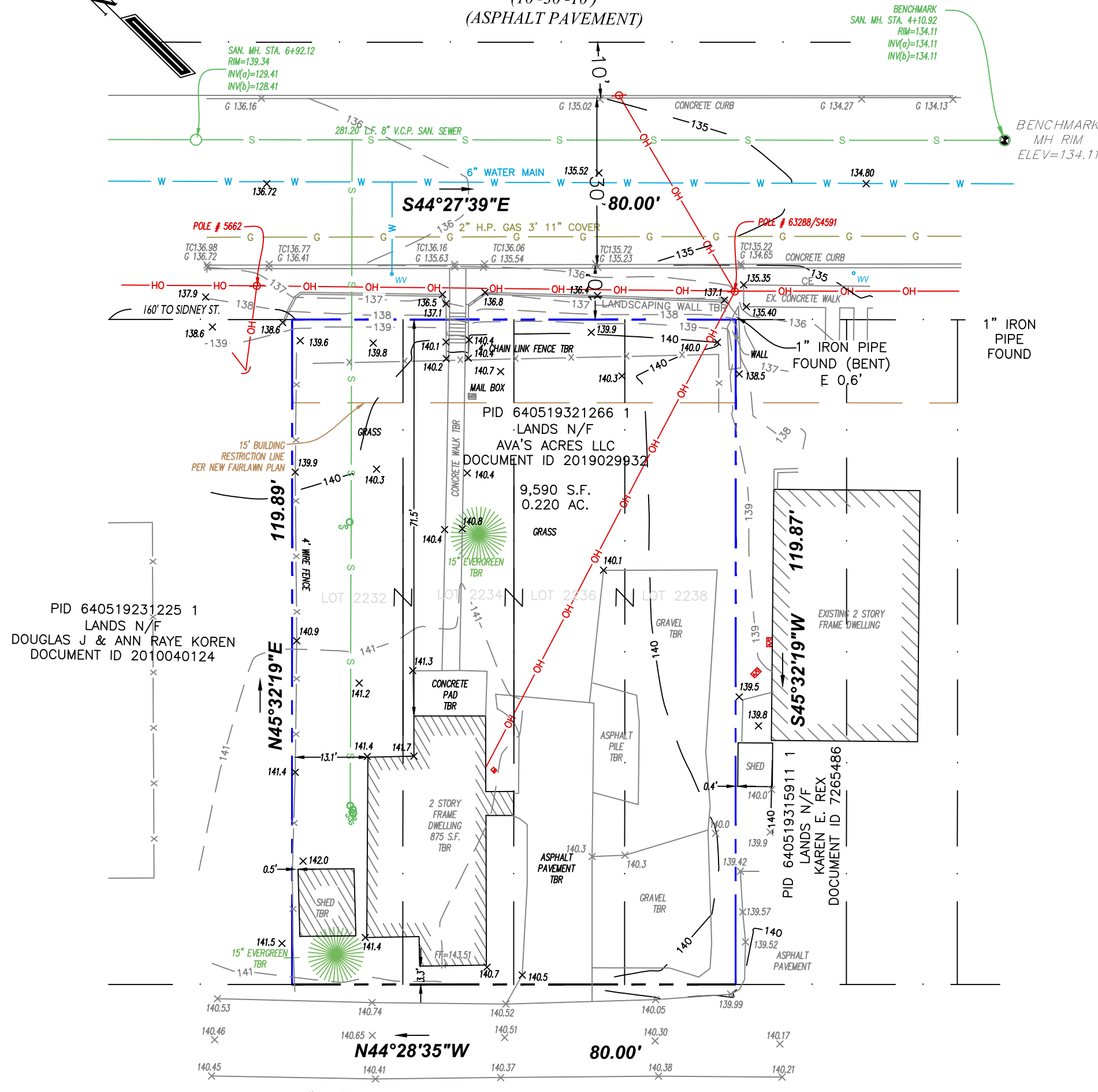


# SOUTH 11th STREET

(f.k.a. TRENTON AVENUE)  
(50' PUBLIC RIGHT OF WAY)  
(10'-30'-10')  
(ASPHALT PAVEMENT)



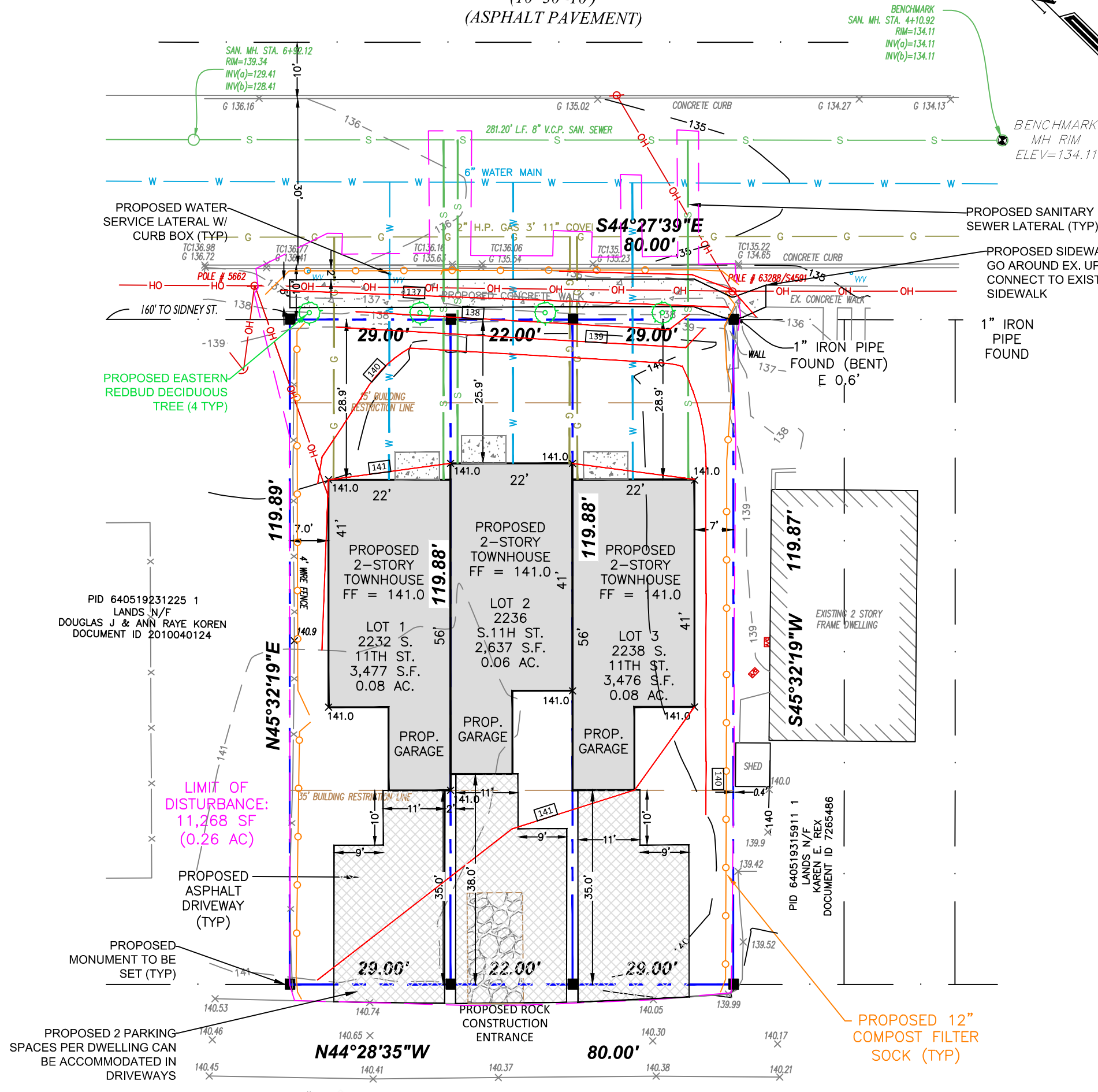
# SOUTH LYNN STREET

(f.k.a. OTTO STREET)  
(20' PUBLIC RIGHT OF WAY)  
(3'-14'-3')  
(ASPHALT PAVEMENT)

## EXISTING CONDITIONS

# SOUTH 11th STREET

(f.k.a. TRENTON AVENUE)  
(50' PUBLIC RIGHT OF WAY)  
(10'-30'-10')  
(ASPHALT PAVEMENT)



# SOUTH LYNN STREET

(f.k.a. OTTO STREET)  
(20' PUBLIC RIGHT OF WAY)  
(3'-14'-3')  
(ASPHALT PAVEMENT)

## PROPOSED CONDITIONS

### SHADE TREE REQUIREMENTS

- ONE SHADE TREE IS REQUIRED PER 40 LF OF TOTAL RIGHT-OF-WAY. THE TOTAL RIGHT-OF-WAY OF THESE PARCELS IS 160 LF; 160/40 = 4 SHADE TREES REQUIRED. 4 SHADE TREES ARE PROPOSED.
- SHADE TREES ARE BE PLANTED WITHIN THE RIGHT-OF-WAY.
- SHADE TREES FROM THE "SMALL" CATEGORY WERE CHOSEN FOR THIS PROJECT BECAUSE OF THE PRESENCE OF OVERHEAD WIRES ALONG SOUTH 11TH STREET.
- CONTRACTOR TO COMPLY WITH SHADE TREE ORDINANCE REQUIREMENTS FOR PLANTING, SPACING, PRUNING, PROTECTION, MAINTENANCE, REPLACEMENT AND PRESERVATION OF TREES.
- PERMITS SHALL BE OBTAINED FROM THE CITY OF ALLENTOWN PUBLIC WORKS DEPARTMENT FOR ALL STREET TREE PLANTINGS.

### IMPERVIOUS COVERAGES:

EXISTING LOT AREA:		9,590 SF							
EXISTING IMPERVIOUS COVER:									
HOUSE	875 SF	LOT 1 AREA:	3,477 SF	LOT 2 AREA:	2,637 SF	LOT 3 AREA:	3,476 SF		
SHED	122 SF	IMPERVIOUS COVER:		IMPERVIOUS COVER:		IMPERVIOUS COVER:			
CONCRETE	307 SF	HOUSE	1,070 SF	HOUSE	1,070 SF	HOUSE	1,070 SF		
ASPHALT	830 SF	DRIVEWAY	612 SF	DRIVEWAY	673 SF	DRIVEWAY	615 SF		
GRAVEL	1,347 SF	PORCH	40 SF	PORCH	40 SF	PORCH	40 SF		
TOTAL IMPERVIOUS COVER:	3,481 SF (36%)	TOTAL LOT 1	1,722 SF (50%)	TOTAL LOT 2	1,783 SF (68%)	TOTAL LOT 3	1,725 SF (50%)		

### ZONING DATA:

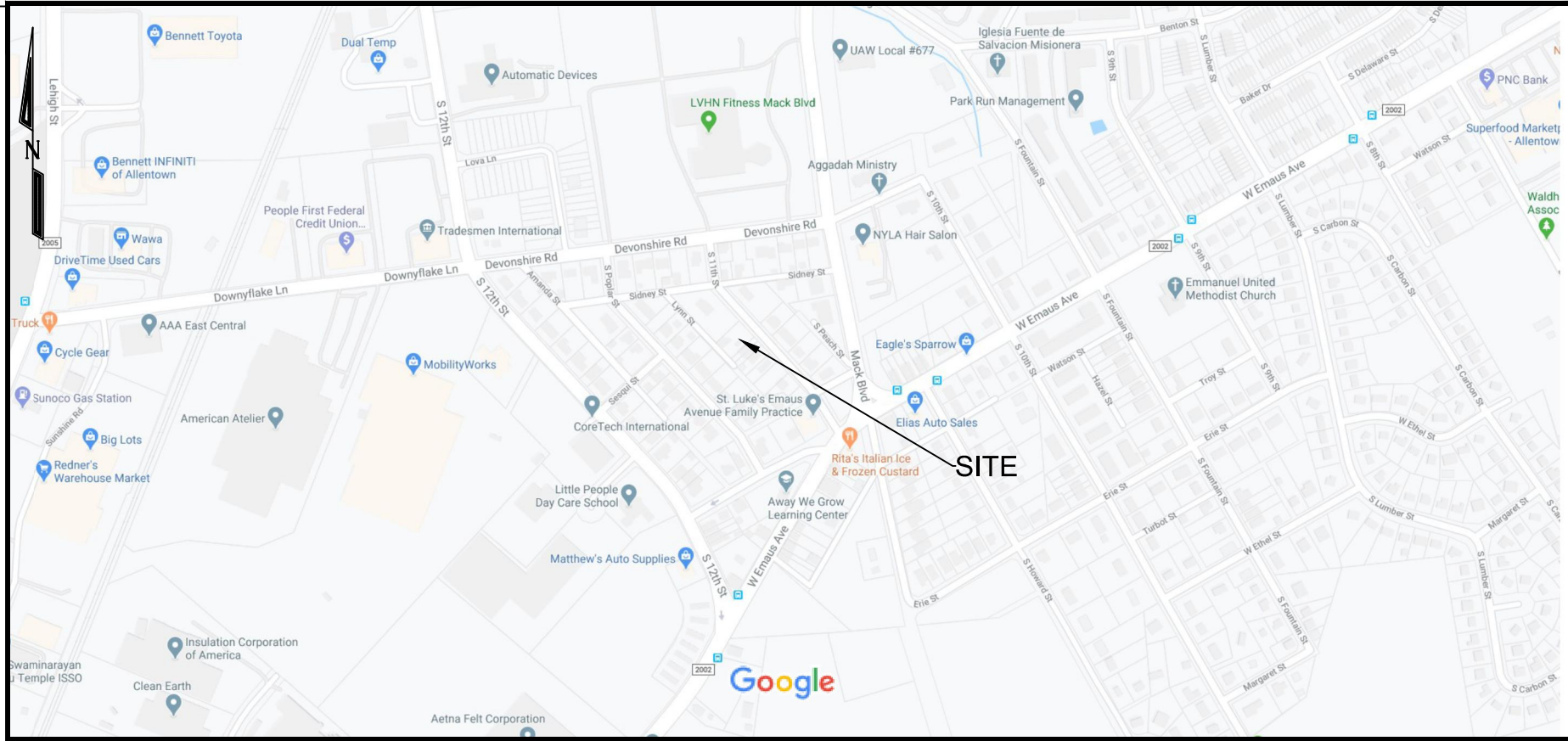
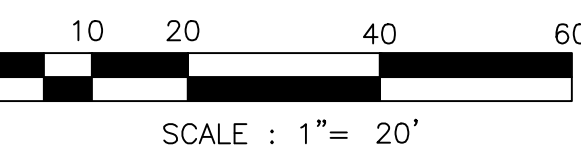
SITE IS WITHIN THE RM- MEDIUM DENSITY RESIDENTIAL ZONING DISTRICT  
USE C - ROWHOUSES/TOWNHOUSES ARE PERMITTED BY RIGHT  
THE SITE IS SERVED BY PUBLIC SEWER AND PUBLIC WATER  
THE LOT AREA IS 9,590 SF (0.220 ACRES) PER THE SURVEY

MINIMUM LOT AREA:	2,000 SF	EXISTING	9,590 SF	PROP. LOT 1	3,477 SF	PROP. LOT 2	2,637 SF	PROP. LOT 3	3,476 SF
MINIMUM LOT WIDTH:	20 FT	EXISTING	80 FT	PROP. LOT 1	29 FT	PROP. LOT 2	22 FT	PROP. LOT 3	29 FT
MINIMUM BUILDING SETBACKS:		EXISTING		PROP. LOT 1		PROP. LOT 2		PROP. LOT 3	
FRONT YARD:	25 FT	EXISTING	3.3 FT	PROP. LOT 1	28.9 FT	PROP. LOT 2	25.9 FT	PROP. LOT 3	28.9 FT
SIDE YARD:	5 FT	EXISTING	13.7 FT	PROP. LOT 1	7 FT	PROP. LOT 2	7 FT	PROP. LOT 3	7 FT
REAR YARD:	35 FT	EXISTING	71.5 FT	PROP. LOT 1	35.8 FT	PROP. LOT 2	35.0 FT	PROP. LOT 3	35.0 FT
MAX. BUILDING COVERAGE:	50%	EXISTING	10%	PROP. LOT 1	30%	PROP. LOT 2	30%	PROP. LOT 3	30%
MIN. AVG. LOT AREA/DU:	2,000 SF	EXISTING	9,590 SF	PROP. LOT 1	3,477 SF	PROP. LOT 2	2,637 SF	PROP. LOT 3	3,476 SF
MAXIMUM BUILDING HEIGHT:	3 STR/38 FT	EXISTING	< 3 STR/38 FT	PROP. LOT 1	< 3 STR/38 FT	PROP. LOT 2	< 3 STR/38 FT	PROP. LOT 3	< 3 STR/38 FT
MIN. AVG. LOT AREA/DU:	2,000 SF	EXISTING	9,590 SF	PROP. LOT 1	3,477 SF	PROP. LOT 2	2,637 SF	PROP. LOT 3	3,476 SF

### PROPERTY INFORMATION

OWNER:  
AVA'S ACRES LLC  
MATT SPANGENBERG  
7143 SAINT PETERS ROAD  
MACUNGIE, PA 18062-9164

PARCEL ID: 640519321266 1  
OLD PARCEL ID: 02 19 J09NE2A 005 004  
LOT SIZE: 9,590 SF (0.22 ACRES) PER SURVEY



### AREA MAP

### GENERAL NOTES:

- BOUNDARY AND TOPOGRAPHIC INFORMATION SHOWN HEREON IS FROM A FIELD SURVEY PERFORMED BY FORTIFIED SERVICES, LLC IN DECEMBER 2019. BOLO ENGINEERING IS NOT RESPONSIBLE FOR THE ACCURACY OF THE BOUNDARY AND TOPOGRAPHIC INFORMATION SHOWN HEREON.
- BEARINGS SHOWN HEREON ARE BASED ON THE CITY OF ALLENTOWN HORIZONTAL DATUM, ELEVATIONS SHOWN HEREON ARE REFERENCED TO THE CITY OF ALLENTOWN VERTICAL DATUM, PER SURVEY REFERENCED ABOVE.
- BENCHMARK: SANITARY MANHOLE - STATION #10.92, ELEVATION 134.11.
- ANY INFORMATION APPEARING ON THESE DRAWINGS AS TO THE UNDERGROUND UTILITY LINES HAS BEEN DEVELOPED FROM ABOVE-GROUND EXAMINATIONS OF THE SITE. THE CONTRACTOR, WITHIN THREE DAYS OF THE START OF CONSTRUCTION, SHALL BE RESPONSIBLE FOR VERIFYING THE LOCATION OF ALL UNDERGROUND UTILITIES IN ACCORDANCE WITH PA ACT NO. 287 (1-800-242-1776).
- IT IS EXPECTED THAT CONSTRUCTION WILL BEGIN IN THE SPRING OF 2020 AND BE COMPLETED WITHIN 6 MONTHS.
- THE OWNER OF ANY PROPERTY ON WHICH ANY WORK HAS BEEN DONE PURSUANT TO A PERMIT ISSUED UNDER THIS CHAPTER SHALL CONTINUOUSLY MAINTAIN AND REPAIR ALL GRADED SURFACE AND ANTI-EROSION DEVICES SUCH AS RETAINING WALLS, DRAINAGE STRUCTURES OR MEANS, PLANTS AND GROUND COVER, INSTALLED OR COMPLETED.
- CONTRACTOR TO PROVIDE STABLE MATTING OVER UTILITY LINES THAT MAY BE CROSSED BY CONSTRUCTION VEHICLES.
- ALL IMPROVEMENTS WITHIN THE PUBLIC RIGHT-OF-WAY MUST COMPLY WITH THE CITY OF ALLENTOWN STANDARDS AND SPECIFICATIONS.
- ALL CITY PERMITS MUST BE OBTAINED PRIOR TO THE START OF CONSTRUCTION.

### OWNER'S CERTIFICATION

WE, THE UNDERSIGNED BEING DULY SWORN ACCORDING TO LAW DEPOSE AND SAY THAT WE ARE THE SOLE OWNERS OF THE TRACT SHOWN HEREON IN PEACEFUL POSSESSION OF THE SAME AND THAT THERE ARE NO SUITS OR ACTIONS PENDING OR AFFECTING THE SAME.

#### NOTARIZATION

SWORN AND SUBSCRIBED BEFORE ME THIS \_\_\_\_\_ DAY OF \_\_\_\_\_, A.D. 20\_\_\_\_.

(LEGIBLE IMPRESSION OF NOTARY SEAL)

\_\_\_\_\_, NOTARY PUBLIC MY COMMISSION EXPIRES: \_\_\_\_\_

#### PLANNING APPROVAL

BY AUTHORITY VESTED IN ME BY THE CITY PLANNING COMMISSION, I HEREBY CERTIFY THAT THIS SUBDIVISION MEETS ITS REQUIREMENTS.

\_\_\_\_\_, DIRECTOR DATE: \_\_\_\_\_

APPROVED: \_\_\_\_\_ DATE: \_\_\_\_\_

\_\_\_\_\_, CITY ENGINEER

### SURVEYOR'S CERTIFICATION

I HEREBY CERTIFY THAT THIS PLAN HAS BEEN COMPILED FROM A SURVEY ACTUALLY MADE, ON THE GROUND, THAT IT IS CORRECT, AND AT THE TIME THE SURVEY WAS MADE, THERE WERE NO EASEMENTS OR ENCROACHMENTS ACROSS PROPERTY LINES, OTHER THAN THOSE SHOWN.

\_\_\_\_\_, DATE REGISTERED SURVEYOR

(SEAL)

CERTIFICATION OF LEHIGH VALLEY PLANNING COMMISSION

REVIEWED BY THE LEHIGH VALLEY PLANNING COMMISSION.

REVIEWED BY: \_\_\_\_\_ PLANNER DATE \_\_\_\_\_

### PROOF OF RECORDING

PLAN RECORDED IN THE OFFICE OF THE RECORDER OF DEEDS OF LEHIGH COUNTY, PENNSYLVANIA, IN DOCKET ID \_\_\_\_\_ ON THE \_\_\_\_\_ DAY OF \_\_\_\_\_, 20\_\_\_\_.

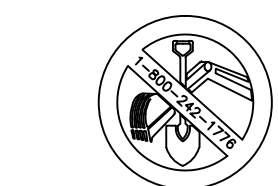
WITNESS MY HAND AND SEAL OF OFFICE THIS \_\_\_\_\_ DAY OF \_\_\_\_\_, 20\_\_\_\_.

\_\_\_\_\_, WITNESS

\_\_\_\_\_, RECORDER OF DEEDS

#### LEGEND:

- EXISTING BOUNDARY
- EXISTING ADJACENT BOUNDARY/ROW
- EXISTING CONTOUR
- EXISTING 5' CONTOUR
- EXISTING ASPHALT
- EXISTING BUILDING
- EXISTING BUILDING SETBACK
- EXISTING EASEMENT
- EXISTING WATER LINE
- EXISTING GAS LINE
- EXISTING OVERHEAD WIRES
- EXISTING SEWER LINE
- PROPOSED COMPOST FILTER SOCK
- PROPOSED CONTOUR
- PROPOSED LIMIT OF DISTURBANCE
- PROPOSED MONUMENT TO BE SET
- PROPOSED DECIDUOUS TREE



KNOW WHAT'S BELOW CALL BEFORE YOU DIG!  
PROFESSIONAL ACT SET UP BY 1975 (PA 1975)  
REGISTERED SURVEYOR - DATA MONITOR FOR CONSTRUCTION  
PHONE AND 10 WORKING DAYS IN DESIGN OFFICE  
PENNSYLVANIA ONE CALL SYSTEM, INC.  
1-800-242-1776 or 811

RC	Int.	Comment	1	05/09/20	PER CITY REVIEW LETTER	Rev.	Date
							RODERICK M. CHIRUMBULO PE-075093
							CIVIL & CONSULTING ENGINEERS 3514 COURTNEY DRIVE CENTER VALLEY, PA 18034 (610) 297-2868 rmcengineer@hotmail.com
Title: AVA'S ACRES 2232 SOUTH 11TH STREET 19th WARD - ALLENTOWN, PA 18103							Date: MARCH 5, 2020
PRELIMINARY/FINAL SITE PLAN							Sheet No. SP-1 (1 OF 2)
Plan Scale: 1"=20'							Project No. 19069

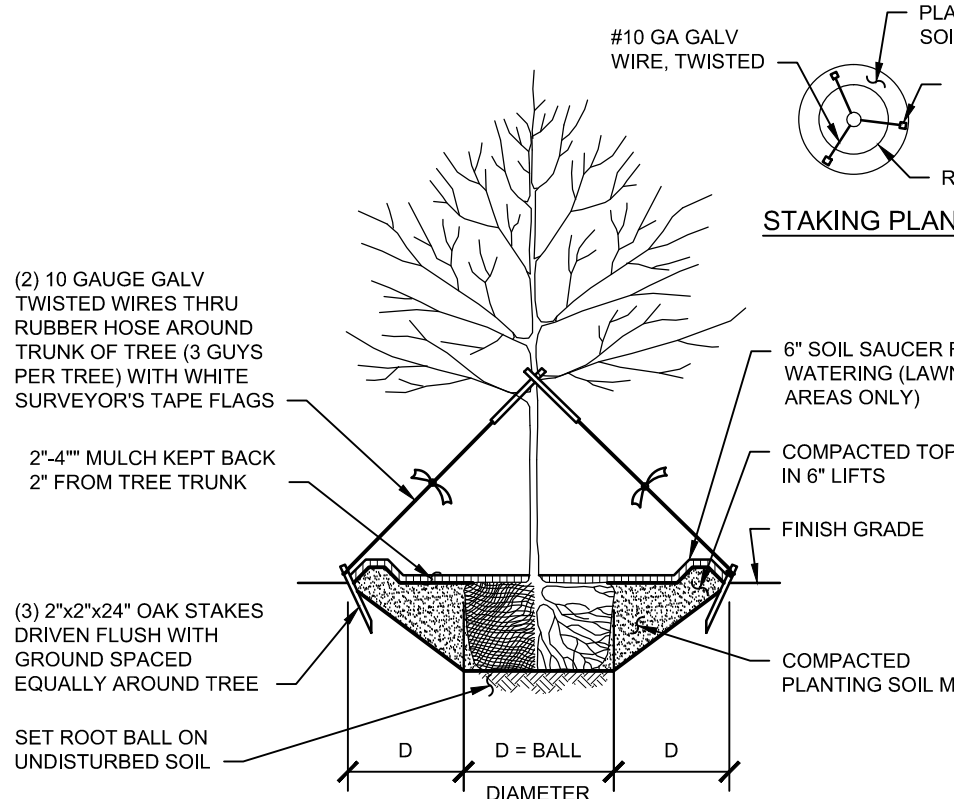


EROSION AND SEDIMENTATION CONTROL NOTES:

1. THE LANDOWNER OR CONTRACTOR SHALL PROPERLY IMPLEMENT THE EROSION AND SEDIMENT CONTROL MEASURES ON THIS PLAN.
2. UNTIL THE SITE ACHIEVES FINAL STABILIZATION, THE LANDOWNER OR CONTRACTOR SHALL INSTALL, OPERATE AND MAINTAIN THE SPECIFIED EROSION AND SEDIMENT CONTROLS. ALL REQUIRED WORK, INCLUDING CLEANING, REPAIR, REPLACEMENT, RE-GRADING AND RE-STABILIZATION SHALL BE DONE IMMEDIATELY.
3. UPON DISCOVERY OF CIRCUMSTANCES THAT COULD CAUSE ACCELERATED EROSION AND SEDIMENT POLLUTION, THE LANDOWNER OR CONTRACTOR SHALL IMMEDIATELY INSTALL ADDITIONAL APPROPRIATE CONTROL MEASURES.
4. EARTH DISTURBANCE AND CONSTRUCTION MUST PROCEED IN ACCORDANCE WITH THE CONSTRUCTION SEQUENCE. EACH STAGE IN THE SEQUENCE SHALL BE COMPLETED BEFORE ANY FOLLOWING STAGE BEGINS. CLEARING AND GRUBBING SHALL BE LIMITED TO THOSE AREAS DESCRIBED IN EACH STAGE.
5. UNCONTAMINATED SEDIMENT REMOVED FROM EROSION AND SEDIMENT CONTROL AREAS SHALL BE DISPOSED OF ON THE SITE IN LANDSCAPED AREAS AND SHALL BE STABILIZED IMMEDIATELY. SEDIMENT WILL NOT BE PLACED ON STEEP SLOPES OR IN WETLANDS, FLOODPLAINS OR DRAINAGE SWALES.
6. PUMPED WATER MUST BE DISCHARGED THROUGH A FILTER BAG OR OTHER APPROPRIATE CONTROL MEASURE, LOCATED ON AN UNDISTURBED PART OF THE SITE.
7. THE LANDOWNER SHALL REMOVE FROM THE SITE, RECYCLE OR DISPOSE OF ALL BUILDING MATERIALS AND WASTES IN ACCORDANCE WITH PENNSYLVANIA DEPARTMENT OF ENVIRONMENTAL PROTECTION SOLID WASTE MANAGEMENT REGULATIONS. THE LANDOWNER SHALL NOT ILLEGALLY BURY, DUMP OR DISCHARGE ANY BUILDING MATERIALS OR WASTES AT THE SITE.
8. IMMEDIATELY AFTER EARTH DISTURBANCE ACTIVITY CEASES, THE OWNER/RESPONSIBLE PERSON, SHALL STABILIZE ANY AREAS DISTURBED BY THE ACTIVITY. DURING DORMANT PERIODS, MULCH MUST BE APPLIED AT SPECIFIC RATES. DISTURBED AREAS THAT ARE NOT AT FINISHED GRADE AND WHICH WILL BE RE-DISTURBED WITHIN ONE YEAR MUST BE STABILIZED IN ACCORDANCE WITH TEMPORARY VEGETATIVE STABILIZATION SPECIFICATIONS.
9. DISTURBED AREAS THAT ARE AT FINISHED GRADE WHICH WILL NOT BE RE-DISTURBED WITHIN ONE YEAR MUST BE STABILIZED IN ACCORDANCE WITH PERMANENT VEGETATIVE STABILIZATION SPECIFICATIONS.
10. AN AREA SHALL BE CONSIDERED TO HAVE ACHIEVED FINAL STABILIZATION WHEN IT HAS A MINIMUM UNIFORM 70 PERCENT VEGETATIVE OR OTHER PERMANENT NON-VEGETATIVE COVER WITH A DENSITY SUFFICIENT TO RESIST ACCELERATED SURFACE EROSION AND SUBSURFACE CHARACTERISTICS SUFFICIENT TO RESIST SLIDING AND OTHER MOVEMENTS.
11. TEMPORARY SEEDING SHALL BE PERFORMED ON ALL DISTURBED SOIL AREAS IN WHICH ACTIVITIES HAVE CEASED AND WHICH WILL REMAIN EXPOSED. MINIMUM SPECIFICATIONS ARE AS FOLLOWS:
  - A. SPRING AND SUMMER SEEDING (TO AUGUST 15): 100% ANNUAL RYEGRASS (LOLIUM MULTIFLORUM, 98% PURITY, 90% GERMINATION, APPLIED AT 48 LBS/ACRE).
  - B. FALL SEEDING (AFTER AUGUST 15): WINTER RYE (TETRA PETIUS, 98% PURITY, 85% GERMINATION, APPLIED AT 168 LBS/ACRE).
12. PERMANENT SEEDING SHALL BE PERFORMED ON ALL DISTURBED SOIL AREAS THAT ARE AT FINISHED GRADE, AND ALL DISTURBED SOIL AREAS THAT WILL NOT BE DISTURBED WITHIN ONE YEAR. MINIMUM SPECIFICATIONS ARE AS FOLLOWS:
  - A. LAWN AND SWALE AREAS: 20% PERENNIAL RYEGRASS MIXTURE (LOLIUM PERENNE, A COMBINATION OF IMPROVED CERTIFIED VARIETIES WITH NO ONE VARIETY EXCEEDING 50% OF THE TOTAL, 98% PURITY, 90% GERMINATION, APPLIED AT 20 LBS/ACRE), PLUS 30% PENNLAWN RED FESCUE (98% PURITY, 85% GERMINATION, APPLIED AT 30 LBS/ACRE), PLUS 50% KENTUCKY BLUEGRASS MIXTURE (POA PRATENSIS, A MIXTURE OF IMPROVED CERTIFIED VARIETIES WITH NO ONE VARIETY EXCEEDING 25% OF THE TOTAL, 98% PURITY, 80% GERMINATION, APPLIED AT 55 LBS/ACRE).
  - B. NON-MOWED AREAS: 50% TALL FESCUE (FESTUCA ARUNDINACEA VAR. KENTUCKY 31, 98% PURITY, 85% GERMINATION, APPLIED AT 30 LBS/ACRE), PLUS 35% CROWNVEITCH (CORONILLA VARIA, 99% PURITY, 70% GERMINATION, APPLIED AT 20 LBS/ACRE), PLUS 15% BIRDSFOOT TREFOIL MIXTURE (LOTUS CORNICULATUS, A MIXTURE OF 5 VIKING AND 5 OF EITHER EMPIRE, NONKEN, OR LEO, 98% PURITY, 80% GERMINATION, APPLIED AT 10 LBS/ACRE).
  - C. BASIN BOTTOMS: ERNST CONSERVATION SEEDS RETENTION BASIN FLOOR SEEDING-LOW MAINTENANCE GRASS LIKE SPECIES MIXTURE 20% RED TOP (AGROSTIS ALBA), 20% CREEPING BENTGRASS (AGROSTIS STOLONIFERA), 20% FOX SEDGE (CAEXX NULPINOIDEA), 20% FOWL MEADOW GRASS (POA PALUSTRIS), 20% ALKALI BULRUSH (PUCCINELLIA DIASTANS) APPLIED AT 10LBS/ACRE OR APPROVED EQUIVALENT.
13. STRAW MULCH OR HAY MULCH AT THE RATE OF 3.0 TONS/ACRES SHOULD BE APPLIED IN CONJUNCTION WITH ALL TEMPORARY AND PERMANENT SEEDING ACTIVITIES. MULCH SHALL BE APPLIED IMMEDIATELY AFTER SEEDING. HYDROSEEDING MAY BE USED IN LIEU OF MULCHING.
14. IF SOD IS APPLIED, THE FOLLOWING REQUIREMENTS SHALL APPLY:
  - A. SOD SHALL BE THE SAME AS THE SEED MIX, AND SHALL BE MACHINE CUT AT A UNIFORM SOIL THICKNESS OF 3/4", PLUS OR MINUS 1/4", AT THE TIME OF CUTTING. MEASUREMENT FOR THICKNESS SHALL EXCLUDE TOP GROWTH AND HATCH. SOD SHALL BE HARVESTED, DELIVERED, AND INSTALLED WITHIN A PERIOD OF 36 HOURS.
  - B. DURING PERIODS OF EXCESSIVELY HIGH TEMPERATURE OR IN AREAS HAVING DRY SUBSOIL, THE SUBSOIL SHALL BE LIGHTLY IRRIGATED IMMEDIATELY PRIOR TO LAYING THE SOD. 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 TO PROMOTE MORE UNIFORM GROWTH AND STRENGTH. ENSURE THAT SOD IS NOT STRETCHED OR OVERLAPPED AND THAT ALL JOINTS ARE BUTTED TIGHT IN ORDER TO PREVENT VOIDS THAT WOULD CAUSE AIR-DRYING OF THE ROOTS. WHEREVER POSSIBLE, SOD SHALL BE LAID WITH THE LONG EDGES PARALLEL TO THE CONTOURS. SOD SHALL BE ROLLED AND TAMPED, PEGGED OR OTHERWISE SECURED TO PREVENT SLIPPAGE ON SLOPES AND TO ENSURE SOLID CONTACT BETWEEN SOD ROOTS AND THE UNDERLYING SOIL SURFACE. SOD SHALL BE WATERED IMMEDIATELY FOLLOWING ROLLING OR TAMPING UNTIL THE UNDERSIDE OF THE NEW SOD PAD AND SOIL SURFACE BELOW THE SOD IS THOROUGHLY WET. THE OPERATIONS OF LAYING, TAMPING AND IRRIGATING FOR ANY PIECE OF SOD SHALL BE COMPLETED WITHIN EIGHT HOURS.
  - C. IN THE ABSENCE OF ADEQUATE RAINFALL, WATERING SHALL BE PERFORMED DAILY OR AS OFTEN AS NECESSARY DURING THE FIRST WEEK AND IN SUFFICIENT QUANTITIES TO MAINTAIN MOIST SOIL TO A DEPTH OF 4". AFTER THE FIRST WEEK, SOD WATERING IS REQUIRED AS NECESSARY TO MAINTAIN ADEQUATE MOISTURE CONTENT.

SEQUENCE OF CONSTRUCTION

1. ALL EROSION AND SEDIMENTATION CONTROLS MUST BE CONSTRUCTED, STABILIZED AND FUNCTIONAL BEFORE DISTURBANCE OF SITE COMMENCES.
2. STONES, MUD, DIRT AND/OR CONSTRUCTION DEBRIS MUST BE REMOVED FROM ALL ROADWAYS AND DRIVEWAYS IMMEDIATELY UPON OBSERVATION BY THE CONTRACTOR. UNDER NO CIRCUMSTANCES WILL STONES, MUD, DEBRIS, ETC. BE ALLOWED TO REMAIN ON ROAD SURFACES OR ON ANY PERIOD OF TIME. IT IS THE CONTRACTOR'S RESPONSIBILITY TO TAKE ANY ACTIONS NECESSARY TO REMOVE ANY AND ALL OF THESE ITEMS FROM ROAD SURFACES IMMEDIATELY UPON NOTICE, OR UPON BEING DIRECTED TO DO SO, REGARDLESS OF WHETHER OR NOT CONTRACTOR BELIEVES IT IS HIS RESPONSIBILITY. FAILURE TO COMPLY WITH THIS REQUIREMENT IS A VIOLATION AND COULD RESULT IN WORK STOPPAGE, PENALTIES, VIOLATION NOTICES OR OTHER REMEDIES.
3. INSTALL SILT FENCE OR COMPOST FILTER SOCKS AS SHOWN ON THE PLAN.
4. STRIP AND STOCKPILE TOPSOIL. IMMEDIATELY STABILIZE STOCKPILE AND PROVIDE SILT FENCE.
5. CONSTRUCT DWELLINGS. IMMEDIATELY STABILIZE DISTURBED SURFACES.
6. FINISH GRADING DISTURBED AREAS AND PERMANENTLY SEED AND STABILIZE ALL EXPOSED LAWN AREAS.
7. AFTER FINAL SITE STABILIZATION IS ACHIEVED, TEMPORARY EROSION AND SEDIMENT CONTROLS MUST BE REMOVED. THE STANDARD FOR A STABILIZED, EROSION RESISTANT PERENNIAL VEGETATIVE COVER WILL BE A UNIFORM COVERAGE OR DENSITY OF 70% ACROSS THE DISTURBED AREA. AREAS DISTURBED DURING REMOVAL OF THE CONTROL.
8. ALL DISTURBED AREAS MUST BE SEED, SODDED, AND/OR PLANTED OR OTHERWISE PROTECTED FROM EROSION WITHIN SIXTY (60) DAYS OF GROUND BREAKING AND SHALL BE WATERED, TENDERED, AND MAINTAINED UNTIL GROWTH IS WELL ESTABLISHED.

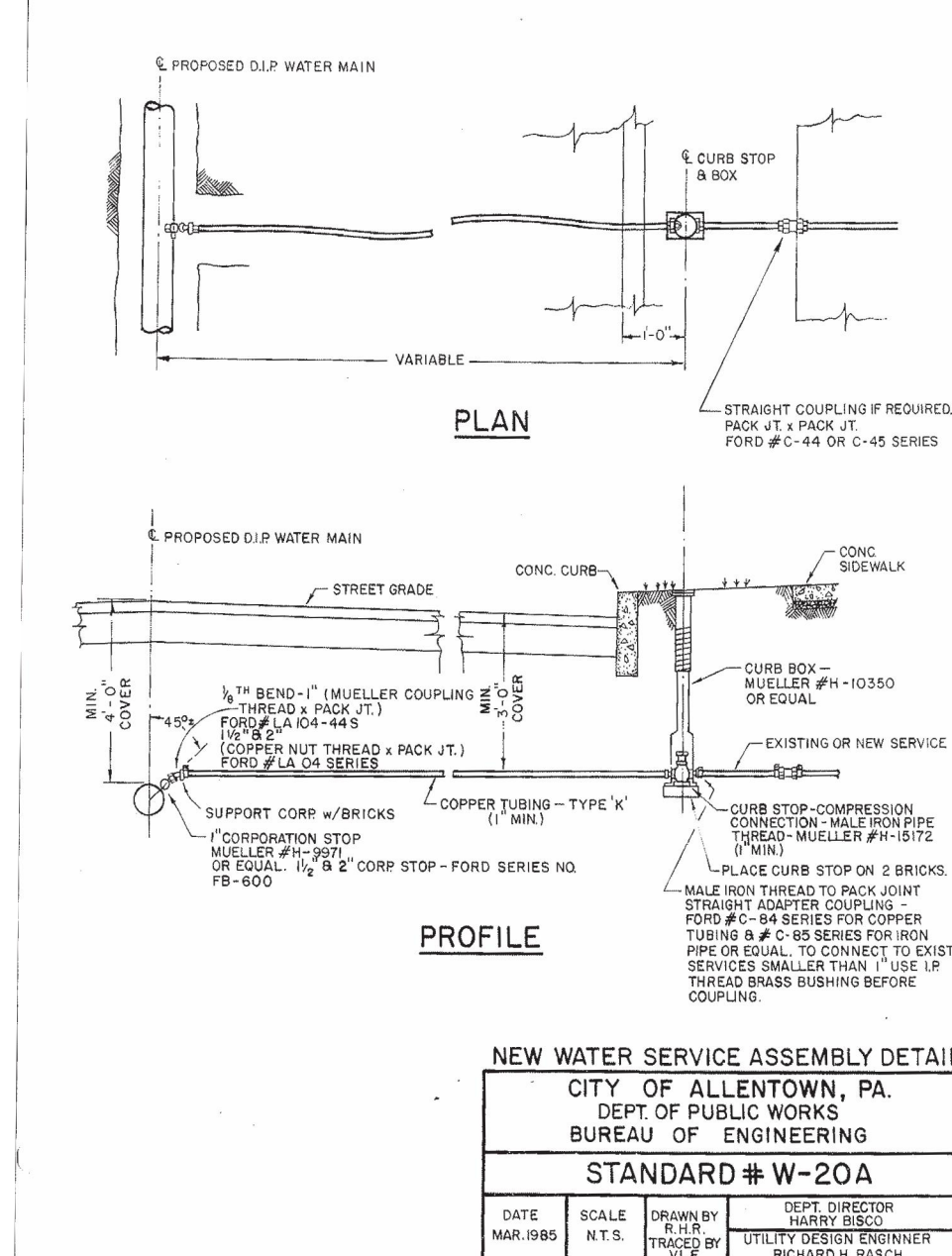
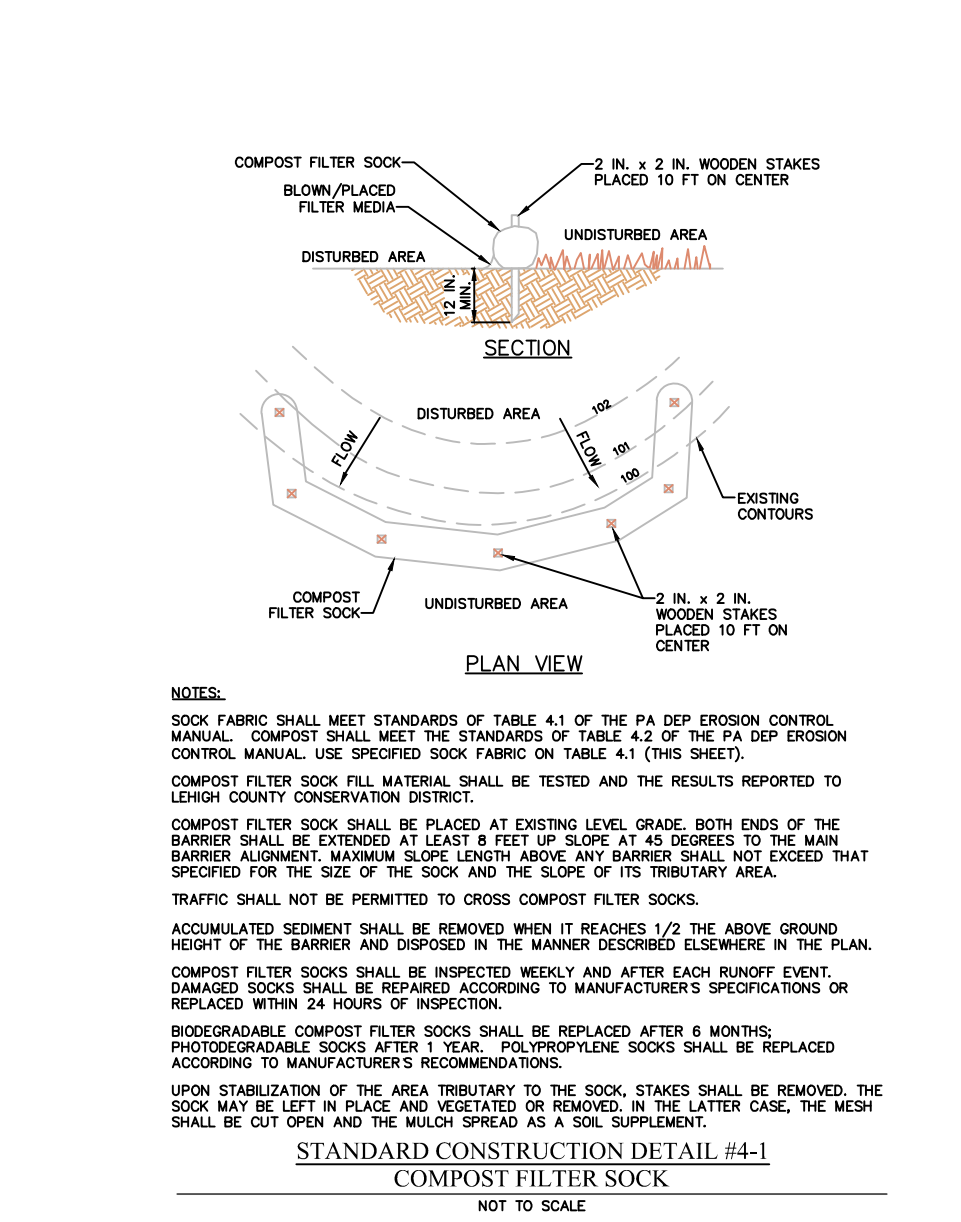
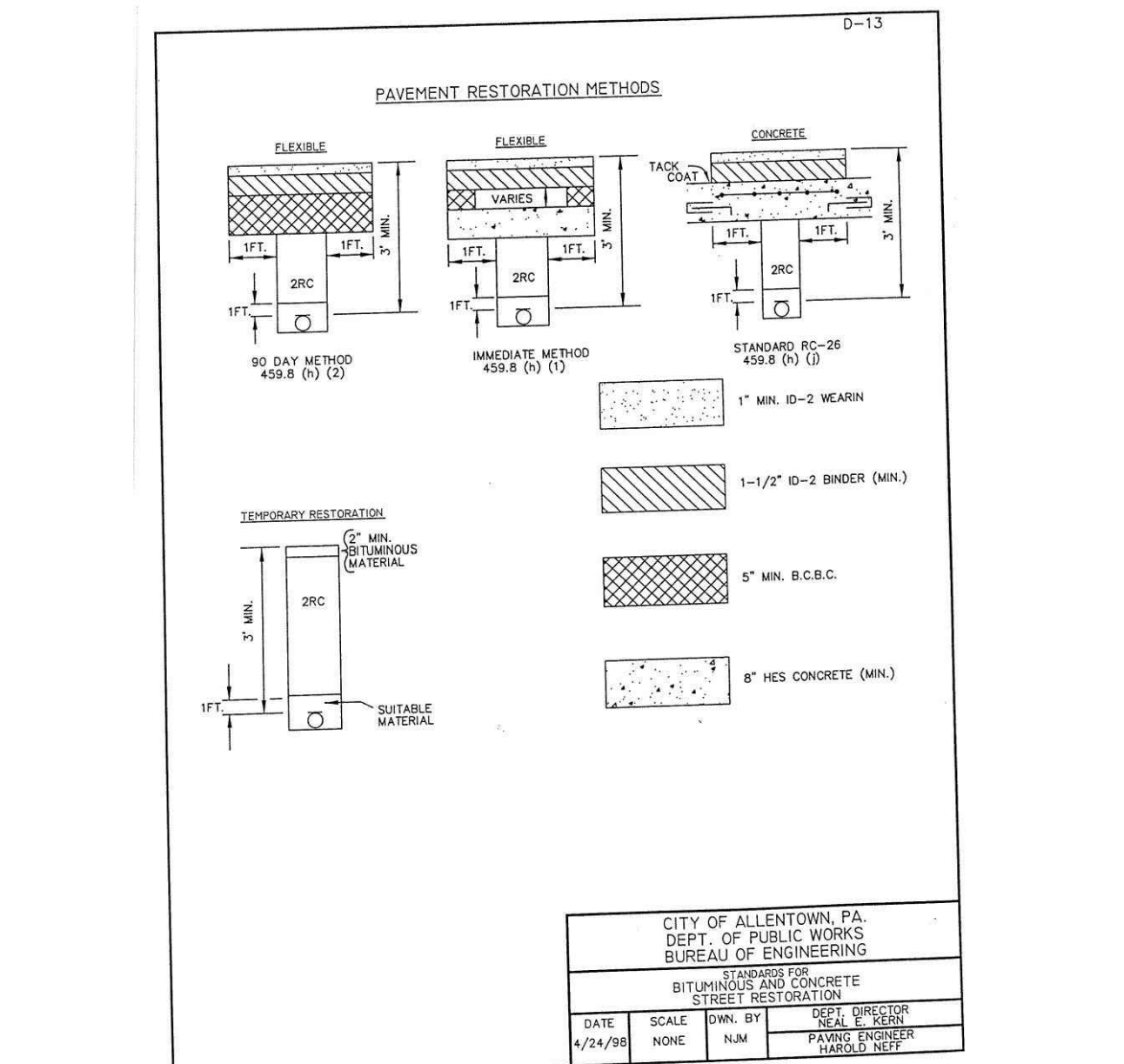
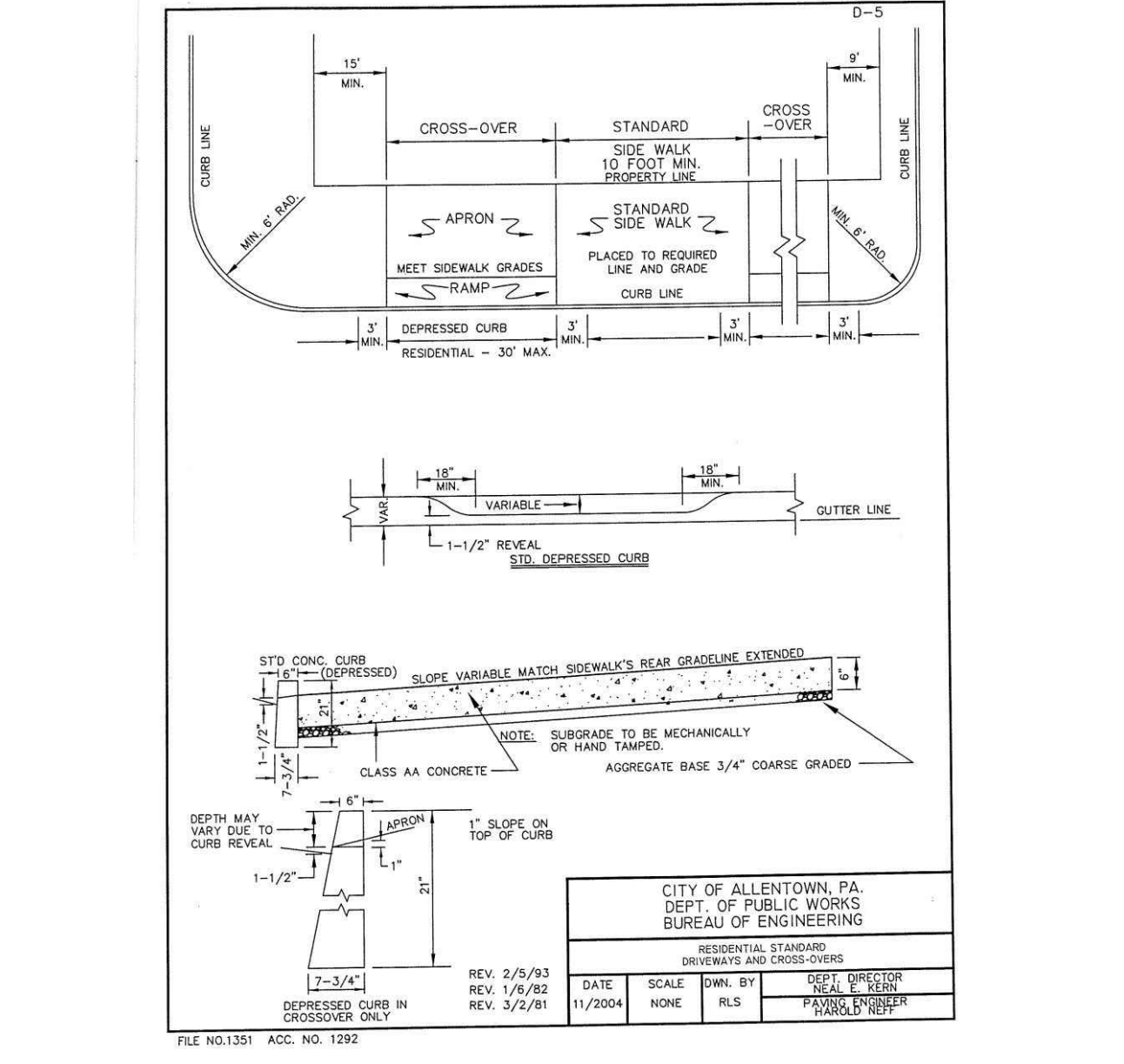
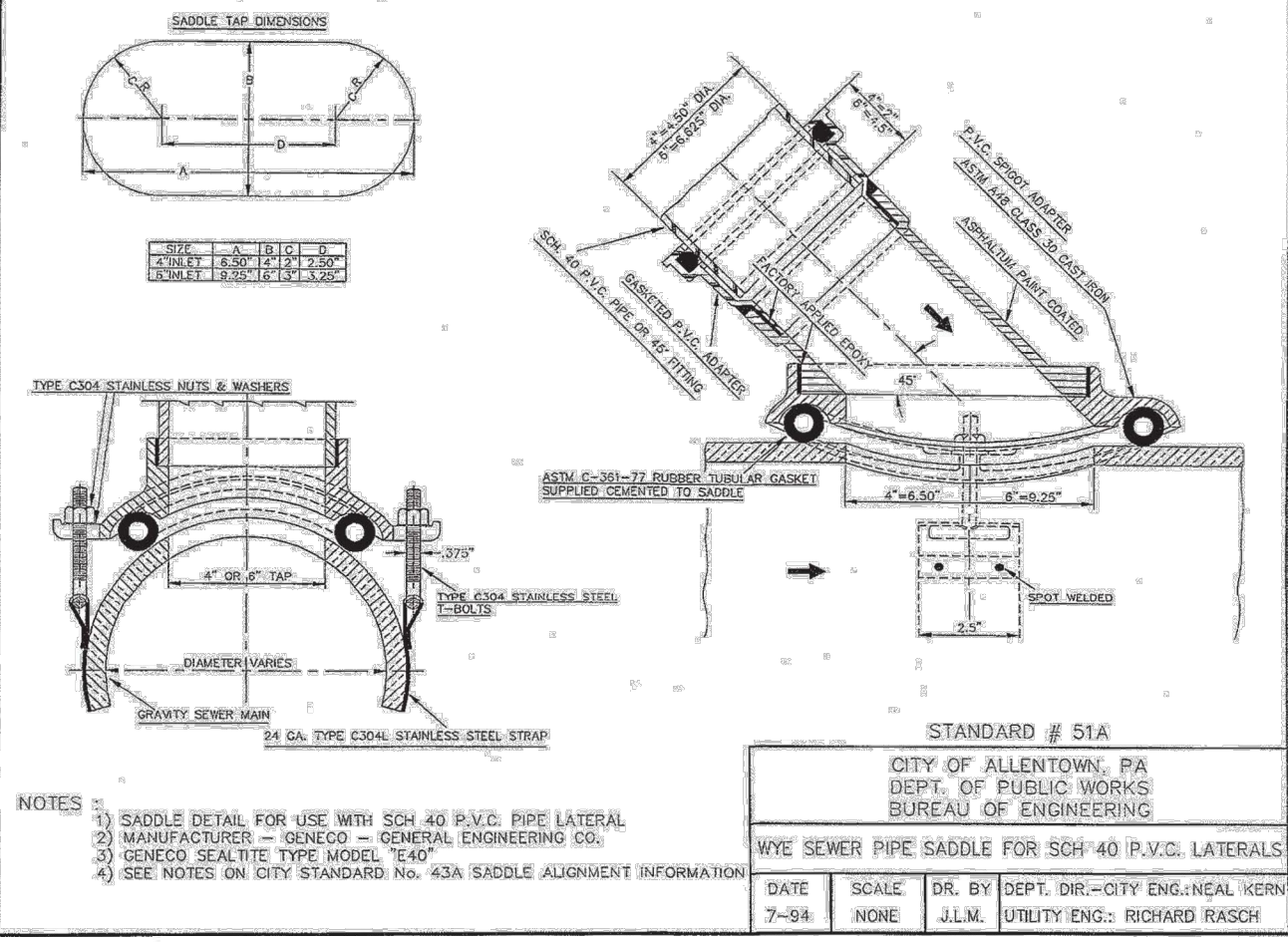
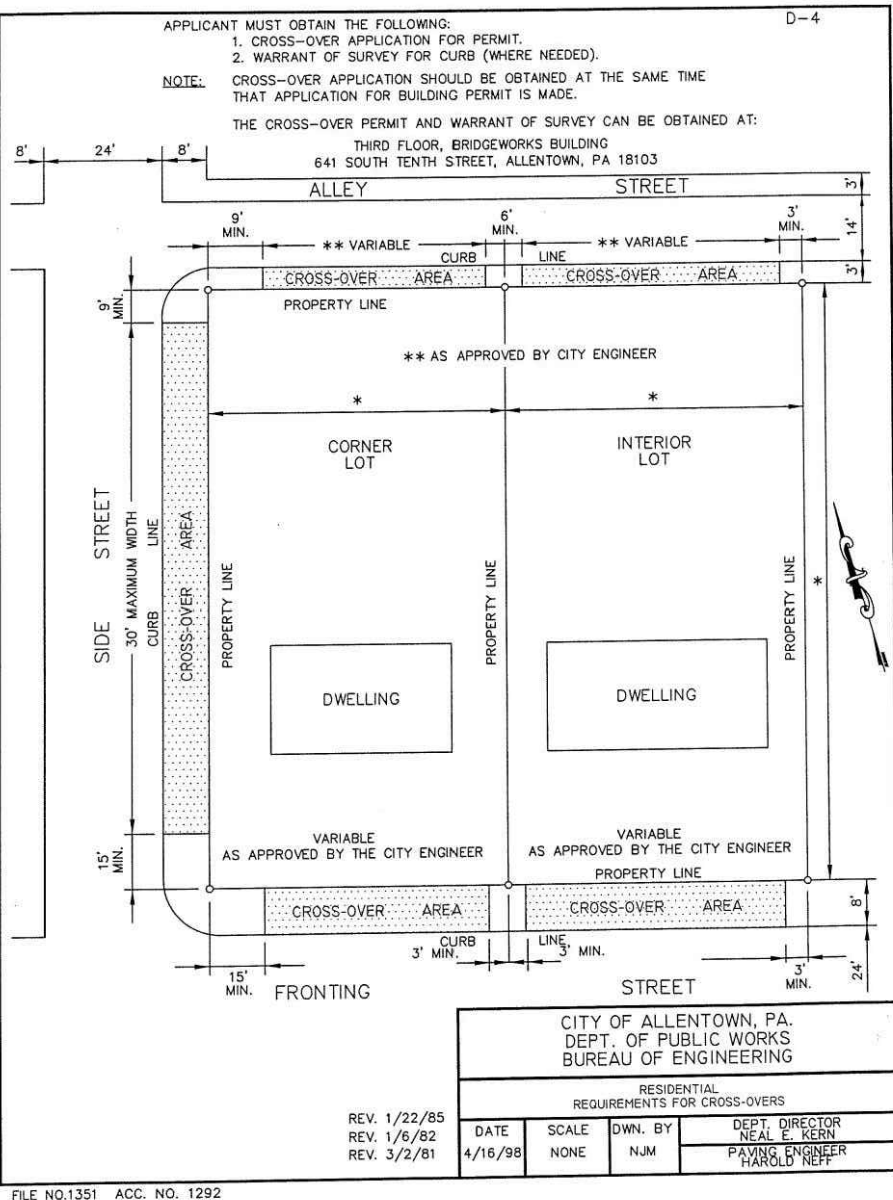
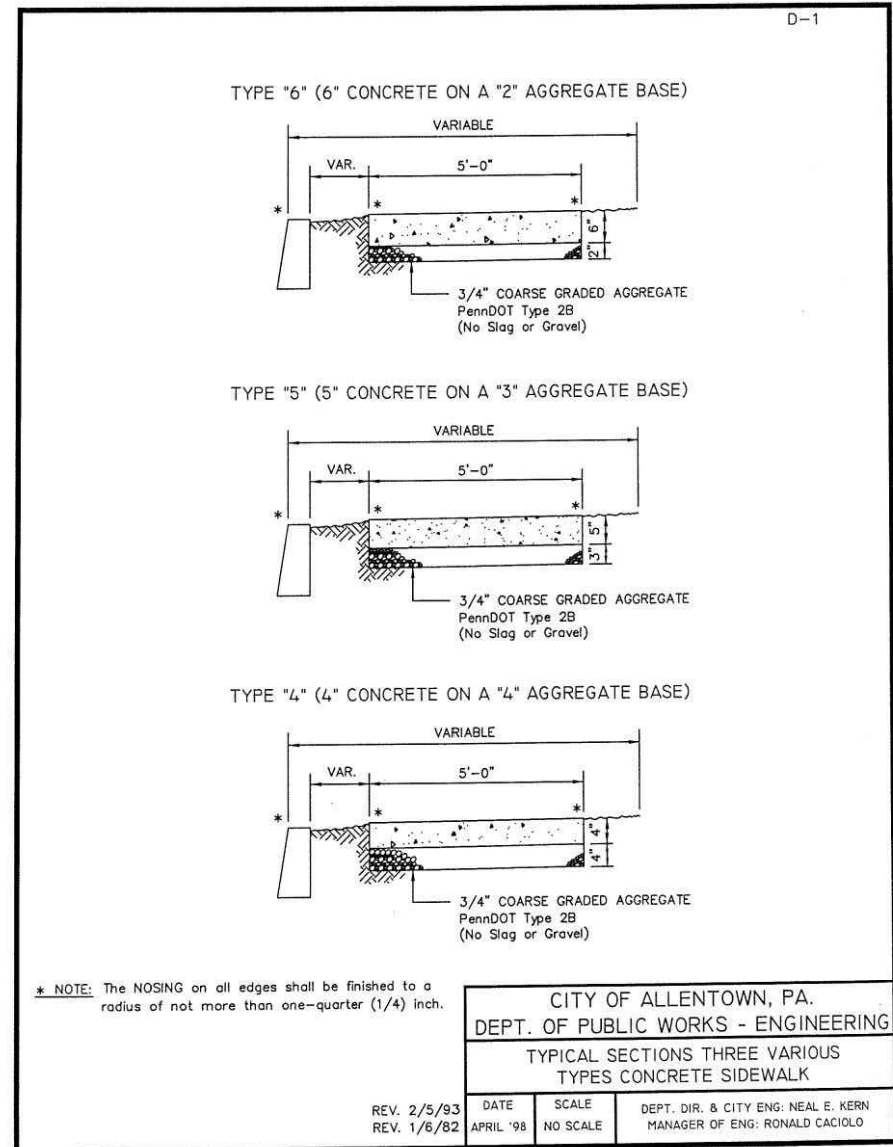
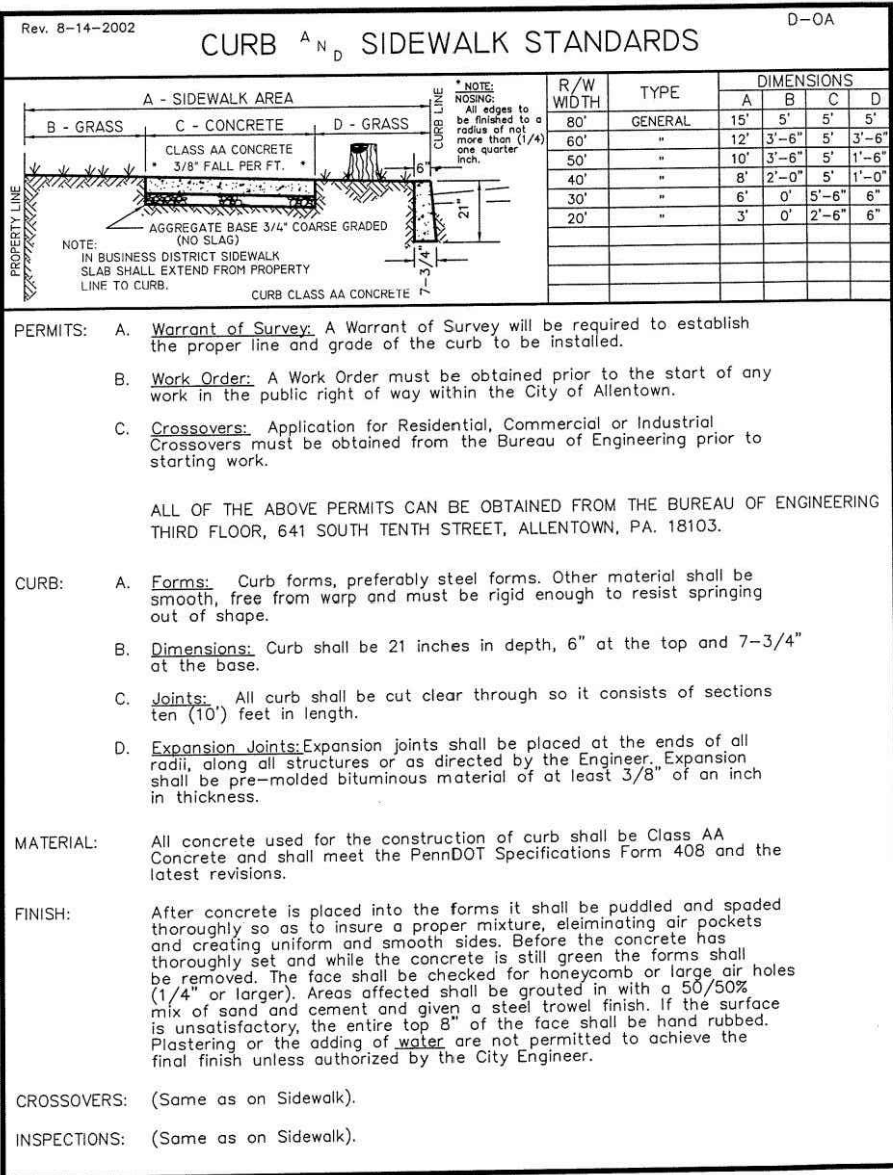


DECIDUOUS/ORNAMENTAL TREE PLANTING

NOT TO SCALE

NOTES

1. DO NOT PRUNE TREES EXCEPT FOR BROKEN BRANCHES.
2. APPLY PRE-EMERGENT HERBICIDE SUCH AS "PREEM" BENEATH MULCH AREA ONLY.
3. DO NOT WRAP TRUNK OF TREE.
4. REMOVE NON-ROTTING ROPE AND BURLAP FROM AROUND TRUNK.
5. ROOT FLARE (ROOT COLLAR) SHALL BE 3 INCHES ABOVE SURROUNDING GRADE AFTER INSTALLATION.
6. FOLD BURLAP AWAY FROM TOP OF ROOT BALL. REMOVE ALL PLASTIC, TWINE OR SYNTHETIC FILM FROM ROOT BALL.



COMMONWEALTH OF PENNSYLVANIA

REGISTERED PROFESSIONAL

RODERICK M. CHIRUMBULO

ENGINEER

NO. PE-075093

BOLO

ENGINEERING, LLC

CIVIL & CONSULTING ENGINEERS

3514 COURTNEY DRIVE

CENTER VALLEY, PA 18034

(610) 297-2868

rmccengineer@hotmail.com

Title:

AVA'S ACRES

2332 SOUTH 11TH STREET

19th WARD - ALLENTOWN, PA 18103

DETAIL SHEET

Date:

MARCH 5, 2020

Rev.

1

05/09/20

PER CITY REVIEW LETTER

Date:

05/09/20

Rev.

1

05/09/20

PER CITY REVIEW LETTER

Date:

05/09/20

Scale:

1"=20'

Project No.

19069

Sheet No.

DET-1 (2 OF 2)

Rev.	Date	Per City Review Letter	Comment
1	05/09/20	PER CITY REVIEW LETTER	