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Contractor: ANTIS TOWNSHIP SUPERVISORS
909 NORTH SECOND STREET
BELLWOOD, PENNSYLVANIA 16617

Project Name: 5TH STREET PARK IMPROVEMENTS

CONTRACT 2022-1
ANTIS TOWNSHIP
BLAIR COUNTY, PENNSYLVANIA

BID SET

GRAPHIC SCALE



Revisions:

No.	Date	Description

SITE PLAN

Sheet Title:

PROJECT NO.	22-2014
DRAWN BY:	CSF
DESIGNED BY:	CSF
CHECKED BY:	GTG
SCALE:	AS SHOWN

Drawing:

S1

SITE NOTES

- ALL DIMENSIONS ARE TO THE EDGE OF SIDEWALK / PAVEMENT UNLESS NOTED OTHERWISE.
- ALL PAVEMENT STRIPING SHALL BE 4" WIDE UNLESS NOTED OTHERWISE.
- CONTRACTOR SHALL REFER TO OTHER PLANS WITHIN THIS CONSTRUCTION SET FOR OTHER PERTINENT INFORMATION.
- SAWCUT EDGE OF EXISTING PAVEMENT TO PROVIDE CLEAN PAVEMENT EDGE.
- INSTALL ALL PROPOSED FEATURES AT EXISTING GRADES / ELEVATIONS. ADJUST PARKING AREAS AND SIDEWALKS AS NEEDED TO REMAIN WITHIN MAXIMUM SLOPE TOLERANCES (SEE DETAILS) AND HAVE POSITIVE DRAINAGE TOWARDS LAWN AREAS. RESTORE ALL GRADED AREAS WITH TOPSOIL, SEED & MULCH.
- ANY LAWN AREAS DISTURBED DURING CONSTRUCTION SHALL BE RESTORED TO EXISTING CONDITIONS OR BETTER.

DETAIL REFERENCES

- SEE CONSTRUCTION DETAILS ON DETAIL SHEETS (UNLESS NOTED OTHERWISE)
- PARKING AREA PAVING
 - CONCRETE SIDEWALK
 - PARKING SPACE DETAILS
 - ADA PARKING LOGO
 - ADA PARKING SIGN
 - PARKING BUMPER
 - 4' HIGH CHAIN LINK FENCE
 - BENCH (SUPPLIED & INSTALLED BY OWNER)
 - WASTE & RECYCLING RECEPTACLES (SUPPLIED & INSTALLED BY OWNER)
 - DCNR SIGN (SUPPLIED & INSTALLED BY OWNER)
 - CLIMBING BOULDERS (SUPPLIED BY OWNER & INSTALLED BY CONTRACTOR)
 - PLAYGROUND SAFETY SURFACING & BORDER (SUPPLIED & INSTALLED BY OWNER)
 - LANDSCAPING BED
 - DECIDUOUS TREE PLANTING
 - EVERGREEN TREE PLANTING
 - OPEN FIELD RESTORATION (TOPSOIL PROVIDED BY OWNER)

SEEDING AND SOIL SUPPLEMENT TABLE

PLACE SEEDING AND SOIL SUPPLEMENTS ON ALL AREAS IN ACCORDANCE WITH PUB. 408 AND AT THE RATES SPECIFIED BELOW:

FORMULA & SPECIES	% BY WEIGHT	MIN. % GERMINATION	WEED SEED / 1000 S.Y.	LBS. PER 1000 S.Y.	42.0 TOTAL
FORMULA B • PERENNIAL RYE GRASS MIXTURE - NO ONE VARIETY EXCEEDING 50% OF TOTAL RYE GRASS COMPONENT	20	97/90	0.10	8.5	8.5
• CREEPING RED FESCUE/CHEWINGS FESCUE	30	97/85	0.10	12.5	12.5
• KENTUCKY BLUEGRASS MIXTURE - NO ONE VARIETY EXCEEDING 50% OF TOTAL BLUEGRASS COMPONENT	50	97/80	0.15	21.0	21.0
FORMULA E (TEMPORARY SEED MIXTURE) • ANNUAL RYE GRASS (LOLIUM MULTIFLORUM)	100	95/90	0.10	10.0	10.0

- MINIMUM 10% HARDEEED AND 70% NORMAL SPROUTS

PREPARE AREAS THAT ARE TO RECEIVE PERMANENT SEEDING (FORMULAS B AND D) BY UNIFORMLY APPLYING SUPPLEMENTS WITH PENNDOT PUB. 408 AND S. UNIFORMLY APPLYING SUPPLEMENTS TO FORMULAS B AND D BUT ARE RECOMMENDED, FOR AREAS THAT ARE TO RECEIVE TEMPORARY SEEDING (FORMULA E).

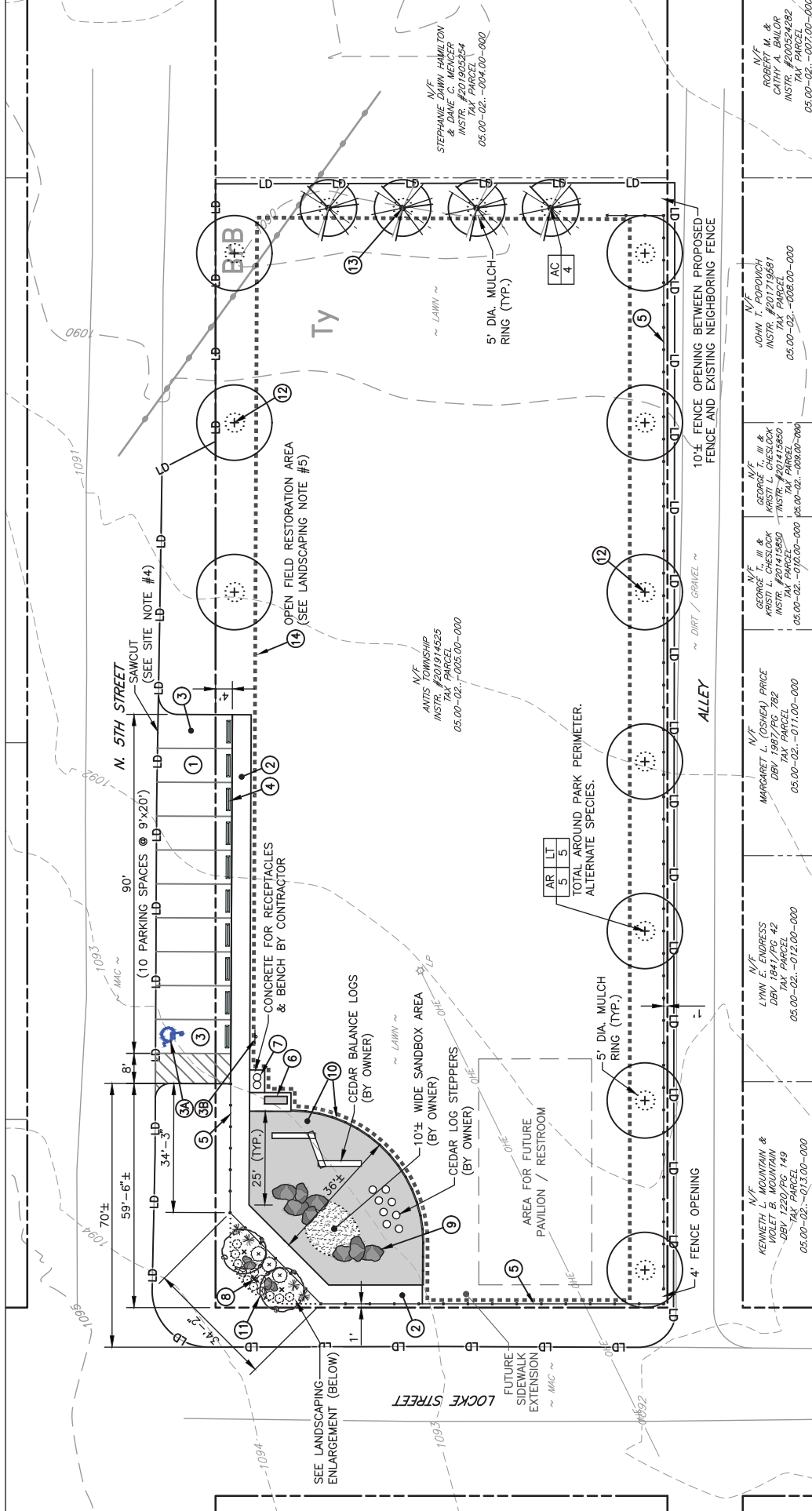
PULVERIZED AGRICULTURAL LIMESTONE - 800 LBS. PER 1000 S.Y.
10-20-20 ANALYSIS COMMERCIAL FERTILIZER - 140 LBS. PER 1000 S.Y.
38-0-0 UREA-FORM FERTILIZER - 50 LBS. PER 1000 S.Y.
32-0-0 TO 38-0-0 SULFUR COATED UREA FERTILIZER - 59 TO 50 LBS. PER 1000 S.Y.
OR
31-0-0-0 IBDU FERTILIZER - 61 LBS. PER 1000 S.Y.

MULCH PERMANENT SEEDED AREAS (FORMULAS B AND D) WITH MULCHING-STRAW OR MULCHING-HAY IN ACCORDANCE WITH PENNDOT PUB. 408 AT THE RATE OF 1200 LBS./1000 S.Y. USE ONLY MULCHING-HAY FOR TEMPORARY SEEDED AREAS.

FORMULA B: LAWN AREAS
FORMULA E: TEMPORARY SEED MIXTURE

FINAL SEEDING SHALL INCLUDE 5-10% ANNUAL RYE GRASS AS A NURSE CROP.

APPLY HYDROMULCH ON SLOPES UP TO 8% AT THE RATE OF 415 LBS./1000 S.Y. (MIN.). APPLY BINDER ON SLOPES GREATER THAN 3:1 (1:1H) AT A RATE OF 3000 LBS./ACRE (POLYMER BINDER) OR 16000 LBS./ACRE (CRSUL) PROVIDE NON-CARBONIC BINDER ONLY. PROVIDE DOCUMENTATION FOR ACCEPTANCE FROM PADEP PRIOR TO USE. DO NOT APPLY WITHIN 24-HOURS OF ANTICIPATED RAINFALL.



LANDSCAPING NOTES

SITE PREPARATION:

- PROTECT STRUCTURES, UTILITIES, SIDEWALKS, PAVEMENTS, AND OTHER FACILITIES, AS WELL AS EXISTING LAWN AREAS AND PLANTINGS FROM DAMAGE CAUSED BY LANDSCAPING OPERATIONS.
- ENSURE ALL EROSION AND SEDIMENT CONTROLS ARE IN PLACE PRIOR TO LANDSCAPING.
- VERIFY ACTUAL GRADE ELEVATIONS, SERVICE AND UTILITY LOCATIONS, AND DIMENSIONS OF PLANTINGS AND CONSTRUCTION CONTIGUOUS WITH NEW OPERATIONS. BY FIELD MEASUREMENTS PRIOR TO LANDSCAPING OPERATIONS.

EXECUTION:

- LOOSEN SUBGRADE TO A MINIMUM DEPTH OF 4-INCHES. REMOVE STONES LARGER THAN 2-INCHES IN ANY DIMENSION AND STICKS, ROOTS, RUBBISH AND OTHER EXTRANEOUS MATTER AND LEGALLY DISPOSE OF THEM OFF-SITE.
- EXAMINE AREAS TO BE PLANTED FOR COMPLIANCE WITH REQUIREMENTS AND OTHER CONDITIONS AFFECTING PERFORMANCE.
 - CLAY LUMPS, STONES LARGER THAN 1-INCH, WOOD, TRASH, WEEDS, ROOTS, ETC. SHALL BE REMOVED FROM THE AREA.
 - DO NOT PLACE OR MIX SOIL IN FROZEN, WET OR MUDDY CONDITIONS.
 - SOIL SHOULD BE WORKABLE, NOT SATURATED OR EXCESSIVELY DRY.
- FINE GRADING: GRADE PLANTING AREAS TO A SMOOTH, UNIFORM SURFACE WITHIN 1/4" (NON-COMPACTED) OF THE EXISTING GRADE TO WITHIN 1/2" OF FINISH GRADE. PREPARE AREA BEFORE PLANTING IF SOIL IS DRY. DO NOT CREATE MUDDY SOIL.

- PROTECTION: KEEP ADJACENT PAVING AND LAWN AREAS CLEAN DURING LANDSCAPING INSTALLATION.
- CLEANUP AND DISPOSAL: REMOVE SURPLUS SOIL AND WASTE MATERIAL, INCLUDING EXCESS EXCAVATED MATERIAL, UNSUITABLE SOIL, TRASH, DEBRIS, ETC. AND DISPOSE OF THEM OFF-SITE, IN AN APPROPRIATE AND LEGAL MANNER.

PLANTING TABLE

KEY	SCIENTIFIC NAME	COMMON NAME	QTY.	SIZE / CONDITION	NOTES
AA	Amelanchier arborea	Downy Serviceberry	2	7'-8" HT. / B&B	Clump Form
AC	Abies concolor	Concolor Fir	4	7'-8" HT. / B&B	
AR	Acer rubrum	Red Maple	5	2 1/2"-3" CAL. / B&B	High Branching
LT	Liriodendron tulipifera	Tulip Tree	5	2 1/2"-3" CAL. / B&B	High Branching
PS	Phlox subulata	Creeeping Phlox	6	QUART	Purple flower
PV	Panicum virgatum 'Shenandoah'	Red Switch-Grass	4	#1 CONT.	
RF	Rudbeckia fulgida 'Goldsturm'	Orange Coneflower	6	#1 CONT.	
TO	Thuja occidentalis 'Glabosa'	Globe Arborvitae	3	18"-24" HT. / #3 CONT.	

XX PLANT TYPE (SEE PLANTING TABLE)

NUMBER OF PLANTS

