY WITH WHITE LINES.
9. AFTER FIRST LEVEL OF ASPHALT IS INSTALLED. FLOOD COURT AND CORRECT ANY LOW AREAS MORE THAN $\frac{1}{8}$" THEN PLACE FINAL ASPHALT TOPPING.
10. APPLY COLOR COATING SYSTEM IN ACCORDANCE WITH MANUFACTURERS RECOMMENDATION.
11. POST FOR TENNIS COURTS SHALL BE 2 $\frac{7}{8}$" AND EQUIPPED WITH NET TIGHTENING APPARATUS.
12. POST FOUNDATION TO BE 36" DEEP. 24" DIAMETER AT TOP AND 30" DIAMETER AT BOTTOM
13. POST SHALL BE SPACED 42' APART.
14. TENNIS COURT LINES SHOULD BE 2" EXCEPT FOR BASELINE THAT WILL BE 4". ALL LINES ON BASKETBALL COURT SHALL BE 2".



TENNIS COURT DETAILS

DRAWING COMPLETED BY:

REVISED: 1-8-22 ADDED DETAILS FOR COURT REHAB

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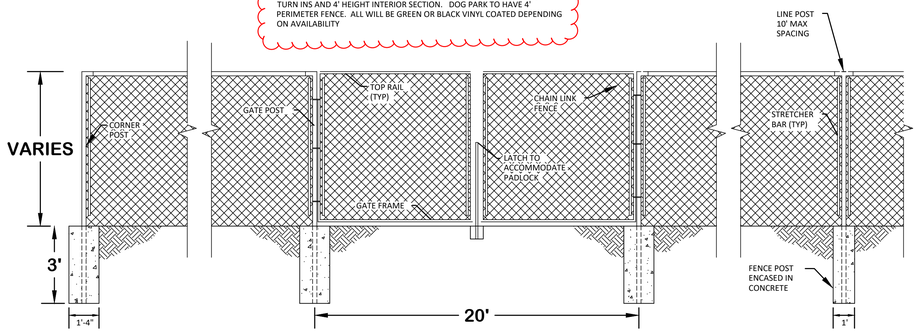
SIMONTON ENGINEERING

Southside Park
for
The City of Hinesville
Liberty County, Georgia

Tennis & Basketball Court

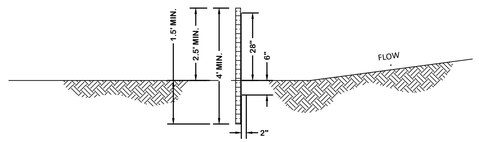
DATE: October 15, 2021
FILE NO: 2020-97PRJ
SHEET: C 2.3

FENCE HEIGHT FOR TENNIS AND BASKETBALL COURT TO MATCH EXISTING COMBINATION OF 10' HEIGHT ON OUTSIDE PERIMETER WITH 10' LENGTH TURN INS AND 4' HEIGHT INTERIOR SECTION. DOG PARK TO HAVE 4' PERIMETER FENCE. ALL WILL BE GREEN OR BLACK VINYL COATED DEPENDING ON AVAILABILITY

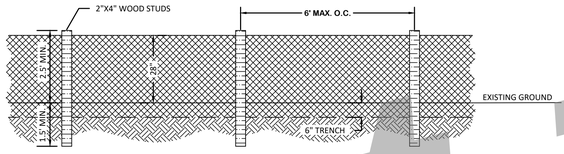


TYPICAL FENCE DETAIL

N.T.S.



SIDE VIEW



FRONT VIEW

SILT FENCE - TYPE "NS"

Sd1-NS

LEGEND FOR EROSION AND SEDIMENT CONTROL PRACTICES

STRUCTURAL PRACTICES

CODE	PRACTICE	DETAIL	MAP SYMBOL	DESCRIPTION
Co	CONSTRUCTION EXIT			A crushed stone pad located at the construction site exit to provide a place for removing mud from tires thereby protecting public streets.
Sd1	SEDIMENT BARRIER			A barrier to prevent sediment from leaving the construction site. It may be sandbags, bales of straw or hay, brush, logs and poles, gravel, or a silt fence.

VEGETATIVE PRACTICES

CODE	PRACTICE	DETAIL	MAP SYMBOL	DESCRIPTION
Ds1	DISTURBED AREA STABILIZATION (WITH MULCHING ONLY)		Ds1	Establishing temporary protection for disturbed areas where seedlings may not have a suitable growing season to produce an erosion retarding cover.
Ds2	DISTURBED AREA STABILIZATION (WITH TEMP SEEDING)		Ds2	Establishing a temporary vegetative cover with fast growing seedings on disturbed areas.
Ds3	DISTURBED AREA STABILIZATION (WITH PERM SEEDING)		Ds3	Establishing a permanent vegetative cover such as trees, shrubs, vines, grasses, or legumes on disturbed areas.
Du	DUST CONTROL ON DISTURBED AREAS		Du	Controlling surface and air movement of dust on construction site, roadways and similar sites.

SOUTHSIDE PARK - EROSION CONTROL SCHEDULE

ITEM (SEE CONSTRUCTION SCHEDULE THIS SHEET)

1 Installation of Initial Sediment Control Measures - Before clearing and rough grading begins, perimeter silt fence and construction exit will be installed per project plans to ensure sedimentation does not reach sensitive areas.

2 Demolition & Clearing - Mulch and temporary vegetation will be installed to ensure stabilization. Erosion and sediment control measures shall be installed prior to or concurrent with land disturbing activities and maintained until site is stabilized.

3 Rough Grading - Temporary/Permanent grassing practices will be utilized to ensure stabilization at all stages.

4 Installation of Utilities - Temporary/Permanent grassing practices will be utilized to ensure stabilization at all stages.

5 Court Rehab - Temporary/Permanent grassing practices will be utilized to ensure stabilization at all stages.

6 Final Grading - After all utilities in place, final grading is to occur to the elevations shown on the plan. Temporary/Permanent grassing practices will be utilized to ensure stabilization at all stages.

7 Base, Paving & Concrete - Silt Fence will be maintained and grassing practices will be utilized to control sedimentation.

8 Permanent Vegetation - The project will be grassed in all location whereas needed to establish a permanent stand of grass. Erosion control devices will be maintained until a permanent stand of grass is achieved and an N.O.T. is issued.

Ds2 SPECIES AND PLANTING SCHEDULE

SPECIES	BROADCAST RATES (1) PER ACRE	PER 1000 Sq.Ft.	PLANTING DATES BY RESOURCE AREAS (3)	REMARKS
LESPEDEZA, ANNUAL			P J F M A M J J A S O N D	200,000 SEED PER POUND. MAY VOLUNTEER FOR SEVERAL YEARS. USE UNCULANT EL.
ALONE	40 lbs.	0.9 lbs.		
IN MIXTURES	10 lbs.	0.6 lbs.		
LOVEGRASS, WEEPING			P J F M A M J J A S O N D	1,500,00 SEED PER POUND. MAY LAST FOR SEVERAL YEARS. MIX WITH SERICEA LESPEDEZA.
ALONE	4 lbs.	0.1 lbs.		
IN MIXTURES	2 lbs.	0.05 lbs.		
MILLET, BROWNTOP			P J F M A M J J A S O N D	137,000 SEED PER POUND. QUICK DENSE COVER. WILL PROVIDE TOO MUCH COMPETITION IN MIXTURES IF SEEDED AT HIGH RATES.
ALONE	40 lbs.	0.9 lbs.		
IN MIXTURES	10 lbs.	0.2 lbs.		
MILLET, PEARL			P J F M A M J J A S O N D	88,000 SEED PER POUND. QUICK DENSE COVER. MAY REACH 5 FEET IN HEIGHT. NOT RECOMMENDED FOR MIXTURES.
ALONE				
IN MIXTURES	50 lbs.	0.9 lbs.		
RYE			P J F M A M J J A S O N D	18,000 SEED PER POUND. QUICK COVER. DROUGHT TOLERANT AND WINTERHARDY.
ALONE	3 bu (168 lbs.)	3.9 lbs.		
IN MIXTURES	1/2 bu (28 lbs.)	0.6 lbs.		
RYEGRASS, ANNUAL			P J F M A M J J A S O N D	227,000 SEED PER POUND. DENSE COVER. VERY COMPETITIVE AND IS NOT TO BE USED IN MIXTURES.
ALONE				
IN MIXTURES	40 lbs.	0.9 lbs.		
SUDANGRASS			P J F M A M J J A S O N D	55,000 SEED PER POUND. GOOD ON DROUGHTY SITES. NOT RECOMMENDED FOR MIXTURES.
ALONE				
IN MIXTURES	60 lbs.	1.4 lbs.		

(1) BROADCAST RATES ARE IN PURE LIVE SEED (PLS)
(2) M-L REPRESENTS THE MOUNTAIN, BLUE RIDGE, AND RIDGES AND VALLEYS MLRA'S
P REPRESENTS THE SOUTHERN PIEDMONT MLRA
C REPRESENTS SOUTHERN COASTAL PLAIN, SAND HILLS, BLACK LANDS, AND ATLANTIC COAST FLATWOODS MLRA'S
(3) DARK LINES INDICATE OPTIMUM DATES, GRAY LINES INDICATE PERMISSIBLE BUT MARGINAL DATES.

FERTILIZER AND LIME REQUIREMENTS FOR TEMPORARY VEGETATION (Ds2)

TYPES OF SPECIES	PLANTING YEAR	FERTILIZER (N-P-K)	RATE (LBS./ACRE)	N TOP DRESSING RATE (LBS./ACRE)	LIME APPLICATION (TONS/ACRE)
Cool Season Grasses	First Second Maintenance	6-12-12 6-12-12 10-10-10	1500 1000 400	50-100 - 30	1
Cool Season Grasses and Legumes	First Second Maintenance	6-12-12 0-10-10 0-10-10	1500 1000 400	0-50 - -	1
Temporary Cover Crops Seeded Alone	First	10-10-10	500	30	1
Warm Season Grasses	First Second Maintenance	6-12-12 6-12-12 10-10-10	1500 800 400	50-100 50-100 30	1

Ds2 DISTURBED AREA STABILIZATION (WITH TEMP SEEDING)

SPECIFICATIONS

A. FOR TEMPORARY PROTECTION OF CRITICAL AREAS WITHOUT SEEDING. THIS STANDARD APPLIES TO GRADES OR CLEARED AREA WHICH MAY BE SUBJECTED TO EROSION FOR 6 MONTHS OR LESS. WHERE SEEDING MAY NOT HAVE A SUITABLE GROWING SEASON TO PRODUCE AN EROSION RETARDANT COVER, BUT WHICH CAN BE STABILIZED WITH A MULCH COVER.

SITE PREPARATION

1. GRADE, AS NEEDED AND FEASIBLE, TO PERMIT THE USE OF EQUIPMENT FOR APPLYING AND ANCHORING MULCH.
2. INSTALL NEEDED EROSION CONTROL MEASURES AS REQUIRED SUCH AS DIKES, DIVERSIONS, BERMS TERRACES AND SEDIMENT BARRIERS. AS NEEDED AND FEASIBLE, LOOSEN COMPACT SOIL TO A MINIMUM DEPTH OF 3 INCHES.

MULCHING MATERIALS

1. DRY STRAW OR HAY - SPREAD AT A RATE OF 2 1/2 TONS PER ACRE. WOOD WASTE, CHIPS, SAWDUST OR BARK - SPREAD 2 TO 3 INCHES DEEP (ABOUT 6 TO 9 TONS PER ACRE).
2. EROSION CONTROL MATTING OR NETTING, SUCH AS EXCELSIOR, JUTE, TEXTILE AND PLASTIC MATTING AND NETTING - APPLIED IN ACCORDANCE WITH MANUFACTURERS RECOMMENDATIONS.
3. CUTBACK ASPHALT, SLOW CURING - APPLIED AT 1200 GALLONS PER ACRE (OR 1/4 GALLON PER SQ. YD.).
4. POLYETHYLENE FILM - SECURED OVER BANKS OR STOCKPILED SOIL MATERIAL FOR TEMPORARY PROTECTION.

APPLYING AND ANCHORING MULCH

1. APPLY STRAW OR HAY MULCH UNIFORMLY BY HAND OR MECHANICALLY. ANCHOR AS APPROPRIATE AND FEASIBLE. IT MAY BE PRESSED INTO THE SOIL WITH A DISK HARROW WITH THE DISK SET STRAIGHT OR WITH A SPECIAL "PACKER DISK." THE DISK MAY BE SMOOTH OR SERRATED AND SHOULD BE 20 INCHES OR MORE IN DIAMETER AND 8 TO 12 INCHES APART. THE EDGES OF THE DISK SHOULD BE DULL ENOUGH NOT TO CUT THE MULCH BUT PRESS IT INTO THE SOIL LEAVING MUCH OF IT IN AN ERECT POSITION. STRAW HAY MULCH SPREAD WITH SPECIAL BLOWER-TYPE EQUIPMENT MAY BE ANCHORED WITH EMULSIFIED ASPHALT (GRADE AE-5 OR SS-1). THE ASPHALT EMULSION MUST BE SPRAYED ONTO THE MULCH AS IT IS EJECTED FROM THE MACHINE. USE 100 GALLONS OF WATER PER ACRE.
2. SPREAD WOOD WASTE UNIFORMLY ON SLPES THAT ARE 3:1 AND FLATTER. NO ANCHORING IS NEEDED.
3. COMMERCIAL MATTING AND NETTING - FOLLOW MANUFACTURER'S SPECIFICATION INCLUDED WITH THE MATERIAL.
4. APPLY ASPHALT SO AREA HAS UNIFORM APPEARANCE. (NOTE: USE IN AREAS OF PEDESTRIAN TRAFFIC COULD CAUSE PROBLEMS OR "TRACKING IN" OR DAMAGE TO SHOES, CLOTHING, ETC.).

B. TO CONSERVE MOISTURE AND CONTROL WEEDS IN NURSERIES, ORNAMENTAL BEDS, AROUND SHRUBS, AND ON BAR AREAS ON LAWNS.

MULCHING MATERIALS

USE ONE OF THE MATERIALS LISTED BELOW AND APPLY AT THICKNESS INDICATED.

MATERIAL	DEPTH
1. GRAIN STRAW OR GRASS HAY	6" TO 10"
2. PINE NEEDLE	4" TO 6"
3. WOOD WASTE (SAWDUST, BARK, CHIPS)	4" TO 8"
4. SHREDDED RESIDUES (CROPS, LEAVES, ETC.)	4" TO 8"

5. COMPLETELY COVER AREA WITH BLACK POLYETHYLENE FILM AND HOLD IN PLACE BY PLACING SOIL ON THE OUTER EDGE. WHEN USING ORGANIC MULCHES, APPLY 20-30 POUNDS OF NITROGEN IN ADDITION TO THE NORMAL AMOUNT NEEDED FOR PLANT GROWTH TO OFFSET THE TIE UP OF NITROGEN BY DECOMPOSITION OF MULCH.

Ds1 DISTURBED AREA STABILIZATION W/ MULCHING ONLY

(COORDINATE WITH FINAL LANDSCAPING PLAN)

Ds3 SPECIES AND PLANTING SCHEDULE

SPECIES	BROADCAST RATES 1/ - PLS 2/ PER ACRE	PER 1000 S.F.	PLANTING DATES BY RESOURCE AREA 3/	AREAS * J F M A M J J A S O N D	SPECIFICATIONS
BERMUDA, COMMON (CYNODON DACTYLON)			P		1,787,000 SEED PER POUND. QUICK COVER. LOW GROWING AND SOD FORMING. FULL SUN. GOOD FOR ATHLETIC FIELDS.
HULLED SEED					
ALONE	10 LBS.	0.2 LB.			
WITH OTHER PERENNIALS	6 LBS.	0.1 LB.			
BERMUDA, COMMON (CYNODON DACTYLON)			P		PLANT WITH WINTER ANNUALS. PLANT WITH TALL FESCUE.
UNHULLED SEED					
WITH TEMPORARY COVER	10 LBS.	0.2 LB.			
WITH OTHER PERENNIALS	6 LBS.	0.1 LB.			
BERMUDA SPRIGS (CYNODON DACTYLON)	40 CU. FT. OR SOD PLUGS 3' x 3'	0.9 CU.FT.	P		A CUBIC FT. CONTAINS APPROXIMATLY 650 SPRIGS. A BUSHEL CONTAINS 1.25 C.F. OR APPROXIMATLY 800 SPRIGS.
COASTAL, COMMON, MIDLAND, OR TIFT 44					
COASTAL, COMMON, OR TIFT 44					
CENTIPEDE (EREMOCHLOA OPHIUROIDES)	BLOCK SOD ONLY		P		DROUGHT TOLERANT. FULL SUN OR PARTIAL SHADE. EFFECTIVE ADJACENT TO CONCRETE AND IN CONCENTRATED FLOW AREAS. IRRIGATION IS NEEDED UNTIL FULLY EST. DO NOT PLANT NEAR PARTURES. WINTERHARDY AS FAR NORTH AS ATHENS AND ATLANTA.
FESCUE, TALL (CYNODON DACTYLON)			P		227,000 SEED PER POUND.USE ALONE ONLY ON BETTER SITES. NOT FOR DROUGHTY SOILS. MIX WITH PERENNIAL LESPEDEZAS OR CROWN-VETCH. APPLY TOPDRESSING IN SPRING FOLLOWING FALL PLANTING. NOT FOR HEAVY USE AREAS OR ATHLETIC FEILDS.
ALONE	50 LBS.	1.1 LB.			
WITH OTHER PERENNIALS	30 LBS.	0.7 LB.			

(1) BROADCAST RATES ARE IN PURE LIVE SEED (PLS)
(2) M-L REPRESENTS THE MOUNTAIN, BLUE RIDGE, AND RIDGES AND VALLEYS MLRA'S
P REPRESENTS THE SOUTHERN PIEDMONT MLRA
C REPRESENTS SOUTHERN COASTAL PLAIN, SAND HILLS, BLACK LANDS, AND ATLANTIC COAST FLATWOODS MLRA'S
(3) DARK LINES INDICATE OPTIMUM DATES, GRAY LINES INDICATE PERMISSIBLE BUT MARGINAL DATES.

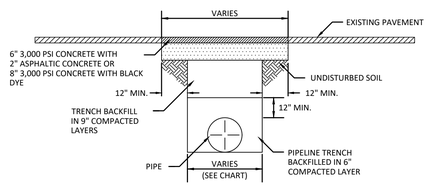
FERTILIZER AND LIME REQUIREMENTS FOR PERMANENT VEGETATION (Ds3)

TYPES OF SPECIES	PLANTING YEAR	FERTILIZER (N-P-K)	RATE (LBS./ACRE)	N TOP DRESSING RATE (LBS./ACRE)	LIME APPLICATION (TONS/ACRE)
Cool Season Grasses	First Second Maintenance	6-12-12 6-12-12 10-10-10	1500 1000 400	50-100 - 30	1
Cool Season Grasses and Legumes	First Second Maintenance	6-12-12 0-10-10 0-10-10	1500 1000 400	0-50 - -	1
Warm Season Grasses	First Second Maintenance	6-12-12 6-12-12 10-10-10	1500 800 400	50-100 50-100 30	1
Warm Season Grasses and Legumes	First Second Maintenance	6-12-12 0-10-10 0-10-10	1500 1000 400	0-50 - -	1

Ds3 PERMANENT GRASSING MULCHING RATES

MATERIAL	DEPTH
1. GRAIN STRAW OR GRASS HAY	4" TO 6"
2. PINE NEEDLE	3" TO 5"
3. WOOD WASTE (SAWDUST, BARK, CHIPS)	4" TO 6"

Ds3 DISTURBED AREA STABILIZATION (WITH PERM SEEDING)



NOTE:
MAXIMUM PAVEMENT WIDTH FOR CUT DEPTH OVER 6 FEET SHALL BE 8 FEET UNLESS NOTED OTHERWISE ON PLANS.

PIPE DIAMETER	MAXIMUM TRENCH WIDTH 0 - 6' CUT DEPTH	MAXIMUM PAVEMENT WIDTH 0 - 6' CUT DEPTH
6" TO 15"	16" + DIA.	40" + DIA.
18" TO 21"	20" + DIA.	44" + DIA.
24" TO 30"	24" + DIA.	48" + DIA.
33" TO 42"	36" + DIA.	60" + DIA.
48"+	36" + DIA.	60" + DIA.

PAVEMENT REMOVAL & REPLACEMENT

N.T.S.

DRAWING COMPLETED BY:

REVISED:
12-16-21 REVISIONS TO GRADING, DRAINAGE PLUS EROSION AND SEDIMENT CONTROL

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Details

DATE: October 15, 2021
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