

CITY OF HUDSON

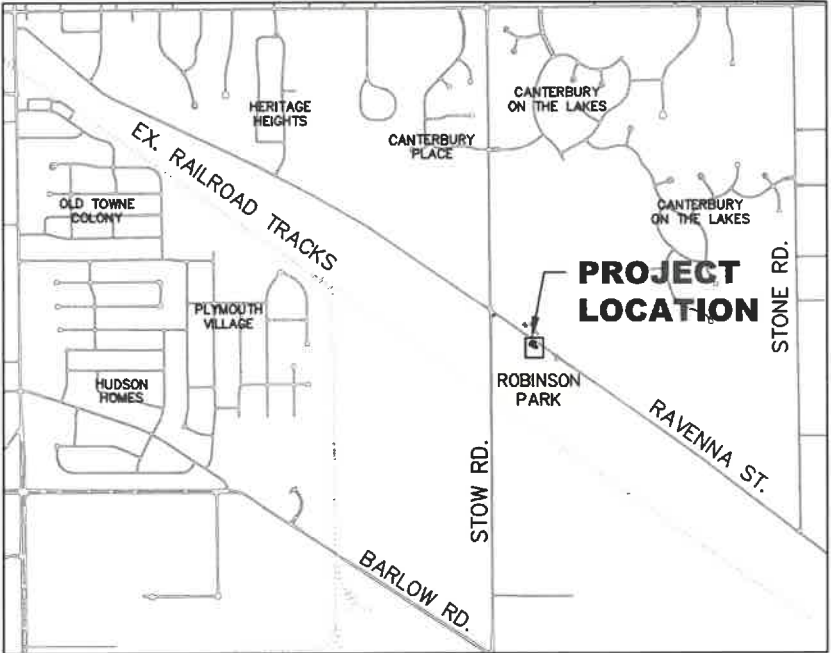
ROBINSON PARK PARKING LOT PROJECT

SUMMIT COUNTY, OHIO

NOVEMBER, 2025

PROJECT DESCRIPTION:
THIS PROJECT CONSISTS OF A CHIP AND SEAL DRIVE AND PARKING LOT, 30'X30' OPEN SPACE, STORM WATER MANAGEMENT IMPROVEMENTS, AND SITE CLEARING AND GRADING.

SPECIFICATIONS
THE CITY OF HUDSON'S ENGINEERING STANDARDS FOR INFRASTRUCTURE CONSTRUCTION, LATEST EDITION SHALL GOVERN THIS PROJECT. THE HUDSON STANDARDS WILL BE SUPPLEMENTED, WHERE APPLICABLE, BY THE STATE OF OHIO DEPARTMENT OF TRANSPORTATION CONSTRUCTION AND MATERIAL SPECIFICATIONS (DATED JANUARY 1, 2023). THE ORDER OF PRECEDENCE FOR THE PROJECT WILL BE: CITY OF HUDSON PLANS, FOLLOWED BY THE PROJECT CONTRACT DOCUMENT SPECIFICATIONS, CITY STANDARDS AND THEN ODOT SPECIFICATIONS.



LOCATION MAP
NTS

I HEREBY APPROVE THESE PLANS AND DECLARE THAT THE MAKING OF THIS IMPROVEMENT WILL NOT REQUIRE THE CLOSING TO TRAFFIC OF THE HIGHWAY, AND THAT PROVISIONS FOR THE MAINTENANCE AND SAFETY WILL BE AS SET FORTH ON PLANS AND ESTIMATES.

APPROVED: Bradley Kosco
DATE: 11-17-25 BRADLEY KOSCO, P.E., P.S.
CITY ENGINEER

APPROVED: _____
DATE: _____ THOMAS J SHERIDAN,
ASSISTANT CITY MANAGER



PLAN PREPARED BY:
CITY OF HUDSON ENGINEERING
1140 TEREX RD HUDSON, OHIO 44236
330.342.1770



- INDEX OF SHEETS
- 1. TITLE
 - 2. SITE MAP
 - 3. SITE PLAN
 - 4. TREE & VEGETATION PLAN
 - 5. LANDSCAPING & BUFFER PLAN
 - 6. LAYOUT & GRADING PLAN
 - 7. SWPP PLAN
 - 8. PARKING LOT SITE DISTANCE
 - 9. DETAILS

TOTAL AREA OF SITE	29.2 ACRES
TOTAL IMPERVIOUS COVER	0.10 ACRES
PERCENT OF SITE COVERED BY IMPERVIOUS COVER	0.03%
TOTAL BUILDING COVERAGE	N/A
FLOOR AREA TO LOT AREA RATIO	N/A
GROSS FLOW AREA	N/A
% TOTAL AREA OF UNDISTURBED LAND WITH A BREAKDOWN BY USE	99.5% – PUBLIC PARK

EX. "ROBINSON FIELD PARK"
SIGN (SEE IMAGE @ RIGHT)



SOIL KEY

- Cg - CARLISLE**
- EIB - ELLSWORTH**
- Md - MADE LAND, SANITARY FILL**
- MgA - MAHONING**
- MgB - MAHONING**
- Tr - TRUMBULL**



"ROBINSON FIELD PARK" SIGN

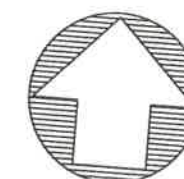
OHIO
HUDSON

1140 Terex Road
Hudson, Ohio 44236
(330) 342-1770

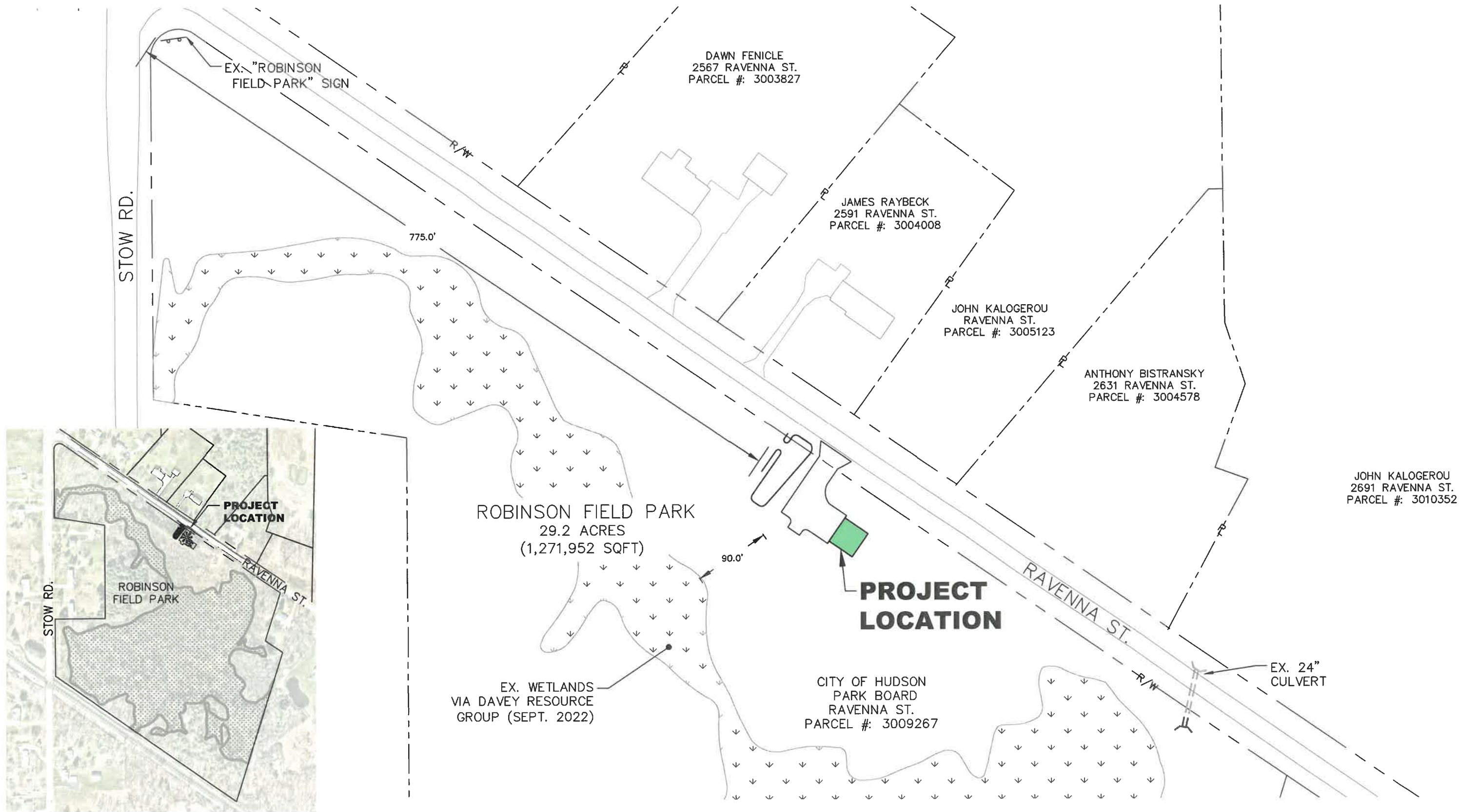
ROBINSON PARK PARKING LOT PROJECT

SITE MAP

SHEET 2 OF 9



0 50 100
SCALE IN FEET
SCALE: 1" = 250'



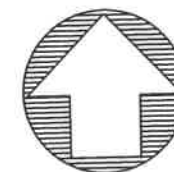
OHIO
HUDSON

1140 Terex Road
Hudson, Ohio 44236
(330) 342-1770

ROBINSON PARK PARKING LOT PROJECT

SITE PLAN

SHEET 3 OF 9



0 50 100
SCALE IN FEET

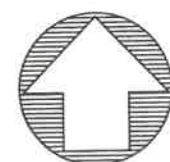
SCALE: 1" = 100'



1140 Terex Road
Hudson, Ohio 44236
(330) 342-1770

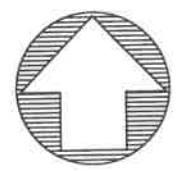
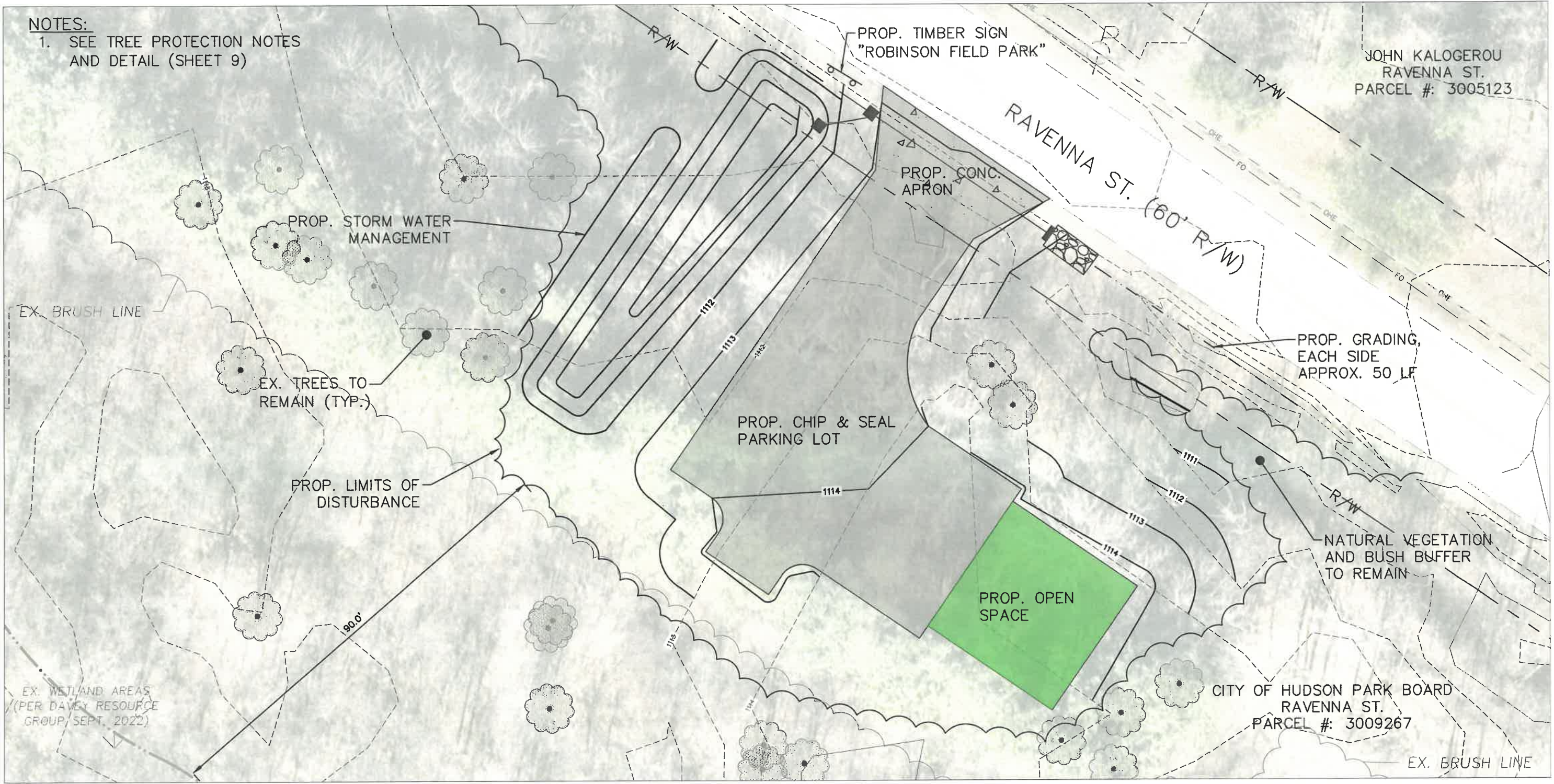
ROBINSON PARK **PARKING LOT PROJECT** **TREE AND VEGETATION PLAN**

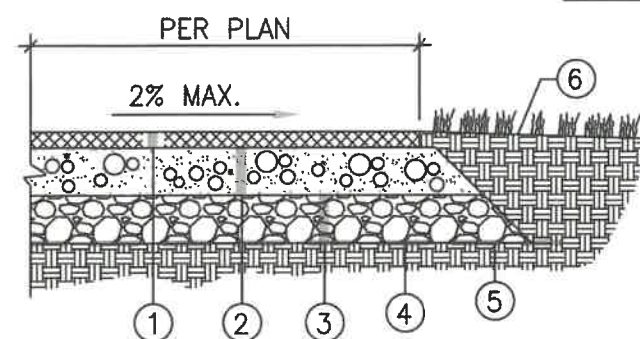
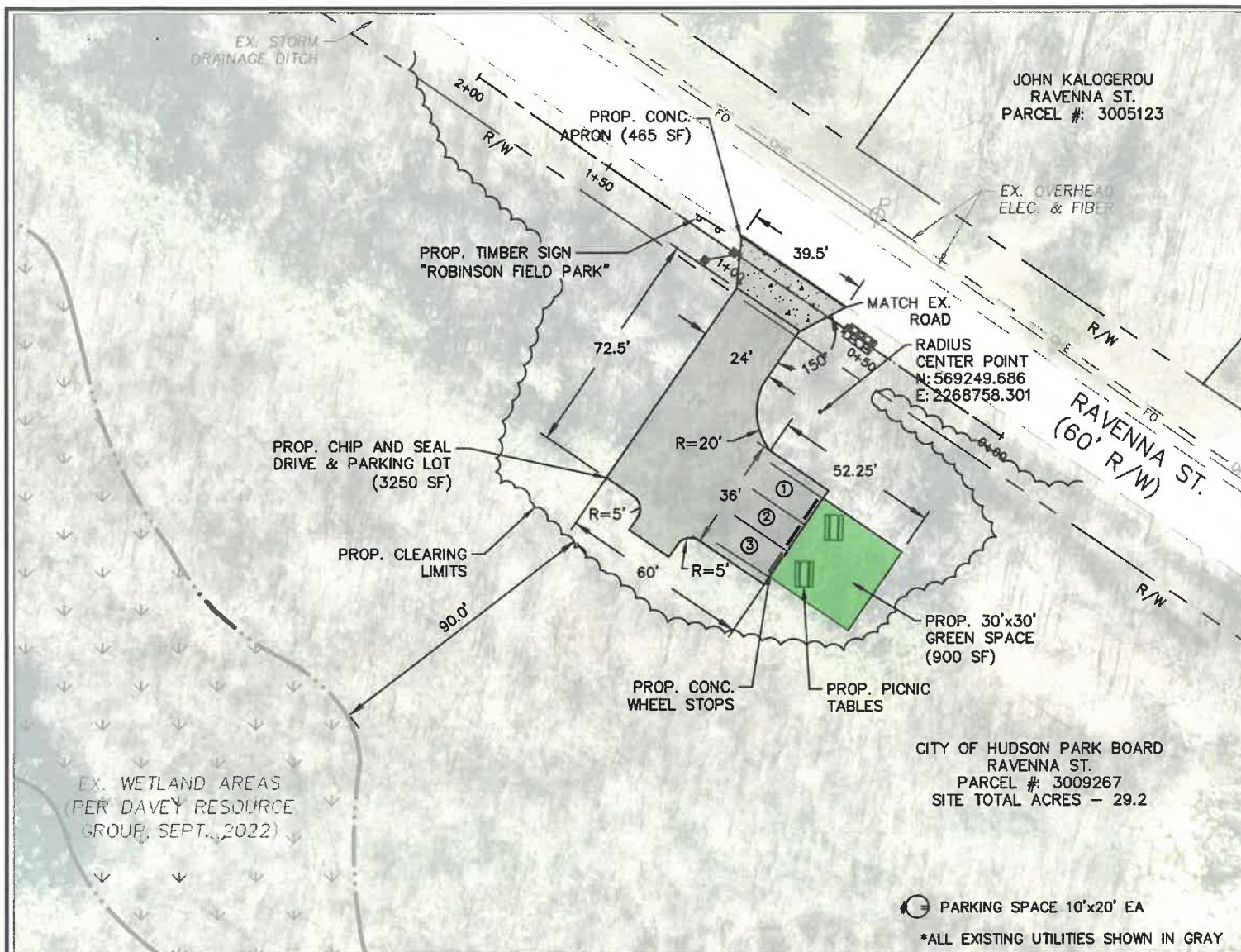
SHEET 4 OF 9



0 10 20
SCALE IN FEET
SCALE: 1" = 20'

LANDSCAPING & BUFFERYARD PLAN





CHIP AND SEAL STONE PAVEMENT DETAIL

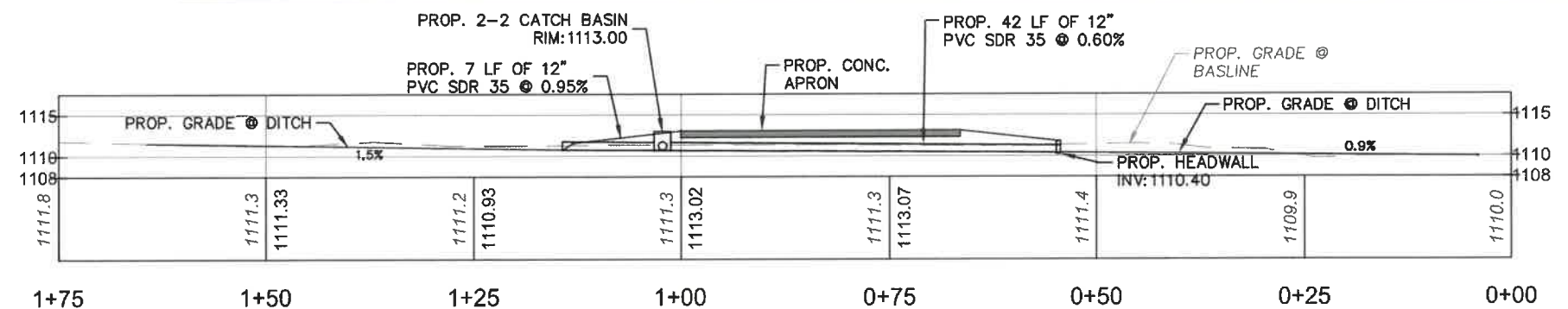
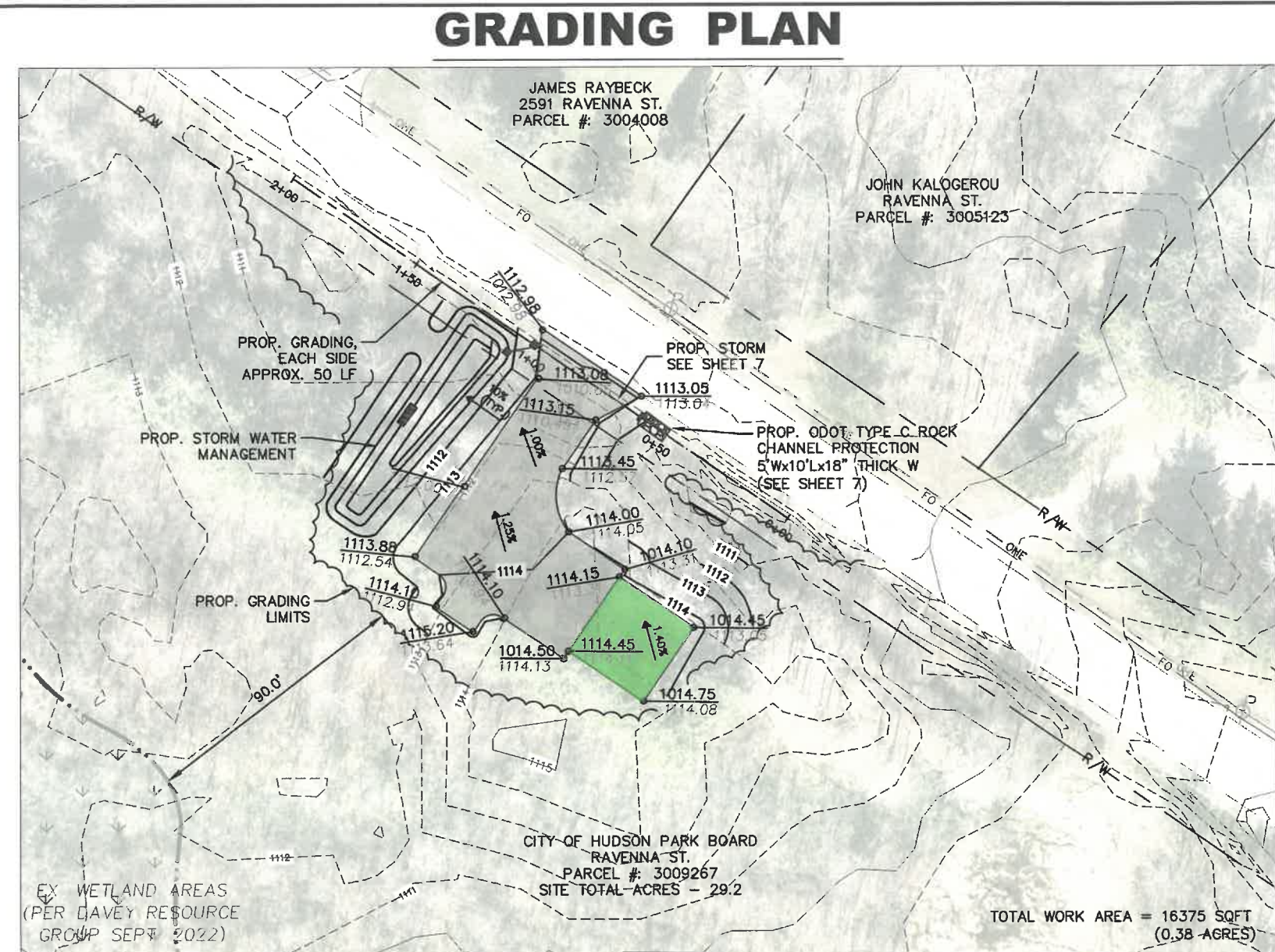
NOT TO SCALE



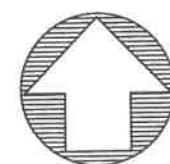
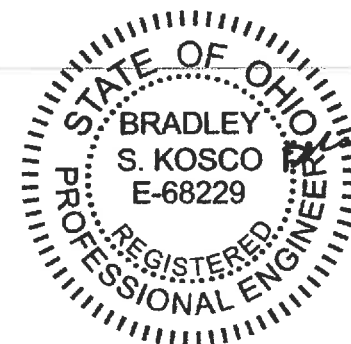
1140 Terex Road
Hudson, Ohio 44236
(330) 342-1770

ROBINSON PARK PARKING LOT PROJECT SITE & GRADING PLAN

SHEET 6 OF 9

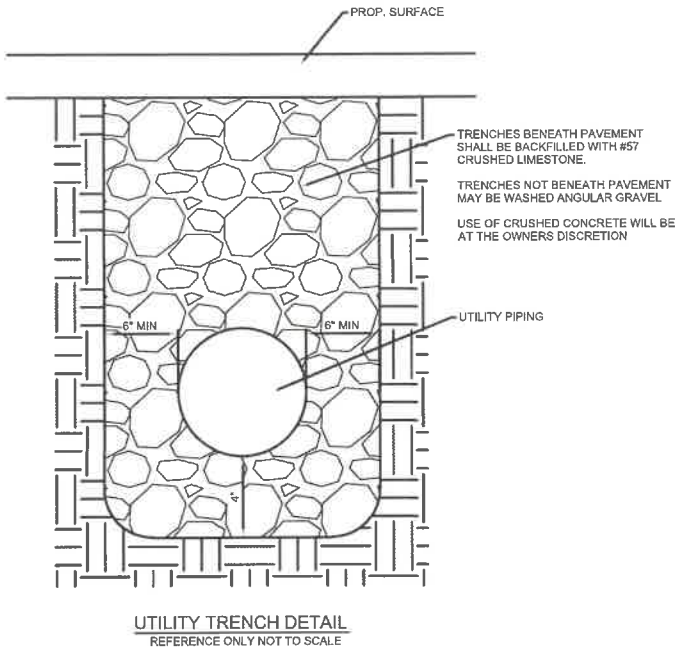
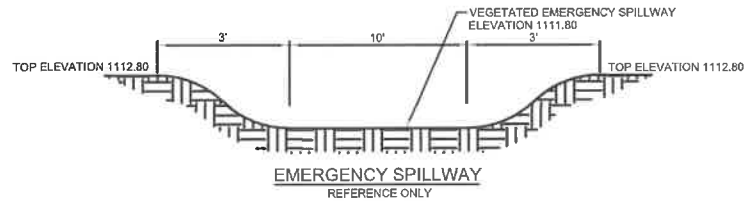
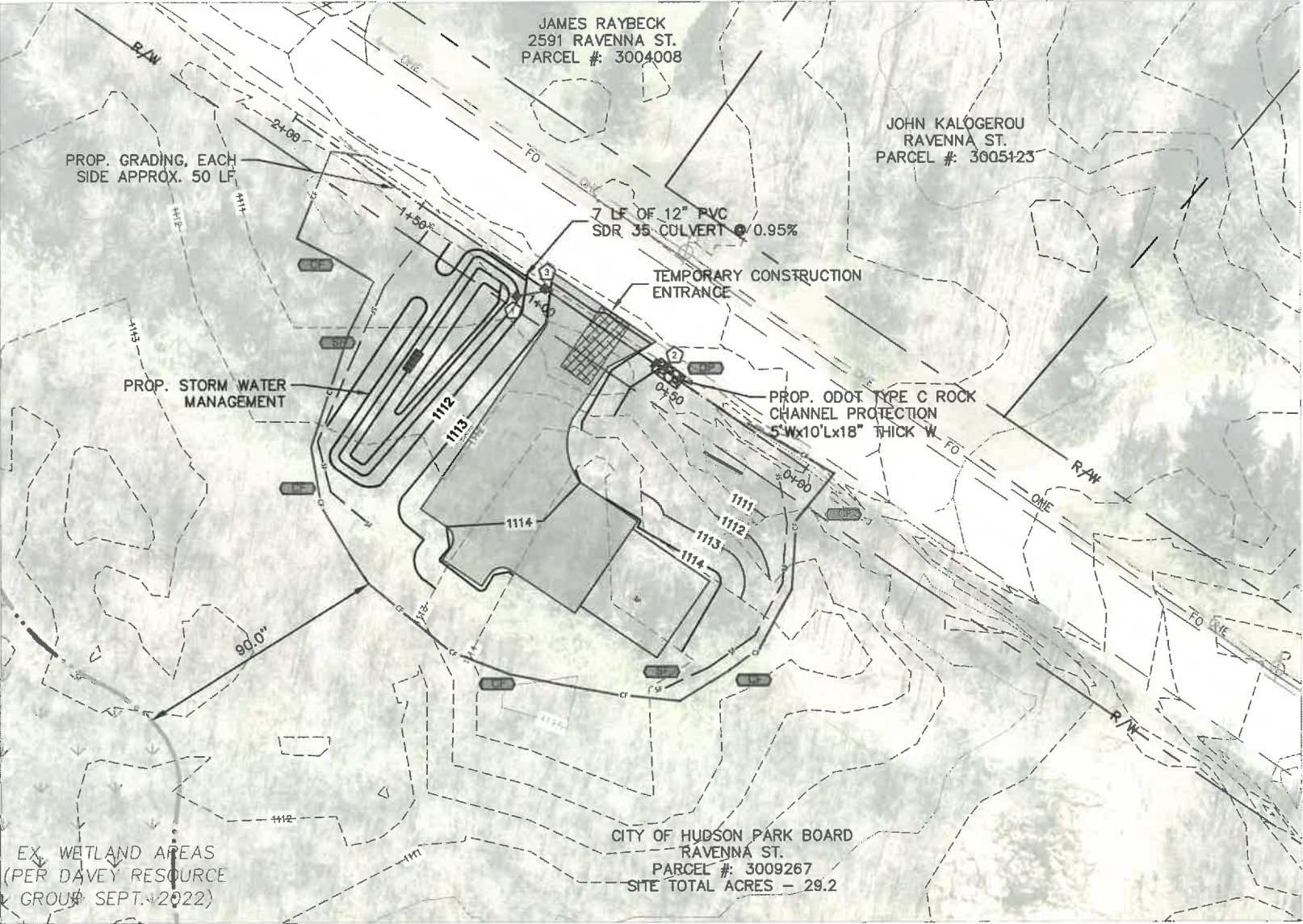


SCALE: 1" = 20'



SCALE: 1" = 50'

SWPP PLAN

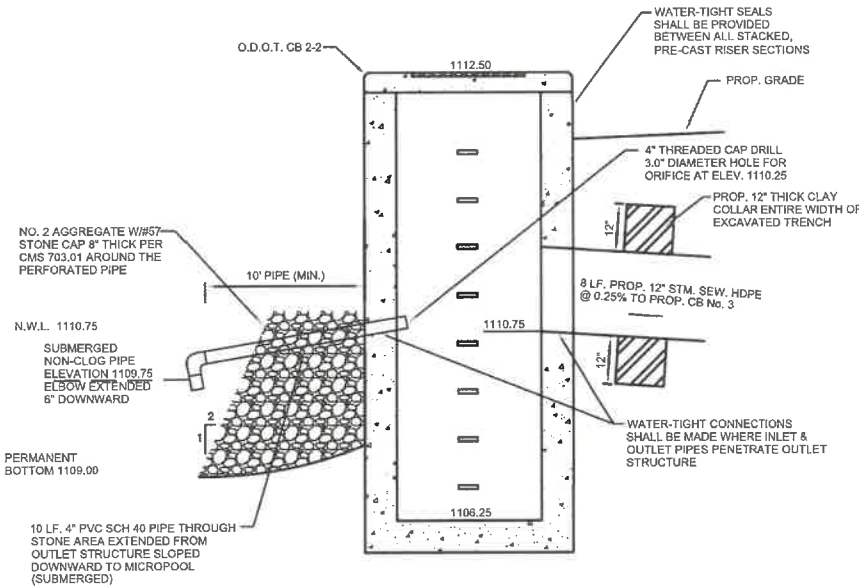
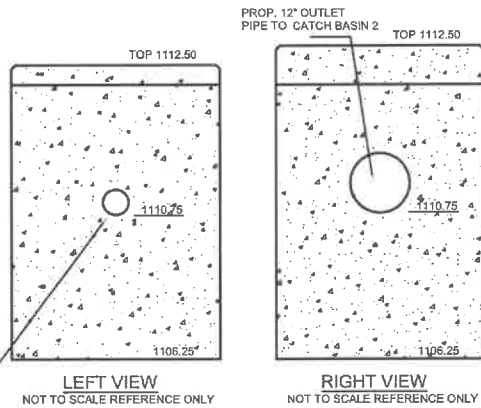


PROPOSED STORM PIPE SCHEDULE					
FROM	TO	SIZE	SLOPE	TYPE	LENGTH
1	3	12"	0.25%	PVC	8'
3	2	12"	0.60%	PVC	42'

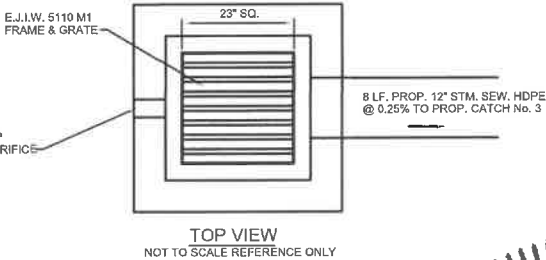
PROPOSED STORM STRUCTURE SCHEDULE

- 1 PROP. OUTLET STRUCTURE
RIM: 1112.50
INV. 1110.75, 12" PVC SDR 35
- 2 PROP. ODOT HW 2.1
INV. 1110.40, 12" PVC SDR 35
- 3 PROP. ODOT CB 2.2
RIM: 1113.00
INV. IN 1110.72 12" PVC SDR 35 SW
INV. IN 1110.70 12" PVC SDR 35 NW
INV. OUT 1110.65 12" PVC SDR 35 SE

- CF CONSTRUCTION FENCE
- SF SILT FENCE
- OP OUTLET PROTECTION
- TEMPORARY CONSTRUCTION ENTRANCE



PERMANENT OUTLET STRUCTURE No. 1
NON-CLOG FIGURE 2.6.3 OF OHIO RAINWATER AND LAND DEVELOPMENT MANUAL
REFERENCE ONLY

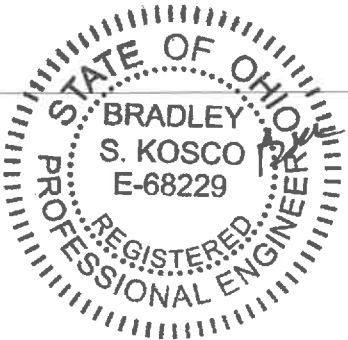


1140 Terex Road
Hudson, Ohio 44236
(330) 342-1770

ROBINSON PARK
PARKING LOT PROJECT

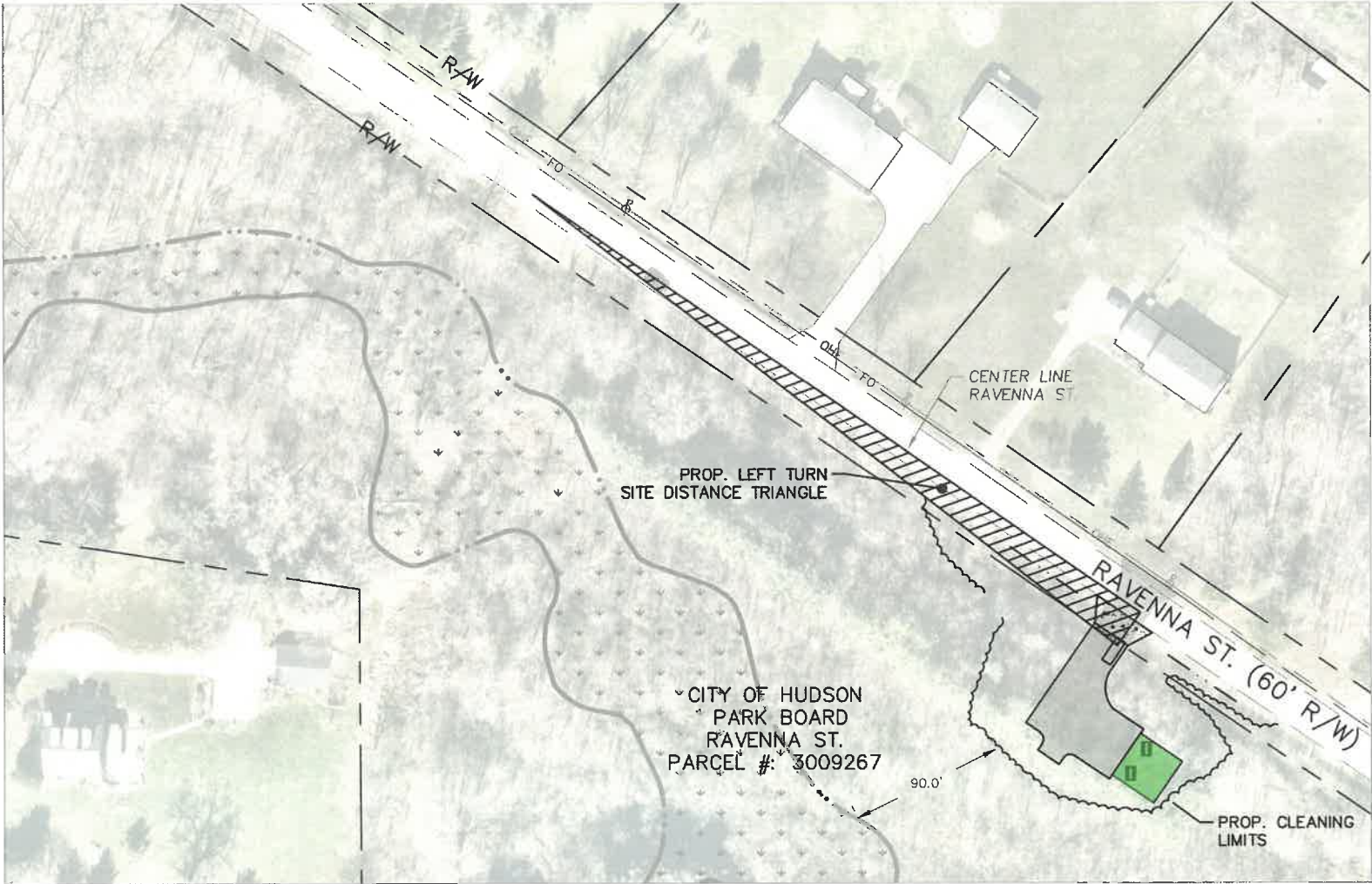
SWPP PLAN

SHEET 7 OF 9

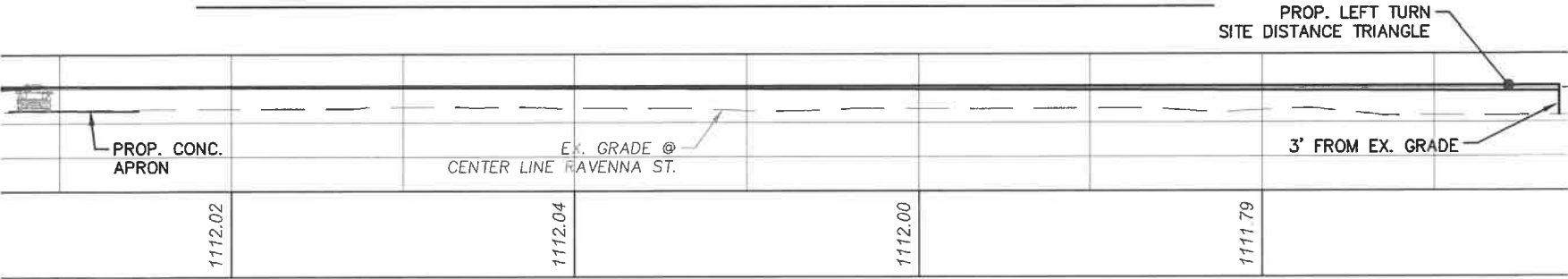


0 25 50
SCALE IN FEET
SCALE: 1" = 50'

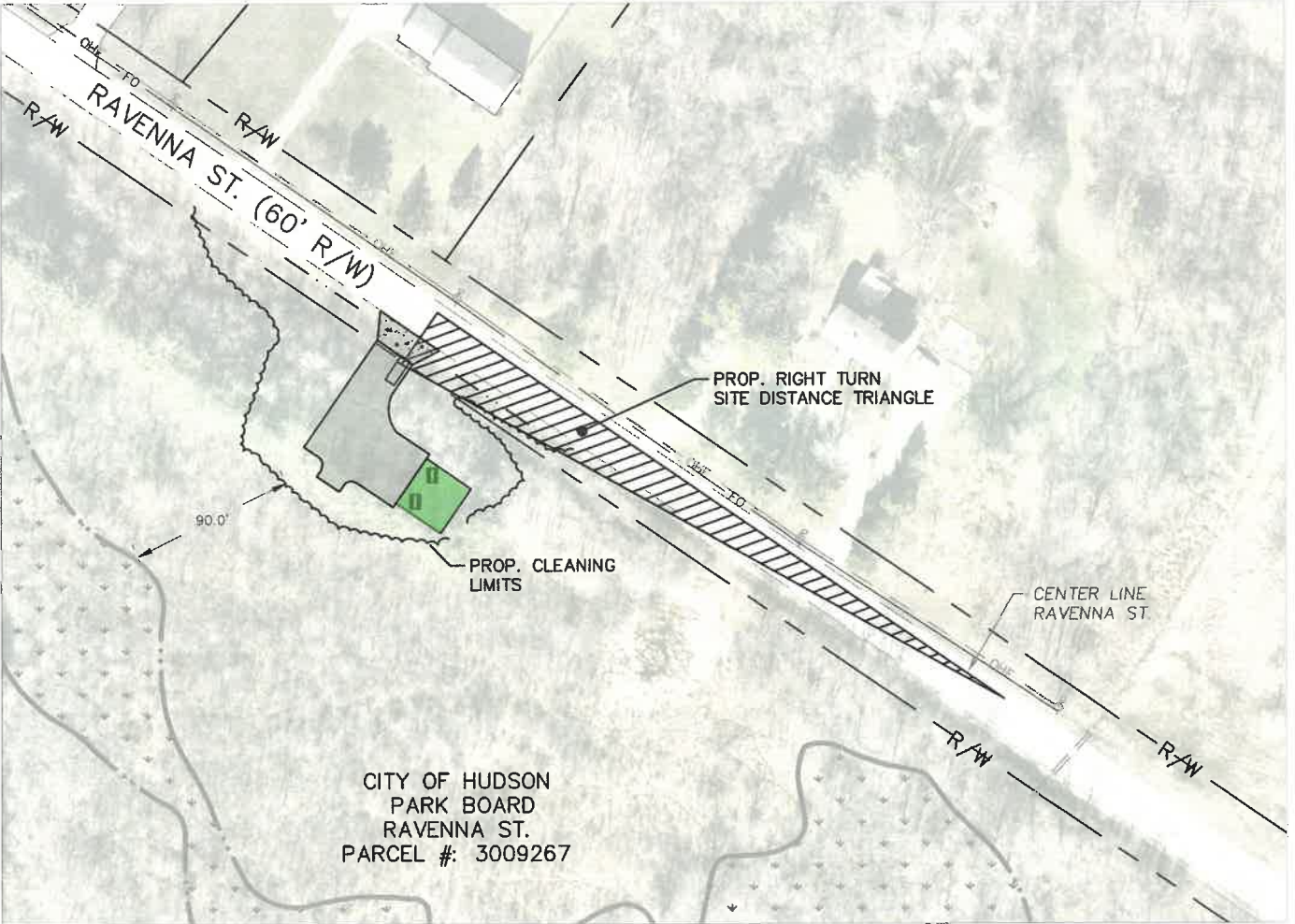
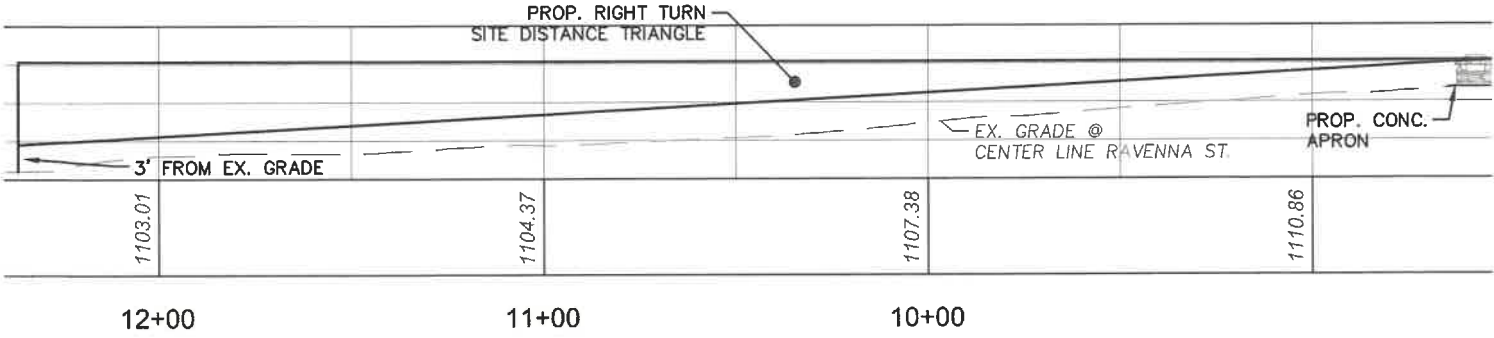
SITE DISTANCE FOR LEFT APPROACHING TRAFFIC



PROFILE FOR LEFT APPROACHING TRAFFIC



PROFILE FOR RIGHT APPROACHING TRAFFIC

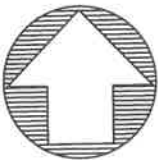


SITE DISTANCE FOR RIGHT APPROACHING TRAFFIC

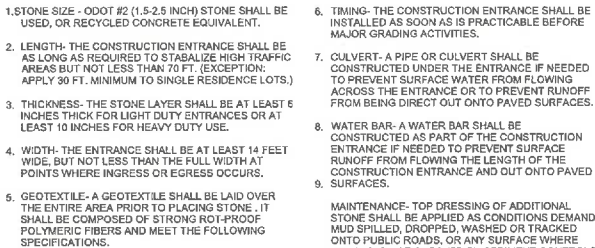
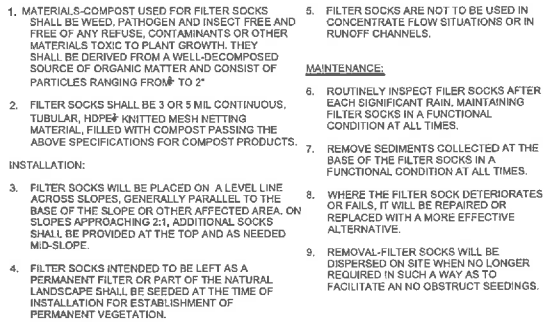


1140 Terex Road
Hudson, Ohio 44236
(330) 342-1770

ROBINSON PARK PARKING LOT PROJECT DRIVEWAY SITE DISTANCE



0 10 20
SCALE IN FEET
SCALE: 1" = 20'



GEOTECHNICAL SPECIFICATIONS FOR CONSTRUCTION ENTRANCE	
MINIMUM TENSILE STRENGTH	300 LBS.
MINIMUM PUNCTURE STRENGTH	80 PSF
MINIMUM TEAR STRENGTH	50 LBS.
MINIMUM BURN STRENGTH	350 PSF
MINIMUM ELONGATION	50%
EXHAUST OPENING SIZE	50%-CLASS
PERMEABILITY	10 ⁻¹⁰ CM/SEC.

REQUIREMENTS FOR GEOTEXTILES			
PROPERTY	TEST METHOD	WOVEN CLASS I	NONWOVEN I
TENSILE STRENGTH (POUNDS / FT)	ASTM D 4832 GRASS TEST	20 MINIMUM IN ANY PRINCIPAL DIRECTION	180 MINIMUM
ELONGATION AT FAILURE (PERCENT H)	ASTM D 4832 GRASS TEST	<50	> 50
PUNCHING PROOF (FT)	ASTM D 4633	90 MINIMUM	80 MINIMUM
ULTRA-HIGH LIGHT TRANSMITTANCE (PERCENT H)	ASTM D 4355 150-HR EXPOSURE	70 MINIMUM	70 MINIMUM
APPROXIMATE OPENING SIZE (AOS)	ASTM D 4751	AS SPECIFIED, BUT NO SMALLER THAN .212 (7/64) IN.	AS SPECIFIED MAX. #40 (2)
PERCENT OPEN AREA (PERCENT H)	CWO-62215-58	4.0 MINIMUM	—
PERMITTIVITY SEC-1	ASTM D 4991	0.70 MINIMUM	0.70 MINIMUM

1. MINIMUM AVERAGE ROLL VALUE (WE PRINCIPAL DIRECTION).
 2. U.S. STANDARD SIEVE SIZE
- NOTE: CWO IS A USACE REFERENCE

TYPE OF ROCK OF RIPRAP (DOT)	"N" VALUE	SIZE OF ROCK	
		50%	85%
TYPE D	.036	>5 IN.	3-12 IN.
TYPE C	.04	>12 IN.	6-18 IN.
TYPE B	.043	>16 IN.	12-24 IN.
TYPE A	.045	>24 IN.	18-30 IN.

CONSTRUCTION ENTRANCES SHALL NOT BE RELIED UPON TO REMOVE MUD FROM VEHICLES AND
11. PREVENT OFF-SITE TRACKING. VEHICLES THAT ENTER AND LEAVE THE CONSTRUCTION-SITE SHALL BE RESTRICTED FROM MUDDY AREAS.

REMOVAL- THE ENTRANCE SHALL REMAIN IN PLACE UNTIL THE DISTURBED AREA IS STABILIZED OR REPLACED WITH A PERMANENT ROADWAY OR ENTRANCE.

1. MULCH AND OTHER APPROPRIATE VEGETATIVE PRACTICES SHALL BE APPLIED TO DISTURBED AREAS IN TWO WAYS OF GRADING IF THE AREA IS TO REMAIN DORMANT (UNDISTURBED) FOR MORE THAN 21 DAYS OR AREAS AS SPECIFIED BY THE OWNER. THE MULCH CAN BE BROUGHT TO FINAL GRADE.
2. MULCH SHALL CONSIST OF ONE OF THE FOLLOWING:
 - STRAW SHALL BE UNROTTED SMALL GRAIN STRAW APPLIED AT THE RATE OF 2 TONS/AC, OR 90 LB/LF, 6,000 SF, FT. (TWO TO THREE BALES).
 - THE STRAW MULCH SHALL BE SPREAD UNIFORMITY BY HAND OR MECHANICALLY SO THE SOIL SURFACE IS COVERED FOR UNIFORM DISTRIBUTION OF HAND-SPREAD MULCH.
 - DIVIDE AREA INTO APPROXIMATELY 1,000 SQ. FT. SECTIONS. PLACE TWO 45-LB. BALES OF STRAW IN EACH SECTION.
 - HYDROSEEDERS - WOOD CELLULOSE FIBER SHALL BE SEED AT 2,000 LB/AC, OR 46 LB/LF, 6,000 SF, FT.
 - OTHER - ACCEPTABLE MULCH TYPES INCLUDE MULCH MATTINGS AND ROLLED EROSION CONTROL PRODUCTS APPLIED ACCORDING TO MANUFACTURER'S RECOMMENDATIONS OR WOOD MULCH/CNIPS APPLIED AT 10-20 TONS/AC.
3. MULCH ANCHORING - MULCH SHALL BE ANCHORED IMMEDIATELY TO MINIMIZE LOSS BY WIND OR RUNOFF. THE FOLLOWING ARE ACCEPTABLE ANCHORING METHODS FOR ANCHORING MULCH:
 - MECHANICAL - USE A DISK, CRIMPER, OR SIMILAR TYPE TOOL SET STRAIGHT TO PUNCH OR ANCHOR THE MULCH MATERIAL INTO THE SOIL. STRAW MECHANICALLY ANCHORED SHALL NOT BE FINELY CHOPPED BUT BE LEFT GENERALLY LONGER THAN 6 INCHES.
 - MULCH NETTINGS - USE ACCORDING TO THE MANUFACTURER'S RECOMMENDATIONS FOLLOWING ALL PLACEMENT AND ANCHORING REQUIREMENTS. USE IN AREAS OF WATER CONCENTRATION AND STEEP SLOPES TO HOLD MULCH IN PLACE.
 - SYNTHETIC BINDERS - FOR STRAW MULCH, SYNTHETIC BINDERS SUCH AS ACRYLIC DLR (AGRI-TAC), DCA-70, PETROSET, TERRA TACK, OR QUALMAY MAY BE USED IF RECOMMENDED BY THE MANUFACTURER. ALL APPLICATIONS OF SYNTHETIC BINDERS MUST BE CONDUCTED IN SUCH A MANNER WHERE THERE IS NO CONTACT WITH WATER OF THE STATE.
 - WOOD CELLULOSE FIBER - WOOD CELLULOSE FIBER MAY BE USED FOR ANCHORING STRAW.



1. TREE PROTECTION BARRIERS MUST BE INSTALLED TO THE SATISFACTION OF THE CITY AND AS DETAILED OUT IN THE PLANS AND SPECIFICATIONS.
2. TREE BARRIERS TO BE PLACED AROUND ALL TREES THAT COME INTO CONTACT WITH CONSTRUCTION ACTIVITIES. TREE BARRIERS TO BE PLACED SIX INCHES FROM TRUNK FOR EVERY INCH IN DIAMETER THE TREE IS.
3. PRIOR TO ANY CONSTRUCTION ACTIVITIES, ALL TREE BARRIERS MUST BE IN PLACE AND APPROVED BY THE CITY ARBORIST.
4. TREE PROTECTION BARRIERS MUST REMAIN IN PLACE AND IN GOOD CONDITION DURING ALL PHASES OF THE CONSTRUCTION.
5. THE CONTRACTOR SHALL BE REQUIRED TO CUT ALL TREE ROOTS AND PRUNE TREE BRANCHES WITHIN THE CONSTRUCTION LIMITS PRIOR TO ANY EXCAVATION FOR THE PROPOSED UTILITIES. THE TREE ROOT CUTTING SHALL BE PROVIDED FROM 10 FEET OF EITHER SIDE OF THE TREE CANOPY'S DRIP LINE WITHIN THE EXCAVATION LIMITS. TREE BRANCH PRUNING WILL BE REQUIRED WITHIN THE RIGHT-OF-WAY AND INCLUDE ALL TREE BRANCHES THAT MAY BE DAMAGED BY THE CONTRACTOR OR AS DIRECTED BY THE CITY OF HUDSON ARBORIST. THE CITY OF HUDSON ARBORIST WILL BE PROVIDED 48 HOUR NOTIFICATION PRIOR TO THE TREE ROOT CUTTING AND TREE BRANCH PRUNING OPERATIONS AT 330-342-1750 AND WILL BE ON-SITE TO VERIFY THE LIMITS.
6. SEE ARTICLE 4 IN THE CONTRACT DOCUMENTS FOR DETAILS ON ROOT CUTTING.
7. ORANGE CONSTRUCTION FENCE SHALL BE INSTALLED A MINIMUM OF SIX TO TWELVE INCHES FROM THE TRUNK FOR EVERY INCH IN DIAMETER THE TREE IS. ORANGE CONSTRUCTION FENCE TO BE INSTALLED AS DIRECTED.

1. SOIL SHALL BE HARVESTED, DELIVERED AND INSTALLED WITHIN A PERIOD OF 48 HOURS. SOIL SHALL BE TRANSPORTED WITHIN THIS PERIOD SHALL BE INSPECTED AND APPROVED PRIOR TO INSTALLATION.
 2. THE SOO SHALL BE KEPT MOIST AN COVERED DURING HAULING AND PREPARATION FOR PLACEMENT.
 3. SOO SHALL BE MACHINE CUT AT A UNIFORM SOIL THICKNESS OF 0.75 INCHES, PLUS OR MINUS 0.25 INCHES. AT THE TIME OF CUTTING, MEASUREMENTS FOR THICKNESS SHALL EXCLUDE TOP GROWTH AND THATCH.
- SITE PREPARATION**
1. A SUBSOILER, PLOW OR OTHER IMPLEMENT SHALL BE USED TO REDUCE SOIL COMPACTION AND ALLOW MAXIMUM INFILTRATION. ANTIMONY INFILTRATION WILL HELP CONTROL BOTH RUNOFF RATE AND WATER QUALITY. SUBSOILING SHALL NOT BE CONDUCTED ON SLIP-PRONE AREAS WHERE SOIL PREPARATION SHOULD BE LIMITED ONLY TO WHAT IS NECESSARY FOR ESTABLISHING VEGETATION.
2. THE AREA SHALL BE GRADED AND TOPSOIL SPREAD WHERE NEEDED.
- 3. SOIL AMENDMENTS**
1. LIMIC: AGRICULTURAL GROUND LIMESTONE SHALL BE APPLIED TO ACIDIC SOILS AS RECOMMENDED BY A SOIL TEST. IN LIEU OF A SOIL TEST, LIME SHALL BE APPLIED AT THE RATE OF 100 LB/1,000 SQ. FT OR 2 TONS/AC.
- FERTILIZER- FERTILIZER SHALL BE APPLIED AS RECOMMENDED BY A SOIL TEST. IN LIEU OF A SOIL TEST, FERTILIZER SHALL BE APPLIED AT A RATE OF 12 LB/1,000 SQ. FT OR 500 LB/AC. OF 10-10-10 OR 12-12-12 ANALYSIS
- THE LIME AND FERTILIZER SHALL BE WORKED INTO THE SOIL WITH A DISK HARROW, SPRING-TOOTH HARROW, OR OTHER SUITABLE FIELD IMPLEMENT TO A DEPTH OF 3 INCHES.
4. BEFORE LAYING SOO, THE SURFACE SHALL BE UNIFORMLY GRADED AND FREE OF ALL DEBRIS, STONES AND CLODS LARGER THAN 3-IN. DIAMETER.

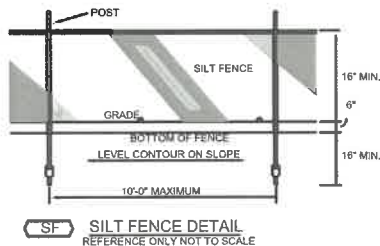
1. **SOD INSTALLATION**
DURING PERIODS OF EXCESSIVELY HIGH TEMPERATURES, THE SOIL SHALL BE LIGHTLY IRRIGATED IMMEDIATELY BEFORE LAYING THE SOD.
2. **SOD SHALL NOT BE PLACED ON FROZEN SOIL.**
3. **THE FIRST ROW OF SOD SHALL BE LAID IN A STRAIGHT LINE WITH SUBSEQUENT ROWS PLACED PARALLEL TO AND TIGHTLY WEDGED AGAINST EACH OTHER. LATERAL JOINTS SHALL BE STAGGERED IN A BRICK-LIKE PATTERN, ENSURE THAT SOD IS NOT STRETCHED OR OVERLAPPED AND THAT ALL JOINTS ARE BUTTED TIGHT IN ORDER TO PREVENT VOIDS THAT WOULD DRY THE ROOTS.**
4. **ON SLOPING AREAS WHERE EROSION MAY BE A PROBLEM, SOD SHALL BE LAID WITH THE LONG EDGE PARALLEL TO THE CONTOUR AND STAGGERED JOINTS. THE SOD SHALL BE SECURED WITH PEGS OR STAPLES.**
5. **AS SODDING IS COMPLETED IN ANY ONE SECTION, THE ENTIRE AREA SHALL BE ROLLED OR TAMPED TO ENSURE SOLID CONTACT OF ROOTS WITH THE SOIL SURFACE. SOD SHALL BE WATERED IMMEDIATELY AFTER ROLLING OR TAMPING UNTIL THE SOD AND SOIL SURFACE BELOW THE SOD ARE THOROUGHLY WET. THE OPERATIONS OF LAYING, TAMPING AND IRRIGATING FOR ANY PIECE OF SOD SHALL BE COMPLETED WITHIN HOURS.**
6. **MAINTENANCE**
1. **IN THE ABSENCE OF ADEQUATE RAINFALL, WATERING SHALL BE PERFORMED DAILY OR AS OFTEN AS NECESSARY DURING THE FIRST WEEK WITH SUFFICIENT QUANTITIES TO MAINTAIN MOIST SOIL TO A DEPTH OF 4-6 INCHES.**
2. **AFTER THE FIRST WEEK, SOD SHALL BE WATERED AS NECESSARY TO MAINTAIN ADEQUATE MOISTURE AND ENSURE ESTABLISHMENT.**
3. **THE FIRST MOWING SHALL NOT BE ATTEMPTED UNTIL SOD IS FIRMLY ROOTED.**

SPECIFICATIONS FOR DUST CONTROL

ADHESIVES FOR DUST CONTROL			
ADHESIVE	WATER DILUTION (ADHESIVE WATER)	NOZZLE TYPE	APPLICATION RATE GAL./AC.
LATEX EMULSION	12.5:1	FINE	235
TESIN IN WATER ACRYLIC EMULSION (NO-TRAFFIC)	4:1	FINE	300
ACRYLIC EMULSION (NO-TRAFFIC)	7:1	COARSE	450
ACRYLIC EMULSION (TRAFFIC)	3.5:1	COARSE	350

1. **VEGETATIVE COVER AND/MULCH:** APPLY TEMPORARY OR PERMANENT SEEDING AND MULCH TO AREAS THAT WILL REMAIN IDLE FOR OVER 21 DAYS. SAVING EXISTING TREES AND LARGE SHRUBS WILL ALSO REDUCE SOIL AND AIR MOVEMENT ACROSS DISTURBED AREAS. SEE TEMPORARY SEEDING; PERMANENT SEEDING; MULCHING PRACTICES; AND TREE AND NATURAL AREA PROTECTION PRACTICES.
2. **WATERING-SPRAY SITE WITH WATER UNTIL THE SURFACE IS WET BEFORE AND DURING GRADING AND REPEAT AS NEEDED, ESPECIALLY ON HAUL ROADS AND OTHER HEAVY TRAFFIC ROUTES. WATERING SHALL BE DONE AT A RATE THAT PREVENTS DUST BUT DOES NOT CAUSE SOIL EROSION. WETTING AGENTS SHALL BE UTILIZED ACCORDING TO MANUFACTURERS INSTRUCTIONS.**
3. **SPRAY-ON ADHESIVES-APPLY ADHESIVE ACCORDING TO THE FOLLOWING TABLE OR MANUFACTURERS' INSTRUCTIONS**
4. **STONE - GRADED ROADWAYS AND OTHER SUITABLE AREAS WILL BE STABILIZED USING CRUSHED STONE OR COARSE GRAVEL AS SOON AS PRACTICABLE AFTER REACHING AN INTERIM OR FINAL GRADE. CRUSHED STONE OR COARSE GRAVEL CAN BE USED AS A PERMANENT COVER TO PROVIDE CONTROL OF SOIL EMISSIONS.**
5. **BARRIERS- EXISTING WINDBREAK VEGETATION SHALL BE MARKED AND PRESERVED. SAVING EXISTING TREES AND OTHER SUITABLE BARRIER MAY BE PLANTED PERPENDICULAR TO PREVAILING AIR CURRENTS AT INTERVALS OF ABOUT 15 TIMES THE BARRIER HEIGHT TO CONTROL AIR CURRENTS AND BLOWING SOIL.**
6. **CALCIUM CHLORIDE - THIS CHEMICAL MAY BE APPLIED BY MECHANICAL SPREADER AS LOOSE, DRY GRANULES OR FLAKES AT A RATE THAT KEEPS THE SURFACE MOIST BUT NOT SO HIGH AS TO CAUSE WATER POLLUTION OR PLANT DAMAGE. APPLICATION RATES SHOULD BE DETERMINED BY THE MANUFACTURER'S SPECIFIED RATES.**
7. **OPERATION AND MAINTENANCE - WHEN TEMPORARY DUST CONTROL MEASURES ARE USED; REPETITIVE TREATMENT SHOULD BE APPLIED AS NEEDED TO ACCOMPLISH CONTROLS.**

STREET CLEANING-PAVED AREAS THAT HAVE ACCUMULATED SEDIMENT FROM CONSTRUCTION SHOULD BE CLEANED DAILY, OR AS NEED, UTILIZING A STREET SWEEPER OR BUCKET-TYPE ENDLOADER OR SCRAPER.



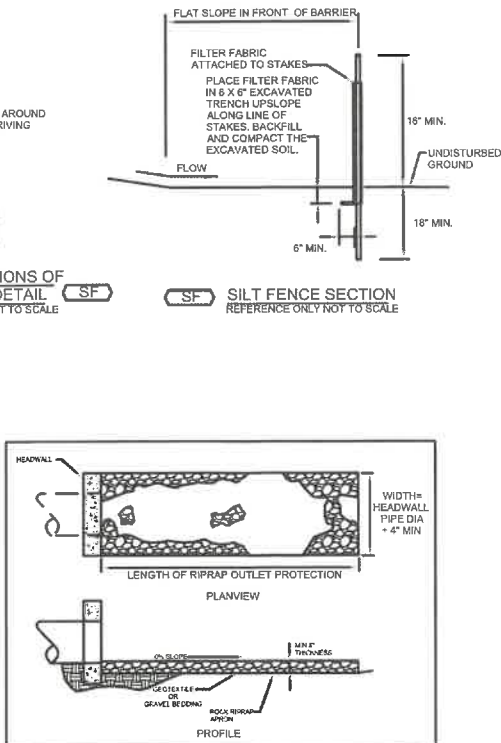
WRAP GEOTEXTILE AROUND STAKES BEFORE DRIVING



This diagram illustrates the correct technique for installing a stake. A stake is shown being driven into the ground. A geotextile fabric is being wrapped around the stake before it is fully driven in, ensuring it is properly secured and tensioned.

JOINING SECTIONS OF
SILT FENCE DETAIL
REFERENCE ONLY NOT TO SCALE

SF **SILT FENCE SECTION**
REFERENCE ONLY NOT TO SCALE



1. SUBGRADE FOR FILTER OR BEDDING AND RIPRAP SHALL BE PREPARED TO THE REQUIRED LINES AND GRADES AS SHOWN ON THE PLAN. THE SUBGRADE SHALL BE CLEARED OF ALL TREES, STUMPS, ROOTS, SOIL, LOOSE ROCK, OR OTHER MATERIAL.
2. RIPRAP SHALL CONFORM TO THE GRADING LIMITS AS SHOWN ON THE PLAN.
3. GEOTEXTILE SHALL BE SECURELY ANCHORED ACCORDING TO MANUFACTURERS' RECOMMENDATIONS.
4. GEOTEXTILE SHALL BE LAID WITH THE LONG DIMENSION PARALLEL TO THE DIRECTION OF FLOW AND SHALL BE Laid LOOSELY BUT WITHOUT WRINKLES AND CREASES. WHERE JOINTS ARE NECESSARY, STRIPS SHALL BE PLACED TO PROVIDE A 12-IN. MINIMUM OVERLAP WITH THE UPSTREAM STRIP OVERLAPPING THE DOWNSTREAM STRIP.
5. GRAVEL BEDDING SHALL BE CDOT NO. 675 OR 675'S UNLESS SHOWN DIFFERENTLY ON THE DRAWINGS.
6. RIPRAP MAY BE PLACED BY EQUIPMENT BUT SHALL BE PLACED IN A MANNER TO PREVENT SLURP OR DAMAGE TO THE GEOTEXTILE.
7. RIPRAP SHALL BE PLACED BY A METHOD THAT DOES NOT CAUSE SEGREGATION OF SIZES, EXCESSIVE PUSHING WITH A DOZOR CAUSES DEFORMATION OF THE RIPRAP SHALL BE AVOIDED BY DELIVERING RIPRAP NEAR ITS FINAL LOCATION WITHIN THE CHANNEL.
8. CONSTRUCTION SHALL BE SEQUENCED TO PREVENT EROSION. EROSION IS PLACED AND FUNCTIONAL WHEN THE STORM DRAIN, CULVERT, OR OPEN CHANNEL BECOMES FULLY OPERATIONAL.
9. ALL DISTURBED AREAS WILL BE VEGETATED AS SOON AS PRACTICAL.

SPECIFICATIONS FOR ROCK OUTLET PROTECTION

REFERENCE ONLY NOT TO SCALE

DETAILS