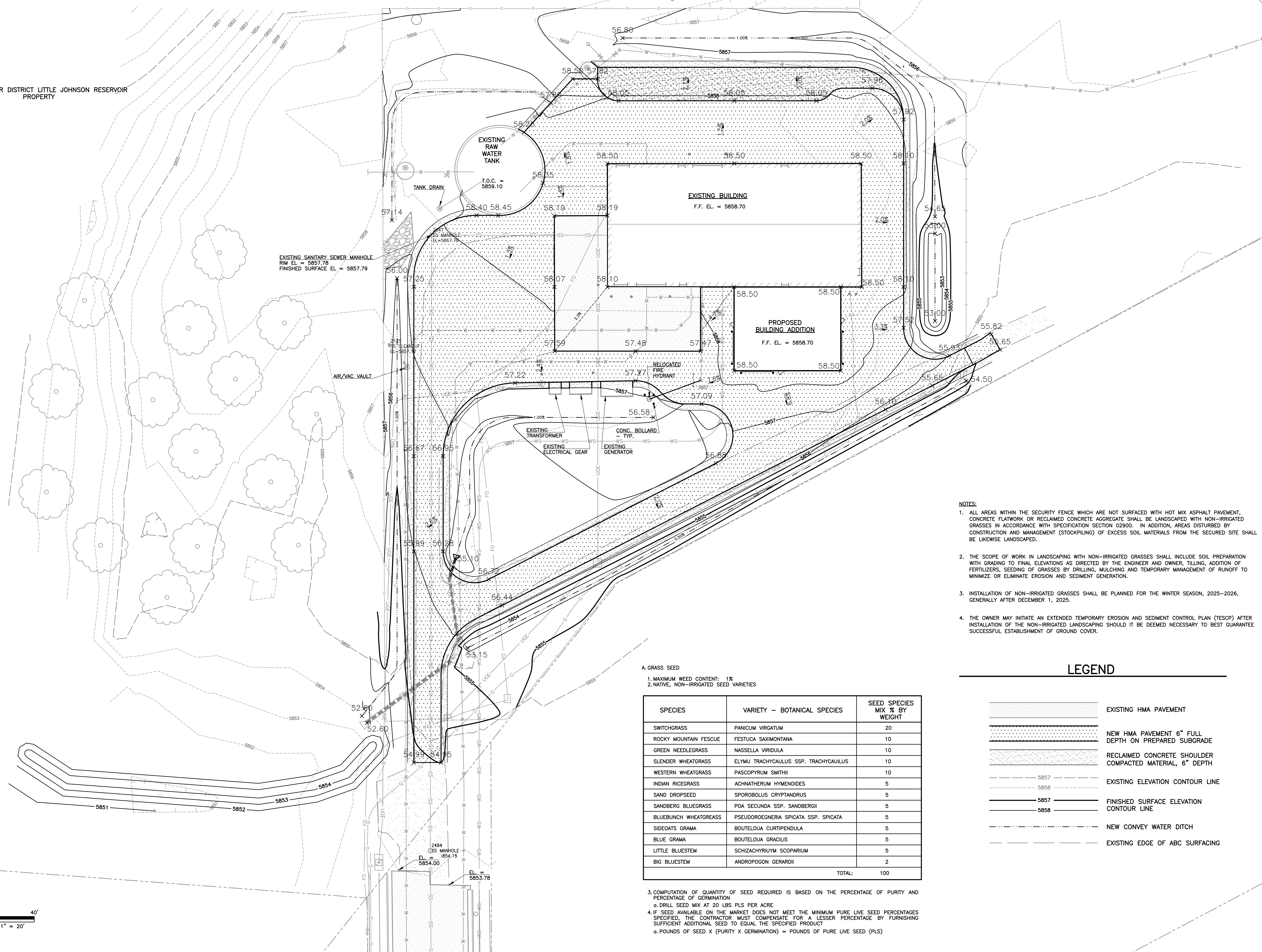


G:\SECURITY\2023-05\130006\2023-05\0006_Avg_Site_Grad_Dwg_and_Landscape_Plan_5/20/2025 5:18:59 PM, i.e., AutoCAD PDF (General Documentation).pc3, 1:1

SECURITY WATER DISTRICT LITTLE JOHNSON RESERVOIR
PROPERTY

0' 20' 40'
SCALE: HORIZ. 1" = 20'



NOTES:

1. ALL AREAS WITHIN THE SECURITY FENCE WHICH ARE NOT SURFACED WITH HOT MIX ASPHALT PAVEMENT, CONCRETE FLATWORK OR RECLAIMED CONCRETE AGGREGATE SHALL BE LANDSCAPED WITH NON-IRRIGATED GRASSES IN ACCORDANCE WITH SPECIFICATION SECTION 02900. IN ADDITION, AREAS DISTURBED BY CONSTRUCTION AND MANAGEMENT (STOCKPILING) OF EXCESS SOIL MATERIALS FROM THE SECURED SITE SHALL BE LIKEWISE LANDSCAPED.
2. THE SCOPE OF WORK IN LANDSCAPING WITH NON-IRRIGATED GRASSES SHALL INCLUDE SOIL PREPARATION WITH GRADING TO FINAL ELEVATIONS AS DIRECTED BY THE ENGINEER AND OWNER, TILLING, ADDITION OF FERTILIZERS, SEEDING OF GRASSES BY DRILLING, MULCHING AND TEMPORARY MANAGEMENT OF RUNOFF TO MINIMIZE OR ELIMINATE EROSION AND SEDIMENT GENERATION.
3. INSTALLATION OF NON-IRRIGATED GRASSES SHALL BE PLANNED FOR THE WINTER SEASON, 2025-2026, GENERALLY AFTER DECEMBER 1, 2025.
4. THE OWNER MAY INITIATE AN EXTENDED TEMPORARY EROSION AND SEDIMENT CONTROL PLAN (TESCP) AFTER INSTALLATION OF THE NON-IRRIGATED LANDSCAPING SHOULD IT BE DEEMED NECESSARY TO BEST GUARANTEE SUCCESSFUL ESTABLISHMENT OF GROUND COVER.

LEGEND

- EXISTING HMA PAVEMENT
- NEW HMA PAVEMENT 6" FULL DEPTH ON PREPARED SUBGRADE
- RECLAIMED CONCRETE SHOULDER COMPACTED MATERIAL, 6" DEPTH
- EXISTING ELEVATION CONTOUR LINE
- FINISHED SURFACE ELEVATION CONTOUR LINE
- NEW CONVEY WATER DITCH
- EXISTING EDGE OF ABC SURFACING

A. GRASS SEED

1. MAXIMUM WEED CONTENT: 1%
2. NATIVE, NON-IRRIGATED SEED VARIETIES

SPECIES	VARIETY - BOTANICAL SPECIES	SEED SPECIES MIX % BY WEIGHT
SWITCHGRASS	PANICUM VIRGATUM	20
ROCKY MOUNTAIN FESCUE	FESTUCA SAXIMONTANA	10
GREEN NEEDLEGRASS	NASSELLA VIRIDULA	10
SLENDER WHEATGRASS	ELYMU TRACHYCAULUS SSP. TRACHYCAULUS	10
WESTERN WHEATGRASS	PASCOPIRYUM SMITHII	10
INDIAN RICEGRASS	ACHNATHERUM HYMENOIDES	5
SAND DROPSEED	SPOROBOLUS CRYPTANDRUS	5
SANDBERG BLUEGRASS	POA SECUNDA SSP. SANDBERGII	5
BLUEBUNCH WHEATGREASS	PSEUDOROEGNERIA SPICATA SSP. SPICATA	5
SIDEOATS GRAMA	BOUTELOUA CURTIPENDULA	5
BLUE GRAMA	BOUTELOUA GRACILIS	5
LITTLE BLUESTEM	SCHIZACHYRIUM SCOPARIUM	5
BIG BLUESTEM	ANDROPOGON GERARDII	2
TOTAL:		100

3. COMPUTATION OF QUANTITY OF SEED REQUIRED IS BASED ON THE PERCENTAGE OF PURITY AND PERCENTAGE OF GERMINATION
 - a. DRILL SEED MIX AT 20 LBS PLS PER ACRE
4. IF SEED AVAILABLE ON THE MARKET DOES NOT MEET THE MINIMUM PURE LIVE SEED PERCENTAGES SPECIFIED, THE CONTRACTOR MUST COMPENSATE FOR A LESSER PERCENTAGE BY FURNISHING SUFFICIENT ADDITIONAL SEED TO EQUAL THE SPECIFIED PRODUCT
 - a. POUNDS OF SEED X (PURITY X GERMINATION) = POUNDS OF PURE LIVE SEED (PLS)

SCALE VERIFICATION
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NO.	DATE	DESCRIPTION
1	10/23/2024	REVISED FROM 01020204

SITE GRADING, DRAINAGE
AND LANDSCAPE PLAN
WATER TREATMENT PLANT BUILDING ADDITION
SECURITY WATER DISTRICT

GMS INC.
CONSULTING ENGINEERS
611 N. WEBER, SUITE 300
COLORADO SPRINGS, COLORADO 80903
719-475-2935

DRAWN	SKC	XX	RJS	OCTOBER 2024	PROJECT NO. 2023-053.130	GMS FILE NO. 3800
DESIGNED						
CHECKED						

SHEET
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