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NGS BENCHMARKS

DUPAGE COUNTY BENCHMARE: DGN07004 · BRONZE DISK IN CONCRETE BASE OF TRAFFIC CONTROL BOX AT THE NORHTWEST CORNER. OF MAPLE AVENUE AND SITH STREET. ELEVATION_79357 NGVD29

EGAL DESCRIPTION

BEING A PART OF NORTHEAST QUARTER AND SOUTHEAST QUARTER OF SECTION 28, TOWNSHIP 38 NORTH, RANGE 11 EAST OF THE THIRD FRINCIPAL MERIDIAN, IN DUPAGE COUNTY, ILLINOIS

even the Engineer and the Owner. Any use of these plans, including ations, to construct and/or repair additional items not described in these violation of the Engineer's copyright of these plans and is prohibited. of the Un led States and foreign co



I, DAVID M. RIENDEAU, A REGISTERED PROFESS STATE OF ILLINOIS, HAVE REVIEWED THE AS-E BY V3 COMPANIES AND THE APPROVED SITE II ATWOOD SUBDIVISION BY C.M. LAVOIE AND HE FINAL DEVELOPMENT OF THE SITE IS IN SUBST WITH THE APPROVED ENGINEERING PLANS.

03-06-13 05-03-13 FIELD WORK COMPLETED DRAFTING COMPLETED (REVISIONS PER ADDITIONAL FIELD WORK



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Consulting Civil Engineering Land Planning & Surveying 1050 State Route 126 Plainfield, Illinois 60544 voice e 815-254-0505 815-436-5158



PLANS PREPARED BY:

GREENSCAPE HOMES, LLC 4355 WEAVER PARKWAY, SUITE 120 WARRENVILLE, ILLINOIS 80555

PREPARED FOR:

PLANS

SITE LOCATION

NC NC N

FORMATION

RECORD DRAWING ADDITIONAL 1. RECORD GRADING MAP 2. ADDITIONAL AS-BUILT IN

SHEETS

67TH COURT

LEGEND

RECORD DRAWINGS

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CURRENT REVISION DATE: ATAP 1 63 2012

THE AND ASSOCIATES, INC. UNDER MY PERSONAL DIRECTION. ABA

OFESSIONAL ENGINEER IN THE AS-BUILT DRAWINGS PREPARED ITE IMPROVEMENT PLANS FOR D HEREBY CERTIFY THAT THAT SUBSTANTIAL CONFORMANCE

ED 12-14-2012 (J.DEETS) 01-09-2013 (J.DEETS)

V3 COMPANIES OF ILLINOIS, LTD. 3 Janes Avenue 5 Janes Avenue 1 dridge, IL 60517 724.9200 phone 724.9202 fax 7.v3co.com

FLINOIS PROFESSIONAL ENGINEER NO. 0062-058133

11-157

GENERAL NOTES 1. PRIOR TO COMMENCEMENT OF CONSTRUCTION, THE CONTRACTOR SHALL VERIFY ALL DIMENSIONS, AND CONTRACTOR MUST VERIFY THE UNE AND CRADES. IF THERE ARE ANY DISOREPANCIES FROM WHAT IS SHOWN ON THE CONSTRUCTION PLANS, STANDARD SPECIFICATIONS AND/OR SPECIAL DETAILS. THE CONTRACTOR SHALL SECURE WITTEN INSTRUCTION FROM THE ENGINEER PRIOR TO PROCEEDING WITH ANY PART OF THE WXRK AFFECTED BY OMISSION OR DISCREPANCIES. FAILING TO SECURE SUCH INSTRUCTION. THE CONTRACTOR WILL BE CONSIDERED TO HAVE PROCEEDED AT HIS OWN RISK AND LXPENSE. IN THE EVENT OF ANY DOUBT OR QUESTION ARISING WITH RESPECT TO THE TRUE MEANING OF THE CONSTRUCTION PLANS OR SPECIFICATIONS. THE DECISION OF THE ENGINEER SHALL BE FINAL AND CONCLUSIVE. 4, IT IS THE CONTRACTOR'S RESPONSIBILITY THAT UNDERGROUND CONSTRUCTION SHALL COMPLY "MTH "THE STANDARD SPECIFICATIONS FOR WATER AND SEVER MAIN CONSTRUCTION IN ILLINOIS", ADDITED JULY 2009 OR LATEST REVISION. 2. THE STANDARD SPECIFICATIONS, CONSTRUCTION PLANS, AND SUBSEQUENT DETAILS ARE ALL TO BE CONSIDERED AS PART OF THE CONTRACT. INCIDENTAL HEMS OR ACCESSORIES NECESSARY TO COMPLETE THIS WORK MAY NOT BE SPECIFICALLY NOTED BUT ARE TO BE CONSIDERED PART OF THE CONTRACT. 8. THE CONTRACTOR IS RESPONSIBLE FOR RETURNING ALL AREAS AFFECTED BY EQUIPMENT OR LABORERS TO EXISTING CONDITIONS. CONTRACTOR IS ALSO RESPONSIBLE FOR PROTECTING ALL NEW WORK UNTIL COMPLETION OR THIS CONTRACT. 7. WHEN A CONFLICT BETWEEN PLANS AND SPECIFICATIONS OF NOTES OCCURS, THE ENGINEER SHALL DECIDE WHICH GOVERNS. GENERALLY, THE MORE RESTRICTVE, MORE SPECIFIC OR STRICTER PROVISION SHALL GOVERN. B. THE CONTRACTOR SHALL INTERMILET THE OWNER, THE ENGINEER, THE VILLAGE \ CITY AND THEIR AGENTS TROW ALL LIABILITY INVOLVED IN THE CONSTRUCTION, INSTALLATION AND TESTING OF THE WORK ON THIS PROJECT. 11. THE CONTRACTOR IS RESPONSIBLE FOR THE TRAFFIC CONTROL AND PROTECTION OF ALL WORK CONDUCTED WITHIN PUBLIC RIGHT-OF-WAYS, TRAFFIC CONTROL AND PROTECTION SHALL BE IN ACCORDANCE WITH THE APPLICABLE ARTICLES OF SECTION 100 AND 700 OF THE "STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION" ADDITED JANUARY 1, 2012, AND THE LATEST EDITION OF THE "ILLINOIS MANUAL, ON UNIFORM TRAFFIC CONTROL DEVICES FOR STREETS AND HIGHWAYS" 5. ALL EXCAVATION WORK SHALL COMPLY WITH THE ILLINOIS DEPARTMENT OF TRANSPORTATION "SPECIFICATIO OR ROAD AND BRIDGE CONSTRUCTION.", ADOPTED JANUARY 1, 2012 OR LATEST REVISION. The 15. ALL CONSTRUCTION WILL BE INSPECTED BY THE VILLAGE/CITY ENGINEER OR HIS REPRESENTATIVE. SPLCHCALLY ALL TRENCHES AND SEWLRS SHALL BE LEFT OPEN BUT SAFLEY BARRICADED UNTIL INSPECTED AND APPROVED BY THE VILLAGE/CITY ENGINEER. PAVEMENT SUBDASE, BASE, AND SURFACE MUST EACH BE INSPECTED BY THE ENGINEER PRIOR TO THE NEXT PHASE OF WORK. PROOF ROLLING AND NUCLEAR DENSITY TESTING WILL BE UTILIZED. 13. THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE INSTALLATION AND MAINTENANCE OF ADECUATE SIGNS, TRAFFIC CONTROL DEVICES, AND WARNING DEVICES TO INFORM AND PROTECT THE PUBLIC DURING ALL PHASES OF CONSTRUCTION. ALL SAFETY REQUIREMENTS PROVIDED BY THE VILLAGE/CITY AND/OR OSHA SHALL BE ADHERED TO BY THE CONTRACTOR DURING CONSTRUCTION OPERATIONS. 18. ALL SHRUPS, TOPSOIL, OR EXCAVATION WATERIAL AND ANY OTHER UNSUITABLE MATERIAL SHALL BE REMOVED AND DISPOSED OF AT AN OFT-SITE LOCATION. AREAS WHICH ARE TO BE FILLED SHALL BE COMPACTED TO A MAXIMUM DENSITY OF 95% AS DETERMINED BY THE MODIFIED AASHTO COMPACTION TEST, T-180-74, (ASTM-D-1557) IN PAVED AREAS. THE OWNER'S SOLLS ENGINEER SHALL EVALUATE AND APPR THE EXCAVATION, FILL PLACEMENT, AND COMPACTION PRIOR TO PAVEMENT CONSTRUCTION. THE CONTRACTO SHALL GIVE THE GOVERNING AUTHORITIES HAVING JURISDICTION OVER THE WORK FORTY-EIGHT (48) HOURS INFITIES BEFORE WORK COMMENCES. 24. THE CONTRACTOR IS RESPONSIBLE FOR THE OBTAINING OF ANY NECESSARY PERMI APPLIFUE FOR BY THE OWNER AND POSTING OF THE NECESSARY BONDS. 23. THE CONTRACTOR IS RESPONSIBLE FOR EXAMINATION OF THE ENGINEERING PLANS AND SPECIFICATIONS AND THE EXISTING SITE CONDITIONS PRIOR TO SUBMITTING A BID, AND NOTIFYING THE ENGINEER AT ONCE OF ANY DISCREPANCIES. 22. ALL HANDICAP PROVISIONS SHALL BE IN ACCORDANCE WITH THE "AMERICAN DISABILITIES ACT" (ADA) DATED SEPTEMBER 15, 2010 OR LATEST REVISION. 10. THE CONTRACTOR IS TO VERTEY ALL VELVATIONS PRIOR TO THE START OF WORK AND, IF THERE ARE ANY SCREPANCIES, IS TO NOTIFY THE DESIGN ENGINEER AT CRICE. NO WORK SHALL BE DONE UNTIL THE SCREPANCIES ARE RESOLVED. 9. THE CONTRACTOR SHALL BE RESPONSIBLE FOR CLEANING ANY ROAD OR MATERIAL THAT IS FROM THE OUECT. THE CONTRACTOR SHALL CLEAN THE STREETS ON A DALLY BASIS. THIS WILL BE DONE AT THE CLOSE EACH DAY OF WORK OR MORE FREQUENTLY AS MAY BE REQUIRED DUE TO FIELD CONDITIONS. 29. THE CONTRACTOR IS RESPONSIBLE FOR THE TESTING OF MATERIALS, IF REQUIRED THE JURISDICTIONAL AGENCIES. 28. THE CONTRACTOR IS RESPONSIBLE FOR THE RESTORATION TO THE ORIGINAL COMPTION OR RETTER OF ANY OFF STE AREAS THAT ARE DAMAGED BY THE CONTRACTOR DURING CONSTRUCTION. . THE CONTRACTORS FOR ALL CONTRACTS SHALL NOTIFY JULIE, THE SANITARY DISTRICT, AND ANY LICABLE ENGINEERING OR BUILDING DEPARTMENTS TWO (2) WORKING DAYS MINIMUM PRIOR TO START OF X. AS REQUIRED, THE UTILITY COMPANIES WILL ESTABLISH ON THE GROUND, THE LOCATION OF ERGROUND PIPES, CONDUITS OR CABLES ADJOINING OR CROSSING PROPOSED CONSTRUCTION. Copyright, 2012 C. M. Lavoie & Associates, Inc. Copyright, 2012 C. M. Lavoie & Associates, Inc. d are to be used only for the construction and/or repair of the Site improvements as defin the contract between the Engineer and the Owner. Any use of these plans, including tails and specifications, to construct and/or repair additional items not described in these tails and specifications, to construct and/or repair additional items not described in these 21. THE CONTRACTOR SHALL PROVIDE EROSION AND SEDMENTATION CONTROL AT AREAS DESIGNATED ON THE TE PLAN. ADDITIONAL MEASURES SHALL BE PROVIDED AS DEEMED NECESSARY BY THE VILLAGE , CITY OR THE SIGN ENGINEER AT CONTRACTOR'S EXPENSE. 20. EXISTING UTILITIES, TREES, STREETS, AND PRIVATE PROPERTY SHALL BE PROTECTED DURING CONSTRUCTION / THE CONTRACTOR. ANY DAMAGES SHALL BE REPAIRED AT THE CONTRACTOR'S EXPENSE. 19. ANY WATER AND WASTEWATER UTWITES AFFECTED BY CONSTRUCTION, INCLUDING GRADES, MUST BE YOUGHT TO CURRENT VILLAGE OR CITY STANDARDS AT THE CONTRACTOR'S EXPENSE. 30, THE CONTRACTOR IS RESPONSIBLE FOR THE GUARANTEE OF ALL MATERIALS AND WORKMANSHIP FOR ERIOD OF ONE (1) YEAR UPON FINAL ACCEPTANCE BY THE OWNER AND THE JURISDICTIONAL ACENCIES. IROUGHOUT . IE REMOVAL AVENENTS CL AVENENTS CL AFETY MEASU 5. THE LOCATION OF EXISTING UNDERGROUND UTILITIES ARE SHOWN IN AN APPROXIMATE WAY ONLY AND HAV "BEEN INDEPENDENTLY VERIFIED BY THE OWNER OF HIS REPRESENTATIVE. THE CONTRACTOR SHALL ERMINE THE EXACT LOCATION OF ALL EXISTING LITHUTES REFORE COMMENCING WORK, AND AGREES TO BE LY RESPONSIBLE FOR ANY AND ALL DAMAGES WHICH MIGHT BY OCCASIONED BY THE CONTRACTOR'S FAILURE EXACTLY LOCATE AND PRESERVE ANY AND ALL UNDERGROUND UTILITIES. 25. THE CONTRACTOR IS RESPONSIBLE FOR THE NOTIFICATION OF THE START OF CONSTRUCTION TO ALL USDICTIONAL AGENCIES, UTILITY COMPANIES, AND THE ENGINEER, AT LEAST TWO (2) WORKING DAYS PROR TO D START. ALL EXISTING UTILITIES MITST HE STARED PRIOR TO CONSTRUCTION. VILLAGE OR CITY ENGINEERING ISTORY SHALL BE NOTIFIED 48 HRS. IN ADVANCE. WHENEVER, DURING CONSTRUCTION OPERATIONS, ANY LOOSE MATERIAL IS DEPOSITED IN THE FLOW LINE OF DRS, DRAINAGE STRUCTURES, DITCHES, ETC. SUCH THAT THE NATURAL FLOW LINE OF WATER IS OBSTRUCTED ODSE MATERIAL WILL BE REMOVED AT THE CLOSE OF EACH WORKING DAY. AT THE CONCLUSION OF TRUCTION OPERATIONS, ALL DRAINAGE STRUCTURES AND FLOW LINES SHALL BE FREE FROM DIRT AND S. THIS WORK SHALL BE CONSIDERED INCIDENTAL TO THE CONTRACT. 3. THE CONTRACTOR IS RESPONSIBLE FOR CALLING ATTENTION TO THE OWNER OF ANY EIRRORS OR REPANCIES WHICH MAY BE SUSPECTED IN LINES AND GRADES WHICH ARE ESTABLISHED BY THE OWNER. TRACTOR SHALL NOT FROCEED WITH THE WORK UNTIL THE LINES AND GRADES, WHICH ARE BELLEVED TO RIGHT, HAVE BELL NOT FROCEED OR CORRECTED BY THE OWNER. ADDITIONAL STAKING THAT MAY BE REQUIR TO THE CONTRACTOR NECLICENCE, SHALL BE FAID FOR BY THE CONTRACTOR. THE CONTRACTOR IS TO VERIFY ALL FIELD CONDITIONS, PROPOSED IMPROVEMENTS, AND ELEVATIONS PRIOR THE START OF WORK AND, IF THERE ARE ANY DISCREPANCIES, IS TO NOTIFY THE DESIGN ENGINEER AT ONCE DRK SHALL BE DONE UNTIL THE DISCREPANCIES ARE RESOLVED. DURING WRING CONSTRUCTION OPERATIONS THE CONTRACTOR SHALL INSURE POSITIVE SITE DRAINAGE AT THE SION OF EACH DAY. SITE DRAINAGE MAY BE ACHIEVED BY DITCHING, PUMPING, OR ANY OTHER METHOD ASLE TO THE ENGINEER. THE CONTRACTOR'S FAILURE TO PROVIDE THE ABOVE WILL PRECLUDE ANY E AUDED COMPLEXATION REQUESTED DUE TO DELIVIS OR UNSUITABLE MATERIALS CREATED AS A RESULT CONTRACTOR SHALL PROMOE AND MAINTAIN A SAFE AND HEALTHFUL WORKING CONDITION T THE PROSECUTION OF THE CONSTRUCTION WORK. THIS SHALL INCLUDE, BUT NOT BE LIMITED TO: U. OF DEBRIS, THE PROTECTING OF CONSTRUCTION BARRICADES, AND THE KEEPING OF PUBLIC STREET CLEAN OF CONSTRUCTION DIRT AND REBRIS, SECURING OPEN EXCAVATIONS, AND FOLLOWING ALL SURES REQUIRED BY THE GOVERNING AUTHORITIES. in BY THE OWNER AND/OR MPACTION TEST, LUATE AND APPROVE THE CONTRACTOR HT (48) HOURS NOT PREVIOUSLY as defined THE P a) HAULER NAME, SHE WARDEN, AND ALLER NAME, SHE WARDEN, AND ALLER NAME, SHE WARDEN, AND ALLER RECEIVED.
b) WEIGHT IN TONS OR VOLUME IN CUBIC YARDEN; AND ALL SOFT.
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c) DATE RECEIVED.
c) CONTRACTOR IS RESPONSIBLE TO OBTAIN FOR ALL SOFT.
c) CERTIFICATION FROM THE OWNER OR OPERATOR OF THE SITE OF ORIGIN THAT THE SITE HAS NEVER BEEN USED FOR COMMERCIAL OR INDUSTRIAL PURPOSES AND IS PRESUMED TO BE UNCONTAMINATED SOFT. OR
b) CERTIFICATION FROM A LICENSED PROFESSIONAL ENGINEER THAT THE SOFT IN CONTRACTOR IS RESPONSIBLE TO CONFIRM THAT THE CODD OR UNCONTAMINATED.
c) CONTRACTOR IS RESPONSIBLE TO CONFIRM THAT THE CODD OR UNCONTAMINATED.
c) CONTRACTOR IS RESPONSIBLE TO MSUALLY MISPECT AND SCREEN EACH LOAD OF SOFT WAS NOT REMOVED FROM A SITE AS PART OF A CLEAN-UP OR REMOVAL.
c) CONTRACTOR IS RESPONSIBLE TO MSUALLY MISPECT AND SCREEN EACH LOAD OF SOFT ANOTHER DEVICE APPROVED BY THE ILLINO'S ENVIRONMENTAL PROTECTION AGENCY, BUREAU OF LAND, THAT DETECTS VOLATILE ORGANIC COMPOUNDS (ALREADY REQUIRED OF PERMITTED CODD FILL OPERATIONS);
AN CONTRACTOR IS RESPONSIBLE TO DOCUMENT ALL CHEMICAL ANALYSIS ACTIVITIES AND THE CONTRACTOR IS RESPONSIBLE TO DOCUMENT ALL CHEMICAL ANALYSIS ACTIVITIES AND THE CONTRACTOR IS RESPONSIBLE TO DOCUMENT ALL CHEMICAL ANALYSIS ACTIVITIES AND THE CONTRACTOR IS RESPONSIBLE TO DOCUMENT ALL CHEMICAL ANALYSIS ACTIVITIES AND THE CONTRACTOR IS RESPONSIBLE TO DOCUMENT ALL CHEMICAL ANALYSIS ACTIVITIES AND THE CONTRACTOR IS RESPONSIBLE TO DOCUMENT ALL CHEMICAL ANALYSIS ACTIVITIES AND THE CONTRACTOR IS RESPONSIBLE TO DOCUMENT ALL CHEMICAL ANALYSIS ACTIVITIES AND THE OWNER AND THE AND THE OWNER AND THE ADD THE OWNER AND THE OWNER AND THE OWNER AND THE ADD THE OWNER AND THE OWNER AND THE OWNER AND THE OWNER AND 31. ALL LANDSCAPE, SOD AND SEEDING AREAS SHALL RECEIVE A MINIMUM (CHIEVE THE FINAL GRADES SHOWN ON THE FINAL ENGINEERING PLANS. 34. CONDUIT TO HE PROVIDED UNDER PAYMENT FOR ALL SERVICE UTILITIES SUCH AS, BUT NOT LIMITED T ANS, ELECTRIC, TELEPHONE, AND CABLE AS DEEMED NECESSARY BY THE OWNER. ALL CONDUIT SHALL MEET JTRUTY COMPANY SPECIFICATIONS. CONDUIT SHOWN HERECON IS APPROXIMATE IN SIZE AND LOCATION. ALL SPECIFICATIONS SHALL BE CONFIRMED WITH THE UTILITY COMPANY PRIOR TO INSTALLATION., TELEPHONE, AND SABLE AS DEEMED NECESSARY BY THE OWNER. ALL CONDUIT SHALL MEET UTILITY COMPANY SPECIFICATIONS, AND CONDUIT SHOWN HERECON IS APPROXIMATE IN SIZE AND LOCATION. ALL SPECIFICATIONS SHALL BE CONFIRMED WITH THE UTILITY COMPANY PRIOR TO INSTALLATION. 2. EXCESS MATERIALS IF NOT UTILIZED AS FILL OR IF NOT STOCKPILED FOR FUTURE LANDSCAPING, SHALL BE COMPLETELY REMOVED FROM THE CONSTRUCTION SHE AND DISPOSED OF BY THE CONTRACTOR UNLESS NOTED OTHERWISE. EARTHWORK CONTRACTOR IS RESPONSIBLE FOR CHATWARK CONTRACTOR IS RESPONSIBLE FOR THE PROPER DISPOSAL OF THE CONTAMINATED SOL. 2. PLACEMENT OF THE EARTH AND OTHER SUITABLE MATERIALS SHALL BE WITHIN THOSE AREAS REQUIRING STRUCTURAL FILL IN ORDER TO ACHIEVE THE PLAN SUBGRADE ELEVATIONS TO WITHIN A TOLERANCE OF 0.3 FET (+/-). THE MATERIAL SHALL BE PLACED (8) INCHES IN THICKNESS, AND THE WATER CONTENT SHALL BE ADJUSTED IN ORDER TO ACHIEVE THE REQUIRED COMPACTION. EARTH MATERIAL MAY BE PLACED WITHIN THOSE PORTIONS OF THE BUILDING SITE NOT REQUIRING STRUCTURAL FILL. TO WITHIN SIX (6) INCHES OF THE PLAN PORTIONS OF THE BUILDING SITE UNSUITABLE MATERIALS UNLESS SPECIFICALLY DIRECTED BY A SOILS BE PLACED OVER TOPSOL OR OTHER UNSUITABLE MATERIALS UNLESS SPECIFICALLY DIRECTED BY A SOILS ENGINEER WITH THE CONCURRENCE OF THE OWNER. 3. COMPACTION OF THE EXCAVATED MATERIAL WHERE PLACED IN AREAS NOT REQUIRING STRUCTURAL FILL MATERIAL, SHALL BE MODERATE. 2. PLACEMENT OF THE EXCAVATED MATERIAL IN OWNER DESIGNATED AREAS FOR FUTURE USE WITHIN AREAS BE LANDSCAPED, AND THOSE AREAS NOT REQUIRING STRUCTURAL FUL MATERIAL. TOPSOIL EXCAVATION INCLUDES: 1. EXCAVATION OF TOPSOIL AND OTHER STRUCTURALLY UNSUITABLE MATERIALS WITHIN THOSE AREAS THAT WIL REQUIRE EARTH EXCAVATION OR COMPACTED EARTH FILL MATERIAL, IN ORDER TO ACHEVE THE PLAN SUB GRADE ELEVATIONS. 3. EARTHWORK CONTRACTOR IS RESPONSIBLE FOR CERTIFYING THAT ANY SOIL EXPORTED OFFSTE IS CLEAN CONSTRUCTION OR DEMOLITION DEBRIS (CCDD). IF THE SOIL IS NOT CCDD, CONTRACTOR IS RESPONSIBLE FOR THE PROPER DISPOSAL OF THE CONTAMINATED SOIL. EARTH EXCAVATION INCLUDES: 1. EXCAVATION OF EARTH AND OTHER MATERIALS ARE SUITABLE FOR USE AS STRUCTURAL FILL. THE EXCAVATION SHALL BE TO WITHIN THE TOLERANCE OF 0.3 FEET (+/--) OF THE PLAN SUBGRADE ELEVATIONS. THE (+/-) TOLERANCE WITHIN PAVEMENT AREAS SHALL BE SUCH THAT THE EARTH MATERIAL SHALL "BALANCE AS PART OF THE FINE GRADING OPERATION. 4. EXCESS MATERIALS IF NOT UTILIZED AS FILL OR IF NOT STOCKPILED FOR FUTURE LANDSCAPING, SHALL BE COMPLETELY REMOVED FROM THE CONSTRUCTION SITE AND DISPOSED OF BY THE CONTRACTOR. UNCONTRACTOR IS RESPONSIBLE TO CONFIRM THAT THE CODD OR UNCONTAMINATED SOFL WAS NOT REMOVED FROM A SITE AS PART OF A CLEAN-UP OR REMOVAL.
5.) CONTRACTOR IS RESPONSIBLE TO VISUALLY INSPECT AND SCREEN EACH LOAD OF SOFL WITH A DEVICE SUCH AS A PHOTO IONIZATION DETECTOR, FLAME IONIZATION DETECTOR OR ANOTHER DEVICE APPROVED BY THE ILLINOIS ENVIRONMENTAL PROTECTION AGENCY, BUREAU OF LAND, THAT DETECTS VOLATILE ORGANIC COMPOUNDS (ALREADY REQUIRED OF PERMITTED CODD FILL OPERATIONS):
6.) CONTRACTOR IS RESPONSIBLE TO DOCUMENT ALL CHEMICAL ANALYSIS ACTIVITIES ASSOCIATED WITH TESTING OF THE CODD OR UNCONTAMINATED SOIL, WHICH MUST INCLUDE, BUT IS NOT LIMITED TO:
6.) COPY OF THE LAB AMALYSIS;
6.) LABORATORY AUTHORIZED AGENT CERTIFICATION. ARTHWORK IMPROVEMENTS ENERAL THE EARTHWORK CONTRACTOR SHALL: 1. ALL FILL MATERIAL IMPORTED ON-SITE MUST MEET THE FOLLOWING REQUIREMENTS: 1.) FILL MUST BE IMPORTED FROM ONE LOCATION. 2.) CONTRACTOR IS RESPONSIBLE FOR OBTAINING THE FOLLOWING DOCUMENTATION FOR EACH LOAD OF CLEAN CONSTRUCTION OR DEMOLITION DEBRIS (CCDD) OR UNCONTAMINATED SOL RECEIVED: 0. HAULER NAME, SITE OF ORIGIN, ADDRESS, OWNER OR OPERATOR OF THE SITE OF 32. UNSUITABLE MATERIAL SHALL BE CONSIDERED AS MATERIAL WHICH IS NOT SUITABLE FOR THE SUP "PAVEMENT, BUILDING, AND OR LOAD BEARING STRUCTURES AS DETERMINED BY THE SOLLS ENGINEER." "COSION TO REMOVE SAID MATERIAL, AND TO WHAT EXTENT, SHALL BE MADE BY A SOLLS ENGINEER WITH INCURRENCE OF THE OWNER. GENERAL THE GRADING CONTRACTOR SHALL: I. MAINTAIN PROPER SITE DRAINAGE AT ALL TIMES DURING THE COURSE STORM WATER FROM RUMNING INTO OR STANDING IN EXCAVATED AREAS. 4. EXCESS MATERIAL IF NOT UTILIZED AS FILL, SHALL BE COMPLETELY REMOVED FROM SITE AND DISPOSED OF BY THE CONTRACTORS. 3. COMPACTION OF THE EARTH AND OTHER SUITABLE MATERIALS, SHALL BE TO AT LEAST 95% OF THE STANDARD PROCTOR DRY DENSITY, ASTM 598 WITHIN PROPOSED PAVEMENT AND BUILDING AREAS. MODERATE COMPACTION IS REQUIRED ELSEWHERE. 33. THE QUANTITIES AS SHOWN IN THE ENGINEER'S "QUANTITY ESTIMATE" ISINEER AND ARE PROVIDED SETTIN FOR THE CONVENIENCE OF THE CONTR LOOSING TO UTILIZE THESE QUANTITIES IN THE PREPARATION OF HIS "LUNP SCURACY. THE CONTRACTOR IS THERE OR FROM TO THE PREPARATION OF HIS BU LCULATION, AND TO VISIT THE SITE PRIOR TO THE PREPARATION OF HIS BU 4. PROVIDE WATER TO ADD TO DRY MATERIAL IN ORDER TO ADJUST THE MOISTURE CONTENT FOR THE PURPOSE OF ACHIEVING THE SPECIFIED COMPACTION. 3. SCARFY AND COMPACT TO THE DECREE SPECIFIED THE UPPER TWELVE (12) INCHES OF THE SUITABLE SUBGRADE MATERIAL, IN ALL AREAS THAT MAY BE SOFT DUE TO EXCESS MOISTURE CONTENT. THIS APPLIES CUT AREAS AS WELL AS FILL AREAS. 2. SPREAD AND COMPACT UNIFORMLY TO THE DEGREE SPECIFIED ALL EXCESS TRENCH COMPLETION OF THE UNDERGROUND IMPROVEMENTS. 2. SPECIFIC COMPACTION TESTING MAY BE REQUIRED BY THE OWNER IN SELECTED FILL AREAS. THE CONTRACTOR SHALL BEAR THE COST OF ANY COMPACTION TESTING WHICH DOES NOT MEET SPECIFICATION AS WELL AS THE RESPONSIBILITY AND COST FOR THE NECESSARY CORRECTION(S). 5. BE RESPONSIBLE FOR IMPLEMENTATION OF THE "SOIL EROSION AND SEDIMENTATION CONTROL MEASU AS ASSIGNED TO THE GRADING CONTRACTOR ON THE ENGINEERING PLAN. TESTING AND FINAL ACCEPTANCE. 1. THE CONTRACTOR SHALL PROVIDE AS A MINIMUM, A FULLY LOADED SIX-WHEEL TRUCK FOR PROOF ROLLING THE PAVEMENT SUBGRADE PRIOR TO THE PLACEMENT OF THE CURB AND GUTTER AND THE BASE MATERIAL. X APPROVAL OF THE PAVEMENT OF THE PAVEMENT MATERIALS 3. GRADE PUBLIC UTILITY EASEMENTS TO MEET THE REQUIREMENTS OF THE LOCAL PUBLIC UTILITY COMPANIES DATE 03-06-13 THIS SHEET ADDED FOR THE BENEFIT OF THE MUNICIPALITY AND CONTAINS NO AS-BUILT OR RECORD DRAWING INFORMATION. FIELD WORK COMPLETED 12-14-2012 (J.DEETS) DRAFTING COMPLETED 01-09-2013 (J.DEETS) RECORD DRAWINGS PREPARED V3 COMPANIES OF ILLINOIS, LTD. PER ADDITIONAL FIELD WORK SUB ADE BY THE OWNE REVISIO V3 Companies 7325 Janes Avenue Woodridge, IL 60517 630.724.9200 phone 630.724.9202 fax www.v3co.com SHALL BE REQUIRED BID. " ARE THOSE ESTIMATED BY THE RACTOR. THE CONTRACTOR BY P SUM" BID. ALSO ACCEPTS THEIR WM INDEPENDENT LARTHWORK 2 OF CONSTRUCTION, AND PREVENT 00 INCHES PRIOR TO 2 SPOIL AFTER THE CONSTRUCTION BY: THE 9 0 THE 0

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PRIOR TO THE REMOVAL OF UNSUITABLE MATERIAL, THE CONTRACTOR SHALL NOTIFY IORIZATION TO REMOVE SAID MATERIAL. UPON AUTHORIZATION AND REMOVAL, THE UN L BE FIELD MEASURED BY THE ENGINEER IN PLACE. THE OWNER FOR

ION CONTROL MEASURES SHALL CONFORM TO "THE STANDARDS AND SPECIFICATIONS FOR SOIL EROSION MENT CONTROL IN NORTHEASTERN ILLINDIS" LATEST EDITION, AND FURTHER MEASURES AS DEEMED SISARY, TEMPORARY VEGETATION OR, WHEN APPROPRIATE, MULCHING OR OTHER NONWABLE COVER SHALL TO PROTECT AREAS EXPOSED DURING DEVELOPMENT FERMANENT SEEDING AREAS SHALL RECEIVE 16 "ACRE CREEPING RED FESCUE AND 6B LBS/ACRE KENTUCKY BLUEGRASS. STRAW BALES SHALL BE SPREA "OF TWO BALES/ACRE IN ALL PERMANENT SEEDING AREAS. FERTILIZER SHOULD BE APPLIED PRIOR TO "ING AT THE FOLLOWING RATES: R SHALL BE 16 SPREAD AT 70 AND

OCEN SPHORUS ASSIUM 130 LBS/ACRE 130 LBS/ACRE 130 LBS/ACRE

AVING IMPROVEMENTS 1. FINE GRADING SHALL BE COMPLETED PRIOR TO THE CONSTRUCTION OF THE CURB AND ACEMENT OF THE BASE MATERIAL, THE STREETS SHALL BE FINE GRADED TO WITHIN 0.1 FE NAL SUBBRADE ELEVATION, TO A POINT TWO (2) FEET BEYOND THE BACK OF THE PROPOSE 2. CURB AND OUTTER SHALL BE THE TYPE AS DETAILED ON THE ENCINEERING PLANS. THE ACKFULED AFTER THEIR CONSTRUCTION PRIOR TO THE PLACEMENT OF THE BASE COURSE. URE VRE AND THE

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3. PAVEMENT MATERIALS SHALL BE AS DETAILED ON THE ENGNEERING CONSIDERED TO BE THE MINIMUM COMPACTED THICKNESS. PLA THICK B

THE INSTALLATION

. THE PAVING CONTRACTOR SHALL BE RESPONSIBLE FOR THE FOLLOWING: A. REPAIR ANY BASE COURSE AND BINDER COURSE FAILURES PRIOR TO MAINOUS CONCRETE SURFACE COURSE. P THE FINAL

B. SWEEP CLEAN THE BINDER COURSE PRIOR TO THE INSTALLATION OF THE FINAL BIT SURFACE COURSE. EXCESSIVE CLEANING OF THE BINDER COURSE THAT MAY BE REQUIRED, AULT OF THE PAVING CONTRACTOR, SHALL BE PAID FOR ON A TIME AND MATERIAL BASIS WITH THE OWNER. tuminous concrete 1, and is not the 3 by prior agreement

AND FINAL ACCEPTANCE

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PRIOR TO PLACEMENT OF THE BASE COURSE, THE SUBGRADE MUST BE AFPROVED BY THE LOCAL DICTIONAL AUTHORITY. (SEE "TESTING AND FINAL ACCEPTANCE FOR EARTHWORK"). PRIOR TO PLACEMENT OF THE BITUMINOUS CONCRETE SURFACE COURSE, THE CONTRACTOR, IF REQUESTED Y THE OWNER, SHALL OBTAIN SPECIMENS OF THE BINDER COURSE WITH A CORE DRILL WHERE DIRECTED BY ENGINEER, FOR THE PURPOSE OF THICKNESS VERFICATION. CORING SHALL BE IN ACCORDANCE WITH THE ICABLE PROVISIONS OF ART.405.16 OF THE STANDARD SPECIFICATION ENTITLED "STANDARD SPECIFICATIONS ROAD AND BRIDGE CONSTRUCTION". THE COST FOR OBTAINING CORES WHICH ARE LESS THAN THE MINIMUM (NESS SPECIFICIATION SHALL BE BORNE BY THE CONTRACTOR. THE COST FOR OBTAINING CORES WHICH MEET OR THE SPECIFICATION SHALL BE BORNE BY THE OWNER.

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. THE ENTIRE BUILD

LOING SANITARY SERVICE SHALL BE TELEVISED FROM HINE TAP, WYE OR TEE, THE OUTSIDE CLEANOUT(S) A

IM THE PUBLIC SEMER TO "

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2. THE CONSTRUCTED SEMERS MUST BE TELEVISED UNDER SMULLATED FLOW CONDITIONS. DISTRICT PI MUST BE PRESENT DURING TELEVISING. NO SAGS GREATER THAN 25% OF THE PIPE DIAMETER WILL BE ALL UNACCEPTABLE SAGS MUST BE REPLACED IN A MANNER ACCEPTABLE TO THE DISTRICT.

DEFICIENCIES IN THE BITUMINOUS CONCRETE BINDER COURSE SHALL BE ADJUSTED FOR BY THICKNESS OF THE SURFACE COURSE WITH NO ADDITIONAL COST TO THE DWINER. INCREASING THE

4. FINAL ACCEPTANCE OF THE TOTAL PAVEMENT INSTALLATION SHALL BE SUBJECT TO ACCEPTANCE OF THE ABOVE. THE TESTING AND

LESS THAN SHALL BE P.C. C AN 5"; EXPANSIO -5 3" MINIMUM I 2. CONCRETE (3500 PSI) 5' V ISION JOINTS AT 50' INTERVA DEPTH. 2-#4 REBARS, 10 Y WIDE DE OR AS SPECIFIED IN THE PLANS AN S; W/ CONTRACTION JOINTS EVERY 5'. ETHER SIDE ALL UTILITY CROSSINGS. AND D A THICKNESS BEIDING

OF MEASUREMENT THE FIELD BY THE CONTRACTOR. THE

AND BASE BAITTED TO D THE ENGINEER FOR 1 VERIFICATION.

CURB AND GUTTER, A NTITIES SHALL BE SUBW . WHEN REQUESTED, DO FACE COURSE, SHALL B FACE COURSE, SHALL B CORETE PAVEMENT THICK ISDICTIONAL AUTHORITY. , documentation i L be submitted th Hickness shall be Ity. V FOR THE INSTALLED BASE COURSE, TO THE ENGINEER FOR VERIFICATION, BE ADJUSTED FOR IN ACCORDANCE V BIII THE REQUIRE NE IO R $\overline{\omega} \in \overline{m}$ 品面面 IUMINOUS

2- 24 10 -0 B AND GUTTER SHALL BE PAID FO AE COAT MATERIAL SHALL BE PAI E COURSE SHALL BE PAID FOR A MINOUS CONCRETE SHALL BE PAIL AD FOR THE CON AT THE CONTRAC E CONTRA T UNIT PRICE / LI RACT UNIT PRICE I IT PRICE PER SOU RACT UNIT PRICE PER

ANITARY SEWER SYSTEM

DETAILS GROVE SANITARY DISTRICT -SEE SHEET 5 FOR NOTES AND

ALL DEVELOPMENT, WHETHER PUBLIC OR PRIVATE, SHALL INCLUDE PROVISIONS ITARY SEWERS AND APPURTENANCES DESIGNED IN ACCORDANCE WITH THIS SEC-HER THE PUBLIC SEWER SYSTEM OR AN ALTERNATIVE SEWER SYSTEM, CERTIFED NICIPALITY WITH JURISDICTION AUTHORITY, PROVIDED THAT THE DEVELOPMENT IS INSMISSION LINE THAT HAS ADEQUATE CAPACITY TO HANDLE SUCH PROPOSED D HE CONSTRUCTION EVELOPERS SHALL I AGENCY OR ATE TO A P

L THE DOWNERS OF GROVE SANTARY STANDA AND ORD INANCES 10 3 VERN ALL SANITARY

3. ALL SANITARY IMPROVEMENTS SHALL BE ISTING REQUIREMENTS OF THE "STANDARD S LINDIS," LATEST EDITION, UNLESS OTHERWISE L BE INSTALLED IN ACCORDANCE WITH THE 2D SPECIFICATION FOR THE WATER AND WISE MODIFIED IN THIS SECTION 54 m ENER MAIN I CONSTRUCTION

V OF WATER WAINS

WATER MANS SHALL BE PROTECTED IN ACCORDANCE WITH THE APPLICABLE ILLINOIS POLLUTION CONTROL (RD REGULATION AND THE ILLINOIS ENVIRONMENTAL PROTECTION AGENCY, DIVISION OF PUBLIC WATER SUPPLIES, HNICAL POLICY STATEMENTS. WHEREVER THE SANITARY SEWER MAIN, BUILDING SERVICE SEWER OR ANY RM DRAIN CROSSES A WATER MAIN, A MINIMUM EIGHTEEN (18) INCHES WERTICAL SEPARATION SHALL BE MIDED BETWEEN THE TOP OF THE LOWER PIPE AND THE BOTTOM OF THE UPPEN PIPE. IF AN EIGHTEEN (18) H VERTICAL SEPARATION CANNOT BE MAINTAINED, THE SANITARY OR STORM SEWER SHALL BE CONSTRUCTED WATERMAIN QUALITY FIPE, FOR A MINIMUM DISTANCE OF THE SANITARY OR STORM SEWER SHALL BE CONSTRUCTED WATERMAIN QUALITY FIPE, FOR A MINIMUM DISTANCE OF THE SAME PIPE WATERIAL AS THE WATER MAIN. MAINTAINED, BOTH SEWER AND WATER PIPES MUST BE OF THE SAME PIPE MATERIAL AS THE WATERMAIN.

542 EDULE 王を THE DISTRICT A PRE--CONS CTION MEETING

THE SEWER CONTRACTOR RT OF CONSTRUCTION. PRIOR õ

THE SEWER CONTRACTOR SHALL SCHEDULE WITH THE DISTRICT INSPECTIONS (STRUCTION 48 HOURS IN ADVANCE OF THE START OF CONSTRUCTION (630-S OF THE SANITARY -- 989-0684), 2 MRR

CY SEWER SYSTEM SHALL 82

ALL REQUIRED TESTING AND CORRECTION OF ANY DEFECTS OF THE SANITAR APLETED BEFORE CURB AND GUTTER OR OTHER ROADWAY WORK BEGINS. GUIRE AR, TELEVISING, DEFLECTION,

THE CONSTRUCTED SEMERS WHOLE VACUUM TESTS. SHALL PASS DISTRICT MENTS FOR

떢 B CLEANED PRIOR TO INSPECTION AND TESTING

CLEANING SEWERS AN JUIRED BY T AND APPURTEN Y THE SECTION.

AR TEST THE ENTIRE BUILDING SI JUDING THE MACHINE TW THE IS INSTALLED ON AN ES OF THE WYE OR TEE

ALL BE OUTSIDE F 2R SA S) THE BUILDING, . IF A NEW WYE EWER ON BOTH

王武 OR TEE TEST PL S IN O INST INST SEWERS BY A METHOD ACCEPTABLE TO THE DISTRICT. IF A NE CLEAN THE INSIDE OF ALL EXISTING PIPES TO ALLOW

3. ISOLATE THE BUILDING SANTARY SERVICE F PLUCS IN THE PUBLIC SEWER, BY INSTALLING ON BETWEEN THE BUILDING SERVICE CONNECTION AN THE DISTRICT. E FROM THE EXISTING PUBLIC SEWER BY INSTALLING TWO ARTICHT ONE AIRTIGHT PLUC WITH A VOID POSITIONED AT THE CONNECTION AND THE PUBLIC SEWER, OR BY OTHER METHOD ACCEPTABLE TO

GROUNDWATER

MATERIAL SPECIFI ALL STORM SEVEL

1, SEWER PIPE CLAS

4. INSTALL AN AIRTIGHT PLUG ON THE CLEANOUT INSIDE THE BUILDING
5. PROPERLY BRACE THE DUTSIDE CLEANOUT CAP AND COLLAR TO WITHSTAND AIR TESTING.
6. WHENEVER THE SEWER TO BE TESTED IS SUBMERGED UNDER GROUNDWATER, DETERMINE THE GR HYDROSTATIC PRESSURE BY A METHOD APPROVED BY THE DISTRICT.
7. ADD AIR TO THE PLUGGED SEWER SECTIONS UNDER TEST THROUGH THE CLEANOUT OR PUBLIC UNTIL INITIAL AIR PRESSURE REACHES 4.0 PSIG CREATER THAN ANY GROUNDWATER HYDROSTATIC PR SEVER PLUG

8. ALLOW AT LEAST TWO MINUTES FOR AIR TEMPERATURE TO STABILIZE, ADDING TEST PRESSURE. Alle 0 MAINTAIN THE INITIAL

9. SHUT OFF THE AIR SUPPLY AFTER STABILIZING THE AIR TEMPERATURE AND RECORD THE TIME IN SECONDS USING AN APPROVED STOPWATCH FOR THE INTERNAL SEWER PRESSURE TO DROP FROM 3.5 P.S.C. TO 2.5 P.S.C. GREATER THAN ANY GROUNDWATER INDROSTATIC PRESSURE.

TO, THE BUILDING SANITARY SERVICE SHALL PASS IF THE RECORDED TIME FOR THE ALLOWABLE PRESS ROP EQUALS OR EXCLEDS Z MINUTES FOR A 4-INCH AND 6-INCH DIAMETER SCRAFCE LESS THAN 300 3TAL LENGTH, THE MINIMUM ALLOWABLE TIME FOR LARGER PIPE DIAMETERS OR LONGER PIPE LENGTHS ETERMINED BY THE DISTRICT. **E** A B 四三

INSTALLED 01 100 B

ARATE INFLATABLE SEALING RINGS OR 2.50 INCHES, BUT NO MORE THAN 2

11. THE INDIVIDUAL PIPE JOINTS ON EITHER SIDE OF A NEW WYE OR TEE INST.
SEWER SHALL ALSO BE AR TESTED AS FOLLOWS:
A) COMPLY WITH REQUIREMENTS OF ASTM CTIDG-90.
B) UTILIZE COMMERCIALLY AVAILABLE TEST APPARATUS WITH TWO SEPARATI PLUGS, OR ONE PLUG WITH A VOID POSITIONED AT THE CENTER, AT LEAST 2.50 FEET APART.
C) ACCEPTABLE MAXIMUM AIR LOSS IS 1 PSI IN 5 SECONDS:
D) TEST PRESSURE IS 3.5 PSI HIGHER THAN GROUNDWATER PRESSURE, BUT GREATER THAN 6 PSI.
E) PROVIDE TEST APPARATUS THAT ALLOWS REMOTE MONITORING OF TEST IN SECOND BUT DO NOT USE 20-TEST PRESSU

12, IF THE AIR TEST FAILS TO WEET THESE REQUIREMENTS, LOCATE AND REPAIR, OR REMOVE HE FAULTY SECTIONS OF SEVER IN A MANNER APPROVED BY THE DISTRICT, AS NECESSARY TO LLOWABLE LIMITS UPON REFESTING. THE USE OF ACRYLAMD CEL SEALANT IS NOT AN ACCEPTA ORRECT LEAKAGE. OF TEST BY THE DISTRICT. AND REPLACE MEET THE ABLE METHOD Œ

IN HEIG

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13. PROVIDE AND USE EQUIPMENT AND MEASURING DEVICES ACCEPTABLE TO THE DISTRICT.
14. ALL AIR TESTING FOR ACCEPTANCE SHALL BE DONE UNDER THE DIRECT SUPERVISION OF THE DISTRICT. CONTRACTOR SHALL NOTIFY THE DISTRICT AB HOURS PRIOR TO TESTING.
15. AIR TESTING TECHNIQUES SHALL BE IN ACCORDANCE WITH THE LATEST ASTM STANDARD PRACTICE FOR TESTING SEWER LINES BY LOW-PRESSURE AIR TEST METHOD FOR THE APPROPRIATE PIPE MATERIAL.
16. AIR TESTING MAY NOT BE PERFOMED UNTIL THE SANITARY SERVICE TRENCH HAS BEEN COMPETELY BACKFILLED.

D. DEFLECTION TESTING ALL FLEXIBLE THERMOPLASTIC SEWER PIPE SHALL BE DEFLECTION TESTED BY PULLING A MANU THROUGH THE PIPE FROM MANHOLE TO MANHOLE. DEFLECTION TESTING SHALL BE PERFOMED ACCORDANCE WITH THE "STANDARD SPECIFICATIONS FOR WATER AND SEWER MAIN CONSTRUCT ILLINOIS", EXCEPT THAT ALL SECTIONS OF SEWER MAIN SHALL BE TESTED. TELEV NN N

THE BUILDIN 5. INLETS: PRECAST REINFOR SIZE: INLETS SH AQUISTMENT: NO MAXIMUM HEIGHT ONLY ONE (1) PF ONLY ONE (1) PF ONLY ONE (1) PF MARTAN SECTIONS INVERT FLOWINES 6. CASTINGS -MARHOLE FRAME CARTE (3) WCH I 7. CRUSHED G

8. HEADWALLS ALL PIPES SHALL WATERMAIN GENERAL 1. ALL DEVEL FACULTES COMPL ACCORDANCE WIL SERVICE COMPLET SERVICE COMPLET INT OR FARCEL DI OR FARCEL DI OR FARCEL CONSTRUCTION A

ACCEPTED.

4. PROVIDE THE DISTRICT A VHS VIDEO PLAY (SP) MODE. 3. PRIOR TO TELEMISING, FLUISH AND CLEAN THE SEWERS BY A METHOD ACCEPTABLE TO THE DISTRICT. PROVIDE PREPARATORY CLEANING OF THE SEWER TO PERMIT UNOBSTRUCTED PASSAGE OF THE TELEMISION CAMERA AND CLEAN ENOUGH FOR THE CAMERA TO DISCERN STRUCTURAL DEFECTS, MISALIGNMENT, AND PO OF INFILTRATION FO THE SATISAFACTION OF THE DISTRICT. RECORDING OF THE TELEVISING. SET VILLO RE CO RDER 0 STAND

5. BECAN EACH TAPE WITH THE CURRENT DATE AND THE BECONNING FOOTAGE COUNT SUPER NDEO SIGNAL. PROVIDE CONTINUOUS FOOTAGE COUNTER ON ALL VIDEO RECORDINGS. ADDRESS, THE DATE AND CONTRACTOR'S IMPOSED ON THE

6. PROFESSIONALLY LABEL ALL VIDEO TAPES SHOWING THE EVELDING NAME. 7. MOVE THE CAMERA, AT A SPEED NO GREATER THAN 3D FEET PER MINUTE AND STOPPING AT NO POIN'S OF INFILTRATION TO PERMIT PROPER DOCUMENTATION OF THE SEWER CONDITION. 200 DEFECTS

8. ALL TELEVISING FOR ACCEPTANCE SHALL BE DONE UNDER THE DIRECT SUPERVISION OF THE DISTRICT. THE CONTRACTOR SHALL NOTIFY THE DISTRICT 4B HOURS PRIOR TO TELEVISING, VIDEO TAPES SHALL BE TURNED IN MMEDIATELY TO THE DISTRICT INSPECTOR UPON COMPLETION OF TELEVISING.
9. TELEVISING MAY BE PERFORMED AFTER THE SANITARY SERVICE HAS BEEN SUCCESSFULLY AIR TESTED AND ALL OUTSIDE CLEANOUTS HAVE BEEN ADJUSTED TO FINAL GRADE.

HOLE TESTING 9 MAN OLE

I. EACH MANHOLE SHALL BE TESTED NO SCOMER THAN 30 DAYS AFTER COMPLETION CONSTRUCTION.

2. ALL LIFT HOLES SHALL BE PLUGGED WITH AN APPROVED NON-SHRINK GROUT. 3. NO GROUT WILL BE PLACED IN THE HOMESWIAL JOINTS BEFORE TESTING. 4. ALL PIPES ENTERING THE MANHOLE SHALL BE PLUGGED, TAKING CARE TO SECURELY ROM BEING DRAWN INTO THE MANHOLE. PRACE THE PLUCS

AND THE SEAL

5. THE TEST HEAD SHALL BE PLACED AT THE INSIDE OF THE TOP OF THE MANHOLE FRAME IFLATED IN ACCORDANCE WITH THE MANUFACTURER'S RECOMMENDATION.

3, A VACUUM OF 10 INCHES OF MERCURY SHALL BE DRAWN AND THE VACUUM VES CLOSED, THE TIME SHALL BE MEASURED FOR THE VACUUM TO DROP TO 9 SS IF THE TIME IS GREATER THAN 60 SECONDS FOR A 48° CHAMETER MANHOLE, SECONDS FOR 72°. , 75 SECONDS S FOR 60", AND

7. IF THE MANHOLE FAILS THE INITIAL TEST, NECESSARY REPAIRS SHALL BE MADE WITH A NO RETESTING SHALL PROCEED UNTIL A SATISAFACTORY TEST IS OBTAINED. 8. ALL MANHOLE TESTING FOR ACCEPTANCE SHALL BE DONE UNDER THE DIRECT SUPERMISION PROCEDURE BY THE DISTRICT OR ITS AUTHORIZED REPRESENTATIVE(S). THE DISTRICT SHALL BE CONTRACTOR 48 HOURS PRIOR TO TESTING. A NON-SHRINK GROU

OF THE NOTFIED TEST BY THE

AND

C. DEFECTS ANY PIPING WITH DIPS, CRACKS, IMPROPERLY SE ALIGNMENT SHALL REPARED BY REMOVING AND I SECTION OF PIPE SHALL THEN BE RE-TESTED. SECTION OF PIPE SHALL THEN BE RE-TESTED. NE NE ED JOINTS, OR VARIATIONS FROM THE APPRI PLACING THE INVOLVED SECTIONS OF PIPE. HE VILLAGE ENGINEER MAY ALSO REQUEST OT IS A CONDITION OF INITIAL ACCEPTANCE. 8 READ REPARE TYPES O 28

 RECORD DRAMNOS
 PRIOR TO FINAL ACCEPTANCE OF 1
 ONE MYLAR REPRODUCIBLE AND TO TWO BLUEUNE CXPIES SHALL T BE STREAM SUUM E a VILLAGE.

OPM SEVER AND STORM WATER DETENTION ACCEPTANCE . CONSTRUCTION SHALL MEET THE REQUIREMENTS AND ACCEPTANCE BY METROPOLITAN TRICT OF GREATER CHICAGO PRIOR TO THE ACCEPTANCE BY THE DIRECTOR OF ENGINE I WATER RECLAMATION LERING

 AL DEVELOPMENT, WHETHER PUBLIC OR PRIVATE, SHALL INCLUDE PROVISIONS FOR TH STORM SEWERS AND APPURTEMANCES DESIGNED IN ACCORDANCE WITH THIS SECTION. DEVEL EITHER THE PUBLIC SEWER SYSTEM OR AN ALTERNATIVE SEWER SYSTEM, CERTIFIED BY AN A MUNICIPALITY WITH JURISDICTIONAL AUTHORITY, PROVIDED THAT THE DEVELOPMENT IS PROVID TRANSMISSION LINE THAT HAS ADEQUATE CAPACITY TO HANDLE SUCH PROPOSED DEVELOPMENT 2. ALL DEVELOPMENT DESIGNATED BY THE DIRECTOR OF ENGINEERING SHALL INCLUDE FRO WATER HOLDING FACILITIES DESIGNED IN ACCORDANCE WITH THIS SECTION. THE STORM WAT SHOULD INCOMPORATE MULTIPLIC USES WHERE PRACTICABLE. ASIONS FOR THE CONSTRUCTION OF ECTION DEVELOPERS SHALL USE HIFTED BY AN AGENCY OR HENT IS PROXIMATE TO A SED DEVELOPMENT

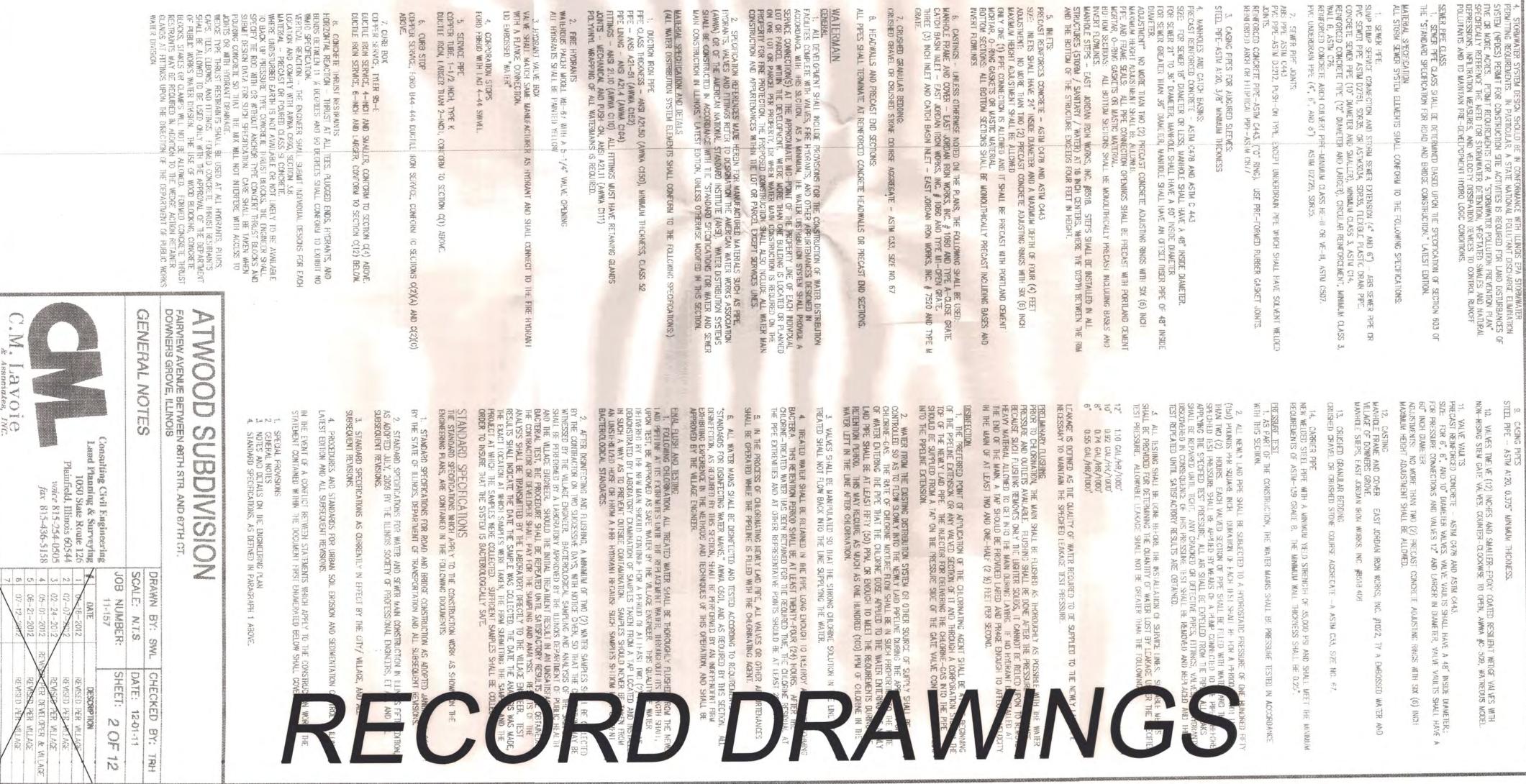
THE DETENTION, RETENTION OR DEPRESSIO DRAINAGE SYSTEM FOR A PROPERTY SHALL PROGRAM. ANY ERVIDED SEDIMENT CAPTUL BEFORE PROJECT COMPLETION IN ORDER T IONAL STORAGE AREAS THAT ARE TO BE USED AS ALL BE CONSTRUCTED AS THE FIRST ELEMENT OF TO TURED IN THESE FACILITIES SHALL BE REMOVED BY TO MAINTAIN THE DESIGN VOLUME OF THE FACILITI

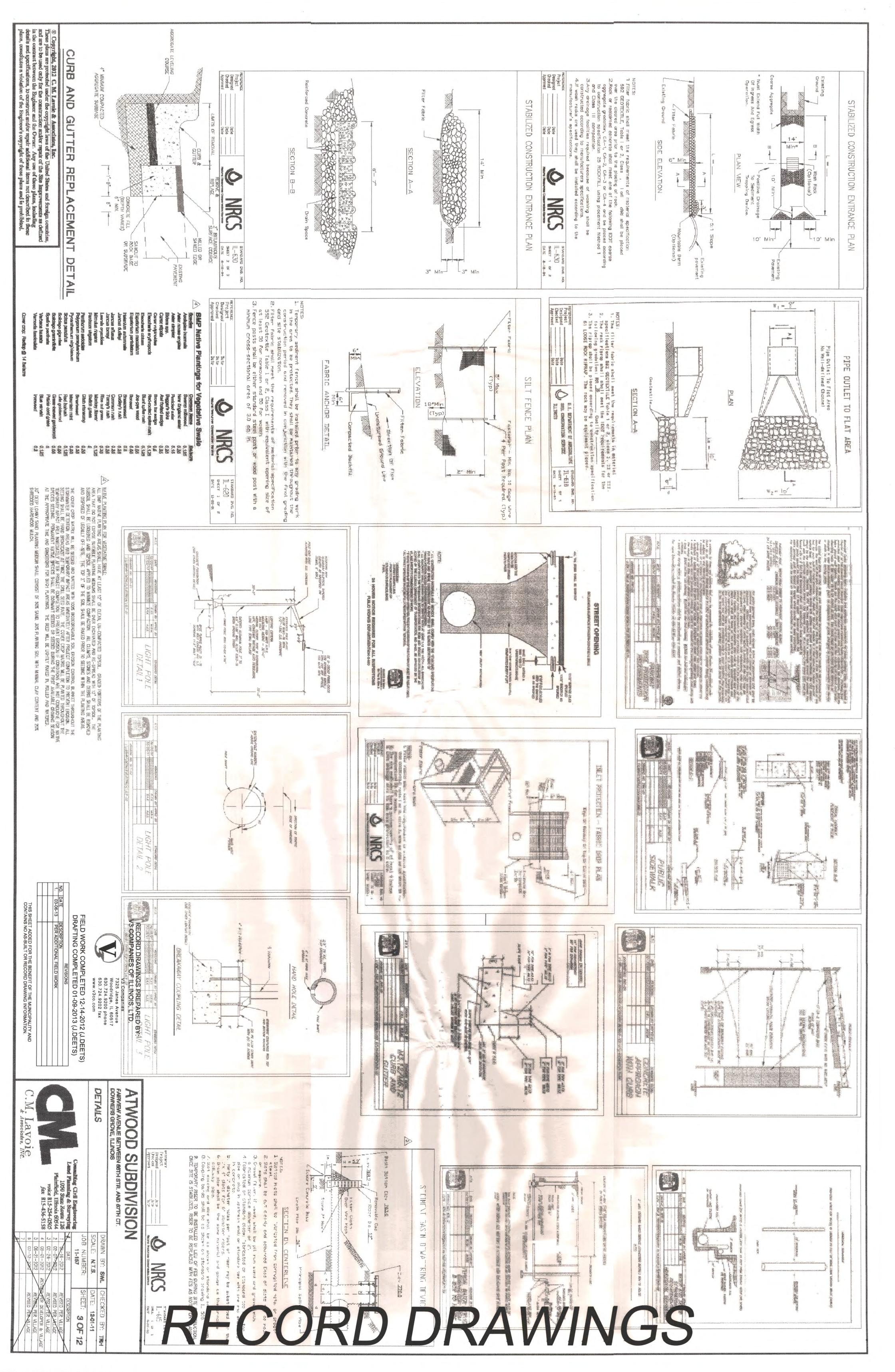
3, STORM SEWER SYSTEMS SHALL PECIFICATION FOR ROAD AND BRIDGE AIM CONSTRUCTION IN ILLINDIS," LAT

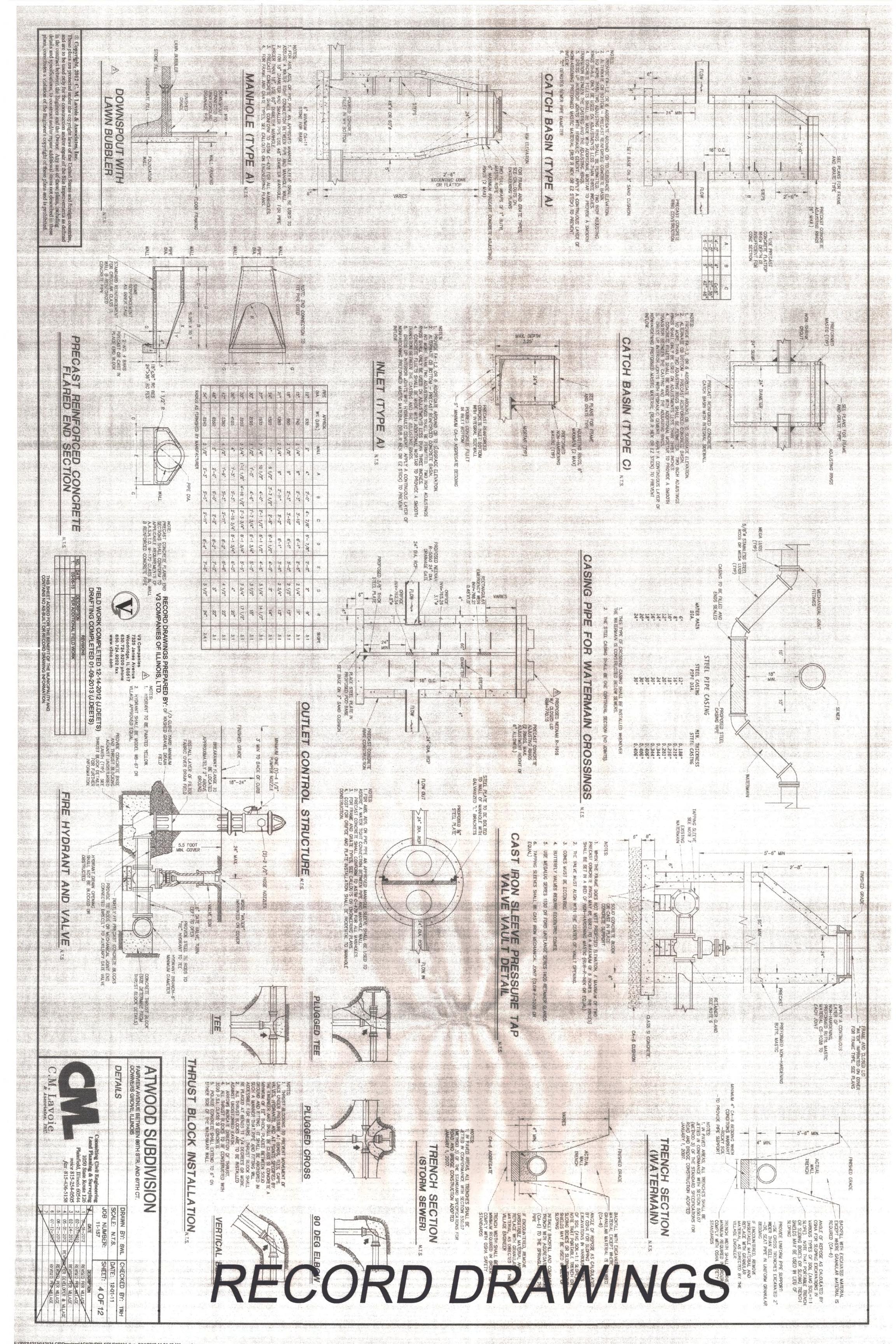
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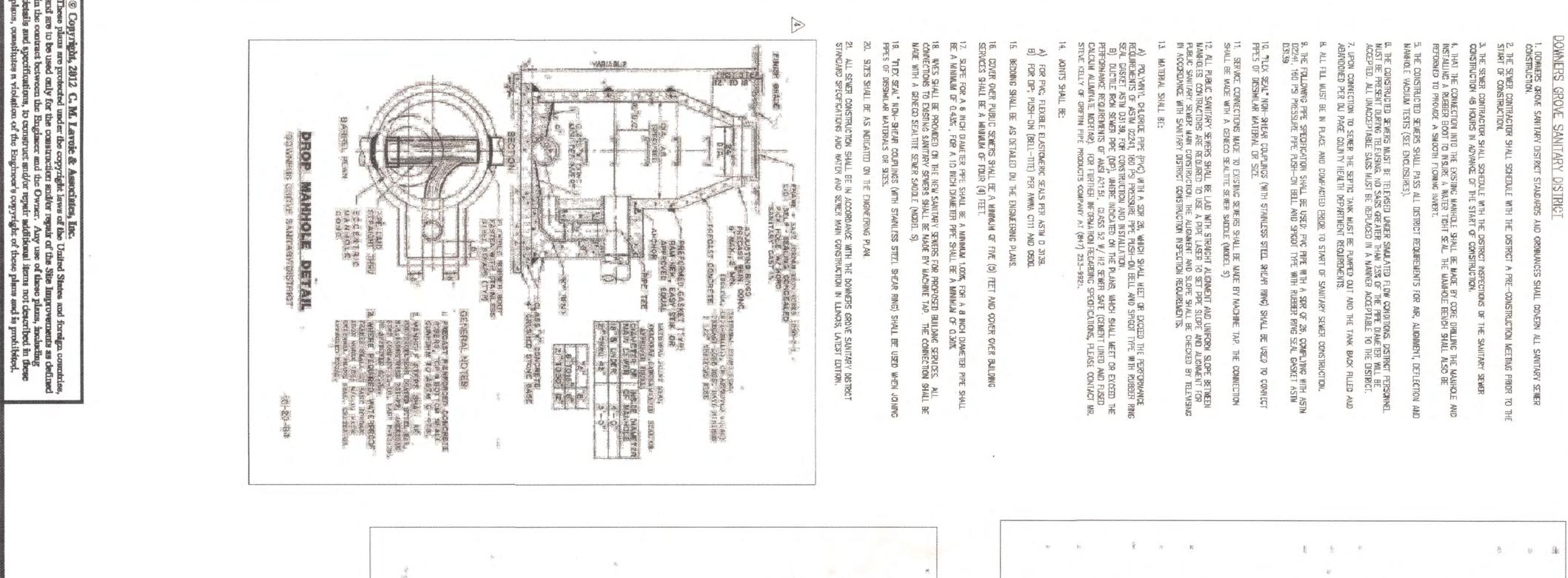
BE INSTALLED IN ACCORDANCE WITH SECTION E CONSTRUCTION," AND "STANDARD SPECIFICAT REST EDITION, UNLESS OTHERWISE MODIFIED IN N 600 OF THE "STANDARD VINUNS FOR WATER AND SEV V THE SECTION.

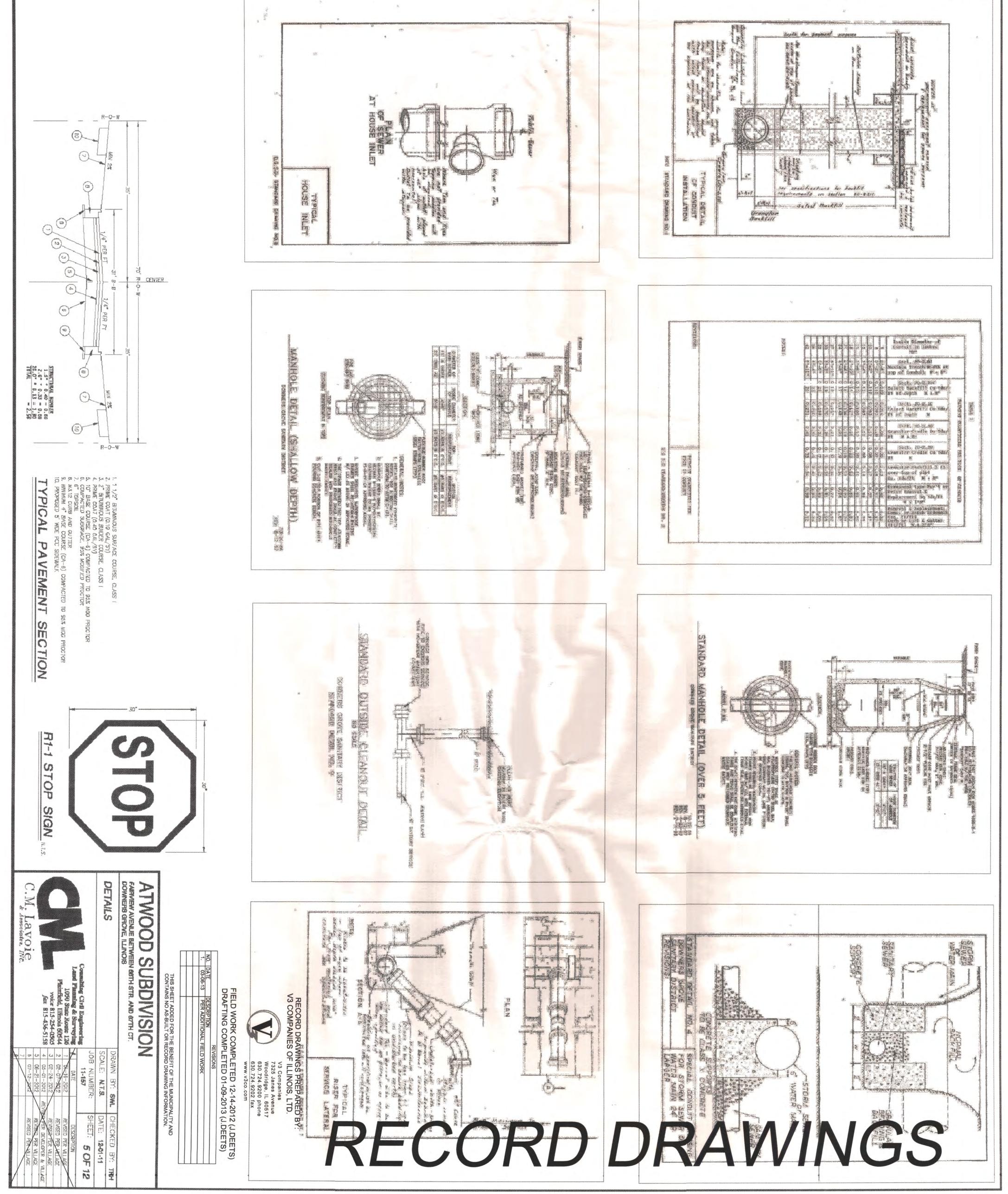
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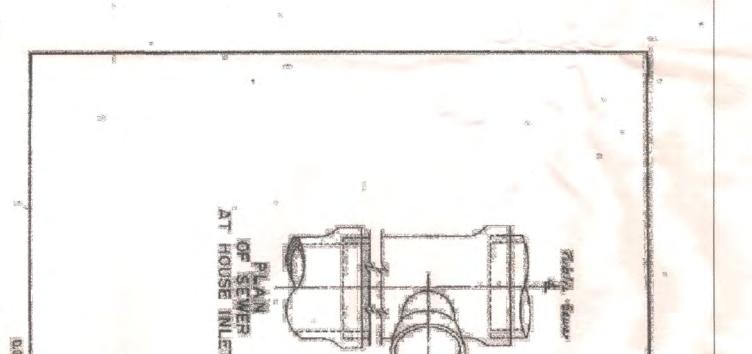


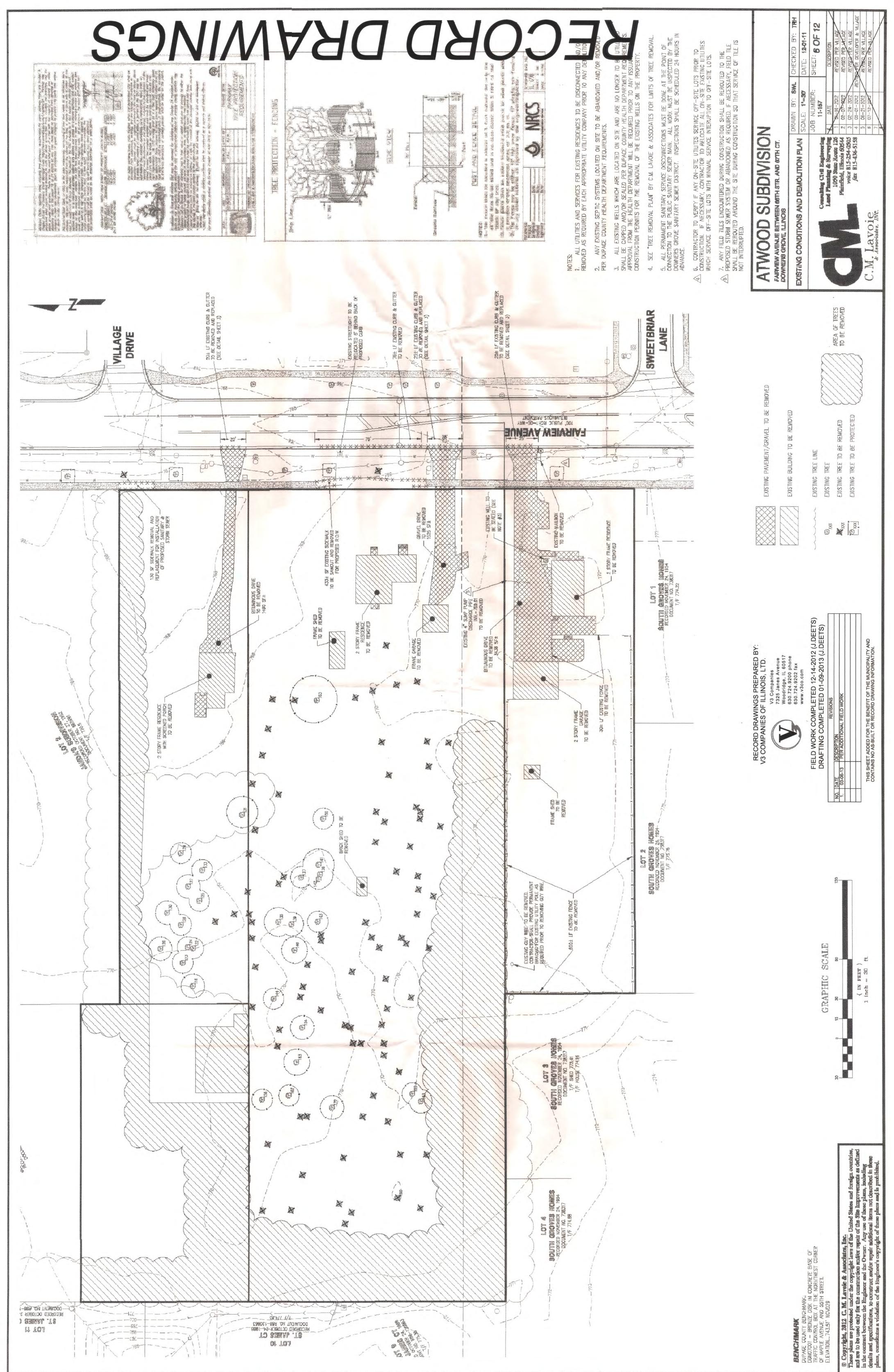


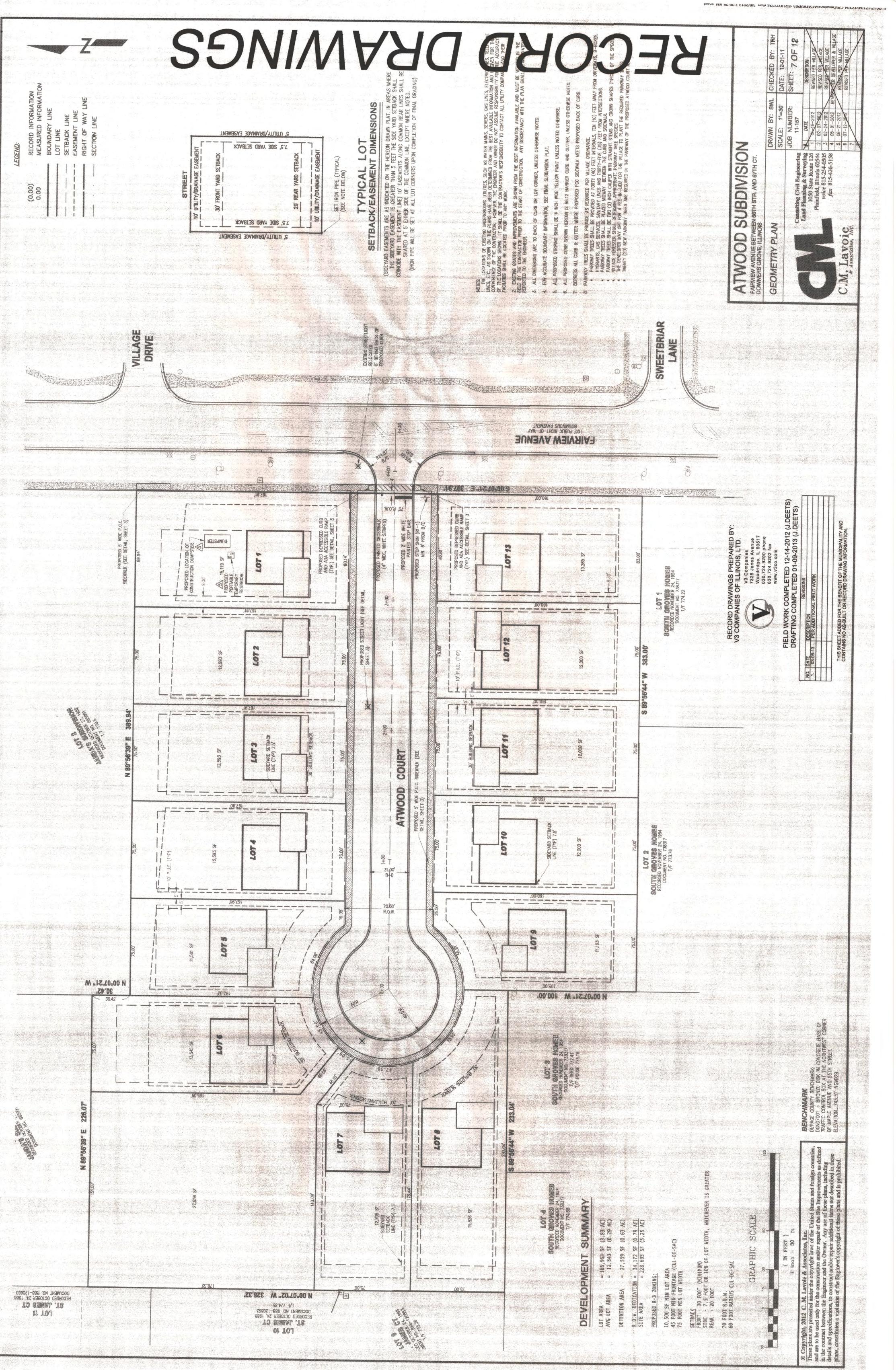


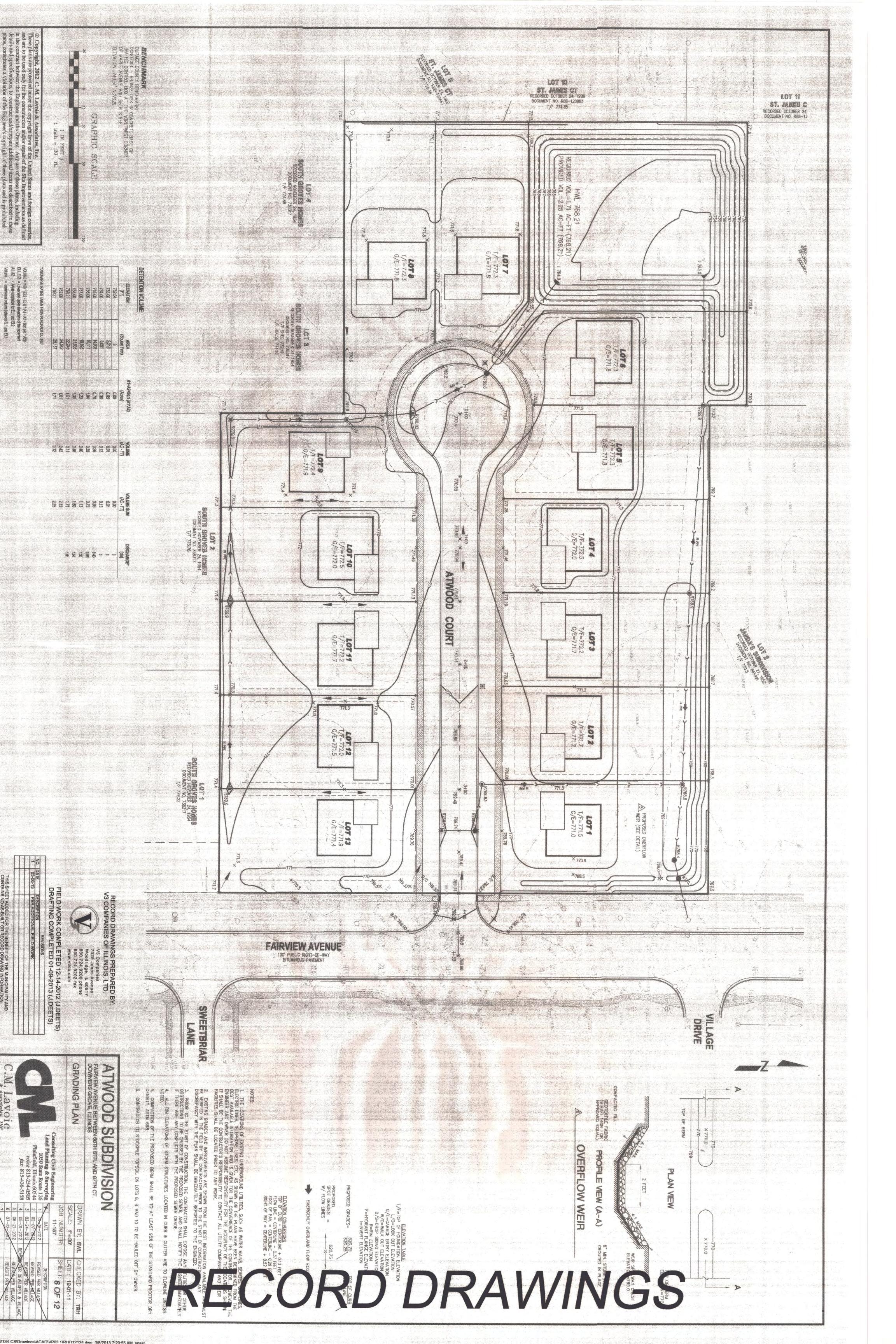


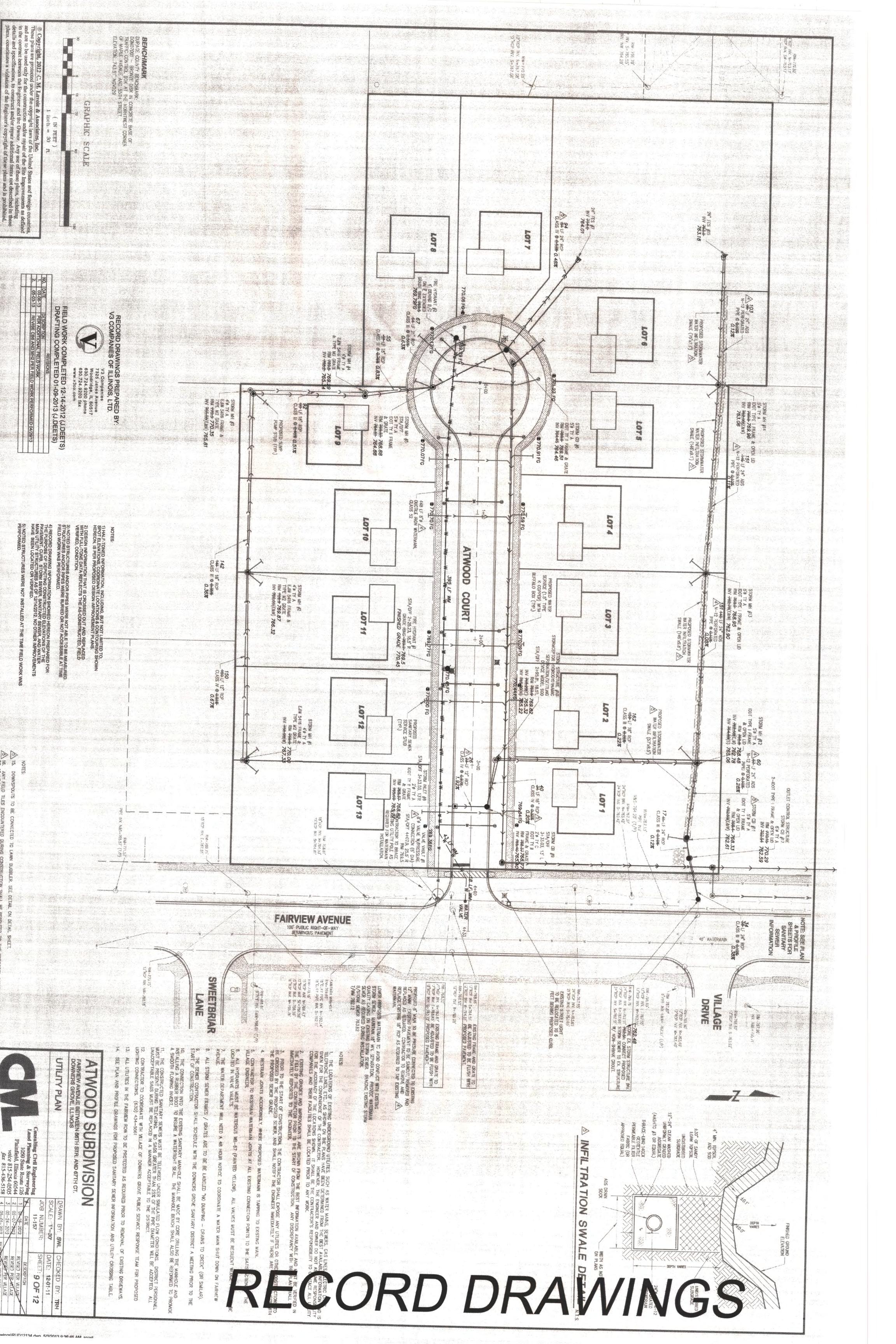


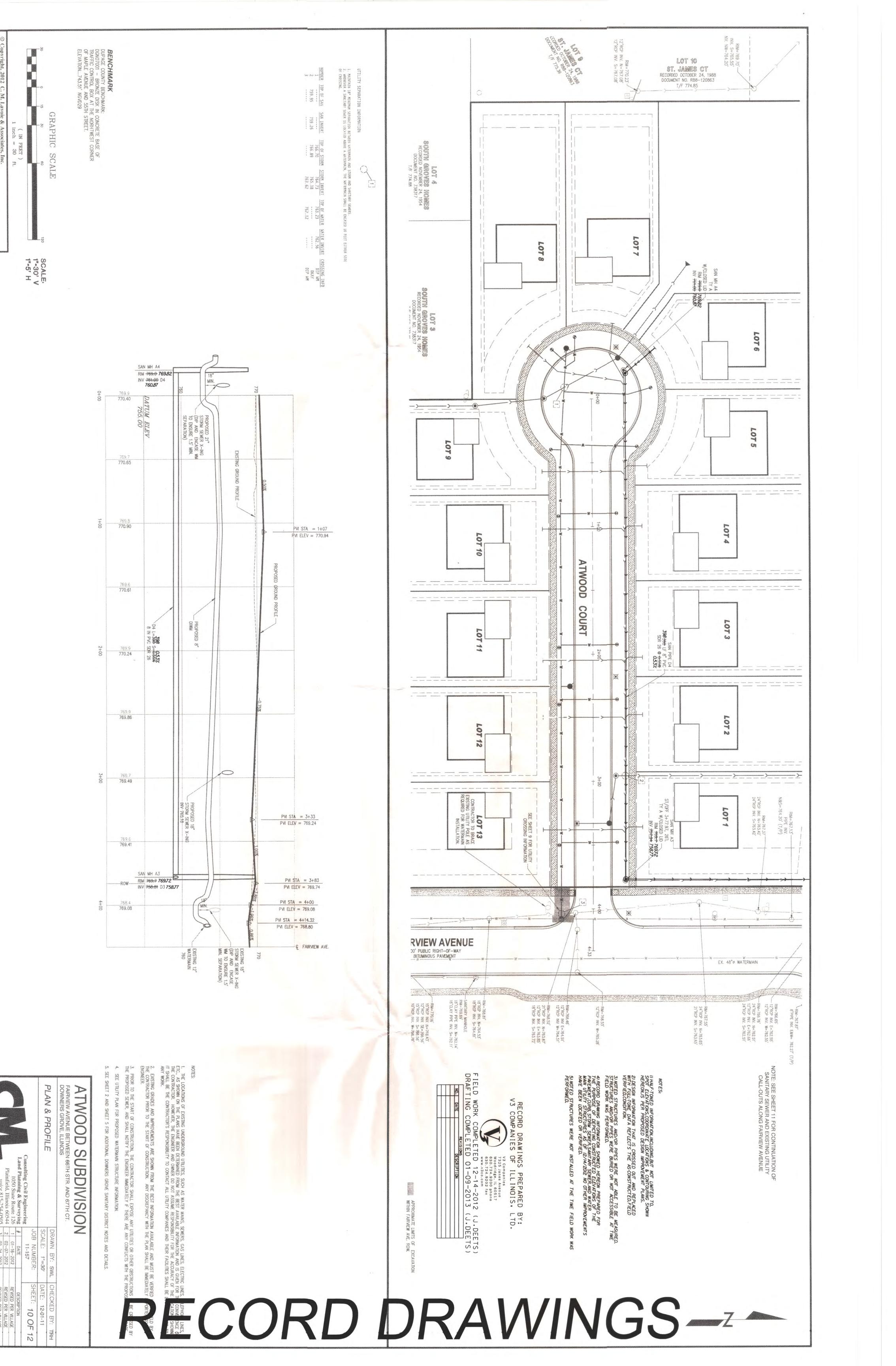


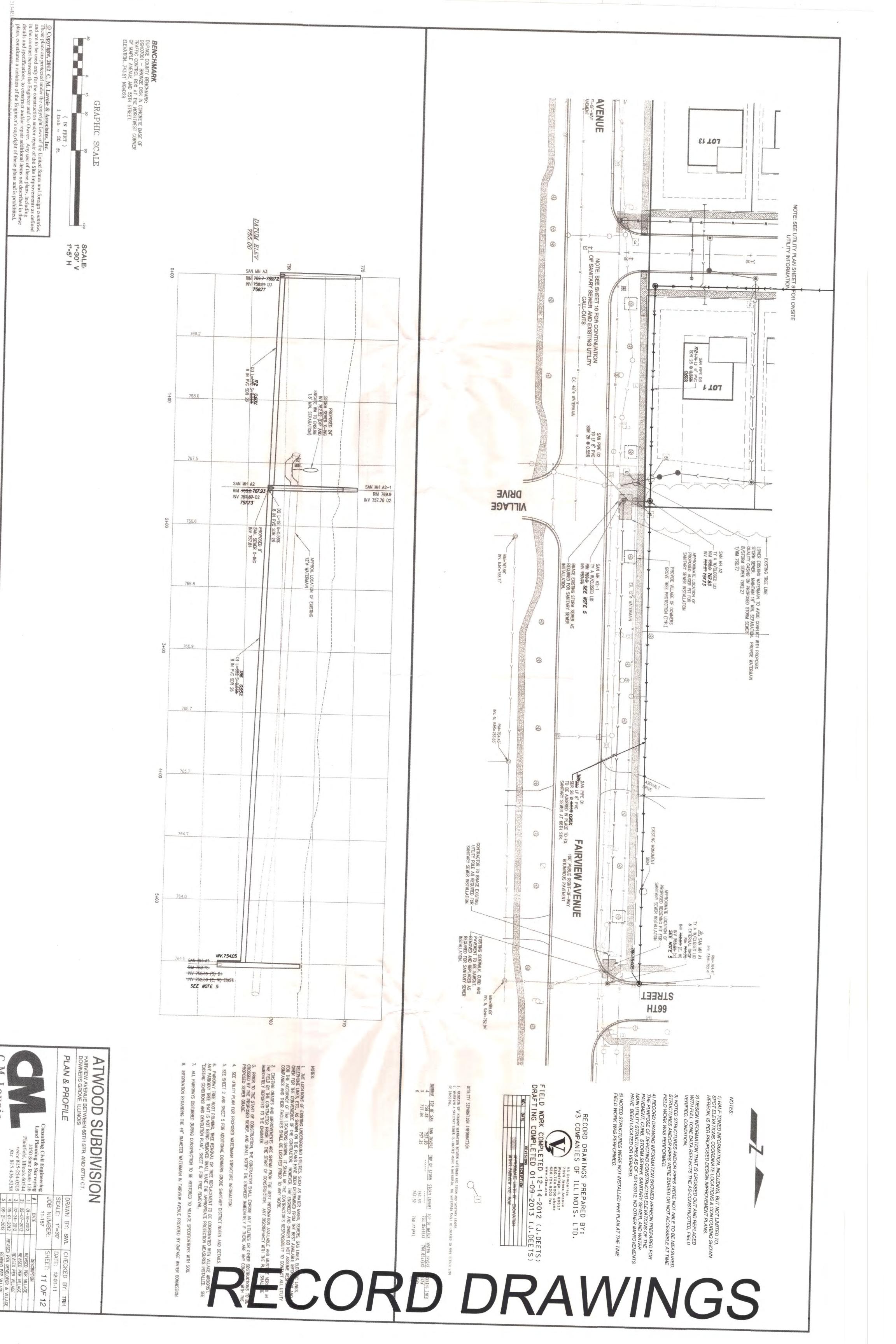


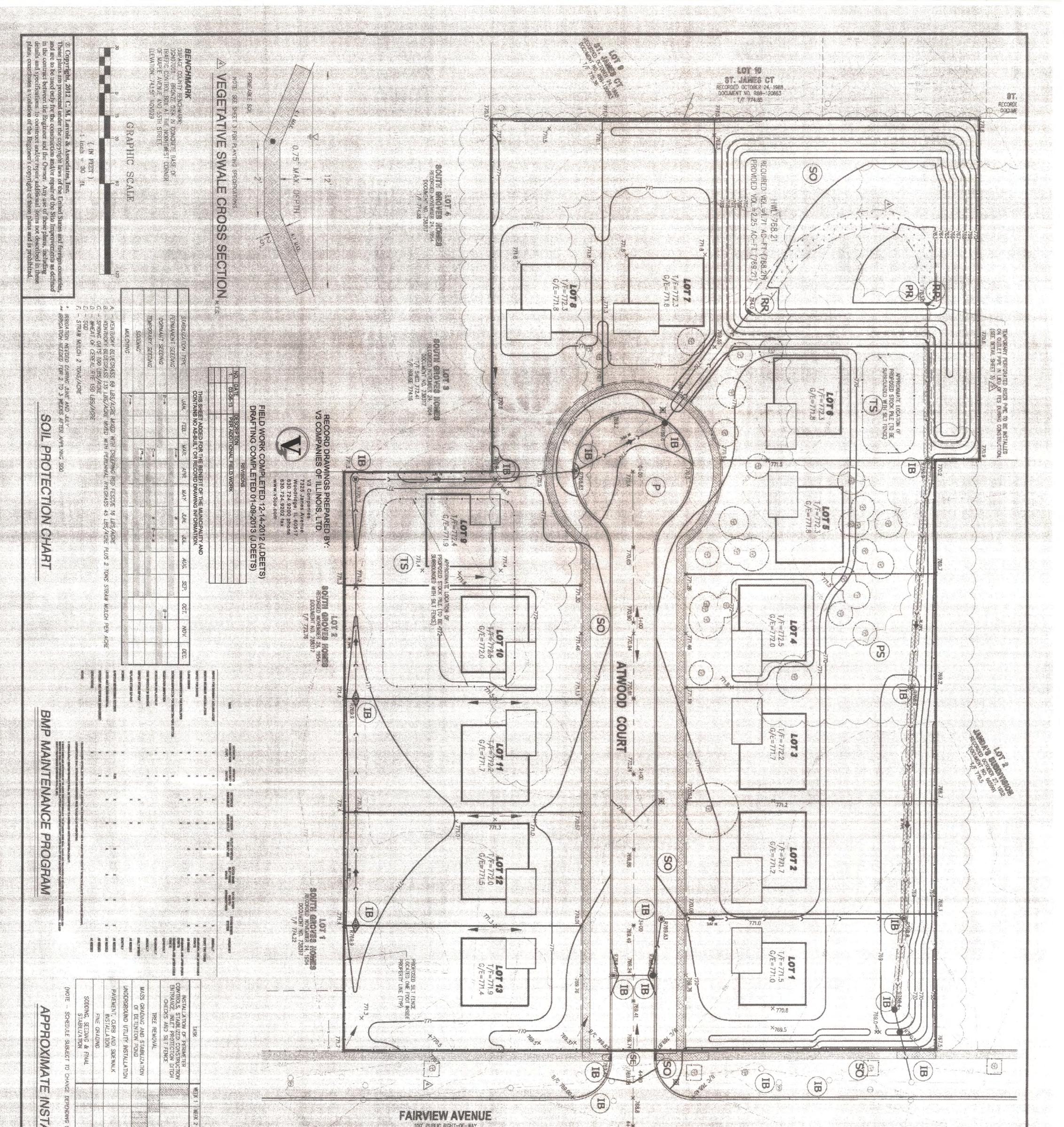












20. BRAVELED ROADS, ACCESS DRI NECESSARY, SHALL BE PROMOED IN SOL REACHING & PUBLIC OR PRIV FROM EROSION, THE VULVE, VELODIT, SED CONSTRUCTION, THE VULVE, VELODIT, SED CONTINUOUS, Y UNIT, BEACHED ON THE SURFACE OF STRUPPED AN ATTER FINAL GRADE IS REACHED ON THIOUS, Y UNIT, BE PROTECTED CONTINUOUS, Y UNIT, BE PROTECTED CONTINUES AND STRUCTURE CONTINUES AND ST	TT. ALL MANTE MTH CHAPTER B 18. PLEASE REF 19. IF A STOCKP BE PROVIDED FD	NOTES: NOTES: NOTES: NOTES: NOTES: NOTES: NOTES: NOTES: NOTES: NOTES: NOTES: NOTES: NOTES: NOTES: NOTES: NOTES: NOTES: NOTES: NOTES: NOTES: NOTES: NOTES: NOTES: NOTES: NOTES: NOTES: NOTES: NOTES: NOTES: NOTES: NOTES: NOTES: NOTES: NOTES: NOTES: NOTES: NOTES: NOTES: NOTES: NOTES: NOTES: NOTES: NOTES: NOTES: NOTES: NOTES: NOTES: NOTES: NOTES: NOTES: NOTES: NOTES: NOTES: NOTES: NOTES: NOTES: NOTES: NOTES: NOTES: NOTES: NOTES: NOTES: NOTES: NOTES: NOTES: NOTES: NOTES: NOTES: NOTES: NOTES: NOTES: NOTES: NOTES: NOTES: NOTES: NOTES: NOTES: NOTES: NOTES: NOTES: NOTES: NOTES: NOTES: NOTES: NOTES: NOTES: NOTES: NOTES: NOTES: NOTES: NOTES: NOTES: NOTES: NOTES: NOTES: NOTES: NOTES: NOTES: NOTES: NOTES: NOTES: NOTES: NOTES: NOTES: NOTES: NOTES: NOTES: NOTES: NOTES: NOTES: NOTES: NOTES: NOTES: NOTES: NOTES: NOTES: NOTES: NOTES: NOTES: NOTES: NOTES: NOTES: NOTES: NOTES: NOTES: NOTES: NOTES: NOTES: NOTES: NOTES: NOTES: NOTES: NOTES: NOTES: NOTES: NOTES: NOTES: NOTES: NOTES: NOTES: NOTES: NOTES: NOTES: NOTES: NOTES: NOTES: NOTES: NOTES: NOTES: NOTES: NOTES: NOTES: NOTES: NOTES: NOTES: NOTES: NOTES: NOTES: NOTES: NOTES: NOTES: NOTES: NOTES: NOTES: NOTES: NOTES: NOTES: NOTES: NOTES: NOTES: NOTES: NOTES: NOTES: NOTES: NOTES: NOTES: NOTES: NOTES: NOTES: NOTES: NOTES: NOTES: NOTES: NOTES: NOTES: NOTES: NOTES: NOTES: NOTES: NOTES: NOTES: NOTES: NOTES: NOTES: NOTES: NOTES: NOTES: NOTES: NOTES: NOTES: NOTES: NOTES: NOTES: NOTES: NOTES: NOTES: NOTES: NOTES: NOTES: NOTES: NOTES: NOTES: NOTES: NOTES: NOTES: NOTES: NOTES: NOTES: NOTES: NOTES: NOTES: NOTES: NOTES: NOTES: NOTES: NOTES: NOTES: NOTES: NOTES: NOTES: NOTES: NOTES: NOTES: NOTES: NOTES: NOTES: NOTES: NOTES: NOTES: NOTES: NOTES: NOTES: NOTES: NOTES: NOTES: NOTES: NOTES: NOTES: NOTES: NOTES: NOTES: NOTES: NOTES: NOTES: NOTES: NOTES:
HES PARCING AREAS OF SUFFICIENT WOTH AND LENGTH, AND VEHICLE WASH D DREAVENT THE DEPOSIT OF SOL FROM ENGLY REACED ONTO PUBLIC OR PRIVA TE POADBARY SHALL BE REMOVED BEFORE THE END OF EACH WORKOAY. COMTR CIED BY BROWEER OR WILLAGE. MENTLOAD OR PECK FLOW RATES OF STIONWANTER RUNDEF ARE TEMPORABLY ES AND SPECIAL WAARSHEDVT AREAS DOWNSTREAM FROM SUCH DEVELOPENEN EGAS SHALL BE PERMANENTLY OR TEMPORABLY PROTECTED FROM SOL EROSION FROM EROSION. TEMPORABLY PROTECTED FROM SOL EROSION FROM EROSION. TEMPORABLY DEVINING CONSTRUCTION DEWATERING SHALL BE FROM THAN WILL REMAIN UNDSTRUCTION DEWATERING SHALL BE FIL DISCHAREORD FROM THE SITE BURING CONSTRUCTION DEWATERING SHALL BE FIL STD HAVE WEET BASKETS TO COLLECT ANY SUT WHICH WAY FLOW INTO STRUCE PERMANENTLY STABLIZED. DISCHAREN BOTH STR. AND 67TH CT. INDEEN BOTH STR. AND 67TH CT. INDEEN BOTH STR. AND 67TH CT. DRAWN BY: SMALL BENGINGERTING LOC CONSTITUTING CIVIL Engineering LAND PLANNING CIVIL Engineering LAND PLANNING & STATE AROUT 126 TO SALE ROUTE 126 Plaunfield, Illinois 60544 SCALE: 1*=30' JOB NUMBER: SH DOB NUMBER: SH SAX 815-436-5138 SOLD - 20-2012 REVER SH DISCO State ROUTE 126 SH SH SH SH SH SH SH SH SH SH	ERECITED AND APPROVED BY THE VILLAGE OF DOWNERS GROVE FRIOR TO CONSTRUCTION. ERECITED AND APPROVED BY THE VILLAGE OF DOWNERS GROVE PRIOR TO CONSTRUCTION. NANCE AND INSPECTION OF DESCRIBED EROSION CONTROL MEASURES SHOWN ON THIS PLAN SHALL OF "PROCEDURES AND STANDARDS FOR URBAN SOIL EROSION AND SEDIMENTATION CONTROL IN W ER TO SHEET J FOR FURTHER SPECIFICATIONS AND DETAILS OF DESCRIBED EROSION CONTROL IN W LE IS TO REMAIN IN PLACE FOR WORE THAN THREE DAYS. THEN SEDIMENTATION AND EROSION CO R THE STOOKPULE.	



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