

DEMOLITION NOTES

- 1. THIS PLAN REFERENCES DOCUMENTS AND INFORMATION BY: 22630 DAVIS DRIVE, SUITE 200 STERLING, VIRGINIA 20164 ENTITLED "ALTA/ACSM LAND TITLE SURVEY, CHICK-FIL-A, INC. #10985, JOHNS HOPKINS ROAD, 5TH ELECTION DISTRICT, HOWARD COUNTY, MARYLAND" DATED: 7/21/06 PROJECT NO.: S065615.SR
2. BOHLER ENGINEERING, P.C. IS NOT RESPONSIBLE FOR JOB SITE SAFETY OR SUPERVISION.
3. ALL DEMOLITION ACTIVITIES ARE TO BE PERFORMED IN ACCORDANCE WITH THESE PLANS AND SPECIFICATIONS AS WELL AS ALL FEDERAL, STATE AND LOCAL REGULATIONS. ANY DISCREPANCIES OR DEVIATIONS SHALL BE IDENTIFIED BY THE CONTRACTOR TO BOHLER ENGINEERING, P.C. IN WRITING FOR RESOLUTION PRIOR TO INITIATION OF SITE ACTIVITY.
4. PRIOR TO STARTING ANY DEMOLITION CONTRACTOR IS RESPONSIBLE FOR/TO:
A. ENSURING THAT COPIES OF ALL APPLICABLE PERMITS AND APPROVALS ARE MAINTAINED ON SITE AND AVAILABLE FOR REVIEW.
B. INSTALLING THE REQUIRED SOIL EROSION AND SEDIMENT CONTROL AND/OR TREE PROTECTION MEASURES PRIOR TO SITE DISTURBANCE.
C. LOCATING (VERTICALLY AND HORIZONTALLY) ALL UTILITIES AND SERVICES, INCLUDING, BUT NOT LIMITED TO GAS, WATER, ELECTRIC, SANITARY AND STORM SEWER, TELEPHONE, CABLE, FIBER OPTIC CABLE, ETC. WITHIN THE LIMITS OF DISTURBANCE. THE CONTRACTOR SHALL USE AND COMPLY WITH THE REQUIREMENTS OF THE APPLICABLE UTILITY NOTIFICATION SYSTEM TO LOCATE ALL THE UNDERGROUND UTILITIES.
D. PROTECTING AND MAINTAINING IN OPERATION, ALL ACTIVE SYSTEM THAT ARE NOT BEING REMOVED DURING ALL DEMOLITION ACTIVITIES.
E. FAMILIARIZING THEMSELVES WITH THE APPLICABLE UTILITY SERVICE PROVIDER AND IS RESPONSIBLE FOR ALL COORDINATION REGARDING UTILITY DEMOLITION REQUIRED FOR THE PROJECT. THE CONTRACTOR SHALL PROVIDE THE OWNER WRITTEN NOTIFICATION THAT THE EXISTING UTILITIES AND SERVICES HAVE BEEN TERMINATED AND ABANDONED IN ACCORDANCE WITH JURISDICTION AND UTILITY COMPANY REQUIREMENTS.
F. COORDINATION WITH UTILITY COMPANIES REGARDING WORKING "OFF-PEAK" HOURS OR ON WEEKENDS AS MAY BE REQUIRED TO MINIMIZE THE IMPACT ON THE AFFECTED PARTIES.
G. A COMPLETE INSPECTION FOR CONTAMINANTS BY A LICENSED ENVIRONMENTAL TESTING AGENCY, OF ALL BUILDINGS AND/OR STRUCTURES TO BE REMOVED. SAME SHALL BE PERFORMED IN ACCORDANCE WITH ALL APPLICABLE LOCAL, STATE, AND FEDERAL ENVIRONMENTAL REGULATIONS. ANY/ALL CONTAMINANTS SHALL BE REMOVED AND DISPOSED OF BY A FEDERALLY LICENSED CONTRACTOR IN ACCORDANCE WITH FEDERAL, STATE, AND LOCAL REGULATIONS. ALL ENVIRONMENTAL WORK INCLUDING HAZARDOUS MATERIAL, SOILS, ASBESTOS, OR OTHER REFERENCED OR IMPLIED HEREIN IS THE SOLE RESPONSIBILITY OF THE OWNER'S ENVIRONMENTAL CONSULTANT.
5. BOHLER ENGINEERING, P.C. IS NOT RESPONSIBLE FOR JOB SITE SAFETY OR SUPERVISION. CONTRACTOR IS TO PROCEED WITH THE DEMOLITION IN A SYSTEMATIC AND SAFE MANNER, FOLLOWING ALL THE OSHA REQUIREMENTS, TO ENSURE PUBLIC AND CONTRACTOR SAFETY.
6. THE CONTRACTOR SHALL PROVIDE ALL THE "MEANS AND METHODS" NECESSARY TO PREVENT MOVEMENT, SETTLEMENT, OR COLLAPSE OF EXISTING STRUCTURES, AND ANY OTHER IMPROVEMENTS THAT ARE REMAINING ON OR OFF SITE. THE DEMOLITION CONTRACTOR IS RESPONSIBLE FOR ALL REPAIRS OF DAMAGE TO ALL ITEMS THAT ARE TO REMAIN AS A RESULT OF HIS ACTIVITIES. ALL REPAIRS SHALL USE NEW MATERIAL. THE REPAIRS SHALL RESTORE THE ITEM TO THE "PRE-DEMOLITION CONDITION.
7. IN THE ABSENCE OF SPECIFICATIONS, THE CONTRACTOR SHALL PERFORM EARTH MOVEMENT ACTIVITIES, DEMOLITION AND REMOVAL OF ALL FOUNDATION WALLS, FOOTINGS, AND OTHER MATERIALS WITHIN THE LIMITS OF DISTURBANCE IN ACCORDANCE WITH DIRECTION BY OWNER'S STRUCTURAL OR GEOTECHNICAL ENGINEER.
8. EXPLOSIVES SHALL NOT BE USED WITHOUT PRIOR WRITTEN CONSENT OF BOTH THE OWNER AND APPLICABLE GOVERNMENTAL AUTHORITIES. ALL THE REQUIRED PERMITS AND EXPLOSIVE CONTROL MEASURES THAT ARE REQUIRED BY THE FEDERAL, STATE, AND LOCAL GOVERNMENTS SHALL BE IN PLACE PRIOR TO STARTING AN EXPLOSIVE PROGRAM. THE CONTRACTOR IS ALSO RESPONSIBLE FOR ALL ENVIRONMENTAL WORK INCLUDING HAZARDOUS MATERIAL, SOILS, ASBESTOS, OR OTHER REFERENCED OR IMPLIED HEREIN IS THE SOLE RESPONSIBILITY OF THE OWNER'S ENVIRONMENTAL CONSULTANT.
9. CONTRACTOR SHALL PROVIDE TRAFFIC CONTROL AND GENERALLY ACCEPTED SAFE PRACTICES IN CONFORMANCE WITH: THE "MANUAL ON UNIFORM TRAFFIC CONTROL" AS WELL AS FEDERAL, STATE, AND LOCAL REGULATIONS WHEN DEMOLITION RELATED ACTIVITIES IMPACT ROADWAYS OR ROADWAY RIGHTS - OF - WAY.
10. CONDUCT DEMOLITION ACTIVITIES IN SUCH A MANNER TO ENSURE MINIMUM INTERFERENCE WITH ROADS, STREETS, SIDEWALKS, WALKWAYS, AND OTHER ADJACENT FACILITIES. STREET CLOSURE PERMITS MUST BE RECEIVED FROM THE APPROPRIATE GOVERNMENTAL AUTHORITY.
11. DEMOLITION ACTIVITIES AND EQUIPMENT SHALL NOT USE AREAS OUTSIDE THE DEFINED PROPERTY LINE WITHOUT WRITTEN PERMISSION OF THE APPLICABLE PROPERTY OWNER, AND/OR APPROPRIATE GOVERNMENT AGENCY.
12. USE DUST CONTROL MEASURES TO LIMIT AIRBORNE DUST AND DIRT RISING AND SCATTERING IN THE AIR IN ACCORDANCE WITH FEDERAL, STATE, AND/OR LOCAL STANDARDS. AFTER THE DEMOLITION IS COMPLETE, ADJACENT STRUCTURES AND IMPROVEMENTS SHALL BE CLEANED OF ALL DUST AND DEBRIS CAUSED BY THE DEMOLITION OPERATIONS.
13. THE CONTRACTOR IS RESPONSIBLE FOR RETURNING ALL ADJACENT AREAS TO THEIR "PRE-DEMOLITION" CONDITION. CONTRACTOR IS RESPONSIBLE TO SAFEGUARD SITE AS NECESSARY TO PERFORM THE DEMOLITION IN SUCH A MANNER AS TO PREVENT THE ENTRY OF UNAUTHORIZED PERSONS AT ANY TIME.
14. THIS DEMOLITION PLAN IS INTENDED TO IDENTIFY THOSE EXISTING ITEMS/CONDITIONS WHICH ARE TO BE REMOVED. IT IS NOT INTENDED TO PROVIDE DIRECTION OTHER THAN THAT ALL METHODS AND MEANS ARE TO BE IN ACCORDANCE WITH STATE, FEDERAL, LOCAL, AND JURISDICTIONAL REQUIREMENTS. THE CONTRACTOR SHALL BE RESPONSIBLE FOR ALL OSHA AND OTHER SAFETY PRECAUTIONS NECESSARY TO PROVIDE A SAFE WORK SITE.
15. DEBRIS SHALL NOT BE BURIED ON THE SUBJECT SITE. ALL DEMOLITION WASTES AND DEBRIS (SOLID WASTE) SHALL BE DISPOSED OF IN ACCORDANCE WITH ALL TOWN, COUNTY, STATE, AND FEDERAL LAWS AND APPLICABLE CODES.
16. LOCATION OF ALL UNDERGROUND UTILITIES ARE APPROXIMATE. ALL LOCATIONS AND SIZES ARE BASED ON UTILITY MARK OUTS, ABOVE GROUND STRUCTURES THAT WERE VISIBLE AND ACCESSIBLE IN THE FIELD AND THE MAPS AS LISTED IN THE REFERENCES AVAILABLE AT THE TIME OF THE SURVEY. AVAILABLE AS-BUILT PLANS AND UTILITY MARK OUTS DO NOT ENSURE MAPPING OF ALL UNDERGROUND UTILITIES AND STRUCTURES. BEFORE ANY EXCAVATIONS ARE TO BEGIN, ALL UNDERGROUND UTILITIES SHOULD BE VERIFIED AS TO THEIR LOCATIONS, SIZE AND TYPE BY THE PROPER UTILITY COMPANY AND OR CONTRACTOR.
17. THE COORDINATES SHOWN HEREON ARE BASED UPON THE HOWARD COUNTY GEODETIC CONTROL WHICH IS BASED UPON THE MARYLAND STATE PLAN COORDINATE SYSTEM. HOWARD COUNTY MONUMENT NOS. 41EC AND 41EA WERE USED FOR THIS PROJECT.
18. THERE IS NO 100-YEAR FLOOD PLAIN LOCATED ON SITE PER FEMA FIRM MAP 240044 0038 B DATED 12/4/86.
19. CONTRACTOR IS NOT TO REMOVE TREES FROM THE WOODED AREA THAT DO NOT RESIDE ON THE SUBJECT PROPERTY.

GENERAL NOTES: IT IS THE RESPONSIBILITY OF THE CONTRACTOR TO REVIEW ALL OF THE DRAWINGS AND SPECIFICATIONS ASSOCIATED WITH THIS PROJECT WORK SCOPE PRIOR TO THE INITIATION OF CONSTRUCTION. SHOULD THE CONTRACTOR FIND A CONFLICT WITH THE DOCUMENTS RELATIVE TO THE SPECIFICATIONS OR APPLICABLE CODES, IT IS THE CONTRACTOR'S RESPONSIBILITY TO NOTIFY BOHLER ENGINEERING, P.C. IN WRITING PRIOR TO THE START OF CONSTRUCTION. FAILURE BY THE CONTRACTOR TO NOTIFY BOHLER ENGINEERING, P.C. SHALL CONSTITUTE ACCEPTANCE OF FULL RESPONSIBILITY BY THE CONTRACTOR TO COMPLETE THE SCOPE OF THE WORK AS DEFINED BY THE DRAWINGS AND IN FULL CONFORMANCE WITH LOCAL REGULATIONS AND CODES.

SITE PLAN GENERAL NOTES

- 1. THIS PLAN IS BASED ON A SURVEY PREPARED BY: 22630 DAVIS DRIVE, SUITE 200 STERLING, VIRGINIA 20164 ENTITLED "ALTA/ACSM LAND TITLE SURVEY, CHICK-FIL-A, INC. #10985, JOHNS HOPKINS ROAD, 5TH ELECTION DISTRICT, HOWARD COUNTY, MARYLAND" DATED: 7/21/06 PROJECT NO.: S065615.SR
2. ALL ELEVATIONS SHOWN ARE BASED ON THE SURVEYOR'S BENCHMARK, AS REFERENCED IN THE SURVEY, AND MUST BE VERIFIED BY THE GENERAL CONTRACTOR PRIOR TO GROUND BREAK. CONTRACTOR IS RESPONSIBLE FOR OBTAINING THESE DOCUMENTS AND FAMILIARIZING HIMSELF WITH SAME FOR APPLICATION BOTH PRIOR TO AND DURING CONSTRUCTION.
3. APPLICANT: CHICK-FIL-A 5200 BUFFINGTON ROAD ATLANTA, GA 30349-2998 C/O SCOTT PATMAN PHONE: (404) 684-8660
4. OWNER: HOPKINS STATION GENERAL PARTNERSHIP C/O BRANTLY DEVELOPMENT GROUP 8835 COLUMBIA, 100 PARKWAY, SUITE P COLUMBIA, MD 21045 PHONE: (410) 730-0810
5. PARCEL DATA: TAX MAP: 41 GRID: 22 PARCEL: 425
6. BULK REQUIREMENTS:
SETBACKS:
JOHNS HOPKINS ROAD:
USE & STRUCTURE SETBACK 30' N/A 282.29'
PARKING SETBACK 10' N/A 185.63'
OLD COLUMBIA ROAD:
USE & STRUCTURE SETBACK 30' 5.5.53' 219.78
PARKING SETBACK 30' 30.40' N/A
WEST SIDE:
USE & STRUCTURE SETBACK 30' 239.61' 31.29'
PARKING SETBACK 30' 31.29' 31.29'
REAR:
USE & STRUCTURE SETBACK 30' 31.00' 95.43'
PARKING SETBACK 30' 31.00' 31.00'
ZONE: B-2 (BUSINESS GENERAL)
7. PARKING REQUIREMENTS:
REQUIRED:
BANK:
FIVE SPACES/1,000 S.F. OF FLOOR AREA
5 x (3,000 S.F./1,000 S.F.) = 15 SPACES
FAST FOOD RESTAURANT:
14 SPACES/1,000 S.F.
14 x (4,227 S.F./1,000 S.F.) = SPACES
MEDICAL BUILDING: (2 FLOORS @ 4,115 S.F. EACH)
(1ST FLOOR)
5 SPACES/1,000 S.F.
5 x (4,115 S.F./1,000 S.F.) = 21 SPACES
(2ND FLOOR)
5 SPACES/1,000 S.F.
5 x (4,115 S.F./1,000 S.F.) = 21 SPACES
TOTAL PARKING SPACES REQUIRED = 112 SPACES
TOTAL PARKING SPACES PROVIDED = 119 SPACES (INCLUDING 7 HANDICAP SPACES)
*THERE WILL BE NO BUSINESS OWNED VEHICLES PARKED ON SITE.
8. PRIOR TO STARTING CONSTRUCTION, THE CONTRACTOR SHALL ENSURE THAT ALL REQUIRED PERMITS AND APPROVALS HAVE BEEN OBTAINED. NO CONSTRUCTION OR FABRICATION SHALL BEGIN UNTIL THE CONTRACTOR HAS RECEIVED AND THOROUGHLY REVIEWED ALL PLANS AND OTHER DOCUMENTS BY ALL OF THE PERMITTING AUTHORITIES.
9. THE OWNER/CONTRACTOR SHALL BE FAMILIAR WITH AND RESPONSIBLE FOR ANY ALL CERTIFICATIONS, INSPECTIONS, ETC. REQUIRED BY ALL GOVERNING JURISDICTIONAL AGENCIES DURING AND AFTER CONSTRUCTION FOR SIGN-OFF AND CERTIFICATE OF OCCUPANCY ISSUANCE, INCLUDING BUT NOT LIMITED TO PROCUREMENT OF SERVICES, SCHEDULING OF FIELD OBSERVATIONS AND COORDINATION WITH REPRESENTATIVES OF THE APPROPRIATE PARTIES.
10. ALL WORK SHALL BE PERFORMED IN ACCORDANCE WITH THESE PLANS AND SPECIFICATIONS AND THE REQUIREMENTS AND STANDARDS OF THE LOCAL GOVERNING AUTHORITY.
11. THE GEOTECHNICAL REPORT AND RECOMMENDATIONS SET FORTH THEREIN ARE A PART OF THE REQUIRED CONSTRUCTION DOCUMENTS AND IN CASE OF CONFLICT SHALL TAKE PRECEDENCE UNLESS SPECIFICALLY NOTED OTHERWISE ON THE PLANS. THE CONTRACTOR SHALL NOTIFY BOHLER ENGINEERING, P.C. IN WRITING OF ANY SUCH DISCREPANCY BETWEEN GEOTECHNICAL REPORT AND PLANS, ETC.
12. THE PROPERTY SURVEY SHALL BE CONSIDERED A PART OF THESE PLANS.
13. THESE PLANS ARE BASED ON INFORMATION PROVIDED TO BOHLER ENGINEERING, P.C. AT THE TIME OF PLAN PREPARATION. CONTRACTOR SHALL FIELD VERIFY EXISTING CONDITIONS AND NOTIFY BOHLER ENGINEERING, P.C. IF ACTUAL SITE CONDITIONS DIFFER FROM THOSE SHOWN ON THE PLAN, OR IF THE PROPOSED WORK WOULD BE INHIBITED BY ANY OTHER SITE FEATURES. ALL DIMENSIONS SHOWN ON THE PLANS SHALL BE FIELD VERIFIED BY THE CONTRACTOR PRIOR TO CONSTRUCTION. CONTRACTOR SHALL NOTIFY BOHLER ENGINEERING, P.C. IN WRITING IF ANY DISCREPANCIES EXIST PRIOR TO PROCEEDING WITH CONSTRUCTION. NO EXTRA COMPENSATION SHALL BE PAID TO THE CONTRACTOR FOR WORK HAVING TO BE REDONE DUE TO DIMENSIONS OR GRADES SHOWN INCORRECTLY ON THESE PLANS IF SUCH NOTIFICATION HAS NOT BEEN GIVEN.
14. CONTRACTOR SHALL REFER TO THE ARCHITECTURAL/BUILDING PLANS FOR EXACT LOCATIONS AND DIMENSIONS OF ENTRY/EXIT POINTS, ELEVATIONS, PRECISE BUILDING DIMENSIONS, EXACT BUILDING UTILITY LOCATIONS.
15. DEBRIS SHALL NOT BE BURIED ON THE SUBJECT SITE AND ALL UNSUITABLE EXCAVATED MATERIAL AND DEBRIS (SOLID WASTE) SHALL BE DISPOSED OF IN ACCORDANCE WITH ALL TOWN, COUNTY, STATE AND FEDERAL LAWS AND APPLICABLE CODES.
16. CONTRACTOR IS RESPONSIBLE FOR ALL SHORING REQUIRED DURING EXCAVATION (TO BE PERFORMED IN ACCORDANCE WITH CURRENT OSHA STANDARDS) AND ANY ADDITIONAL PROVISIONS TO ASSURE STABILITY OF CONTIGUOUS STRUCTURES, AS FIELD CONDITIONS DICTATE.
17. CONTRACTOR IS TO EXERCISE EXTREME CARE WHEN PERFORMING ANY WORK ACTIVITIES ADJACENT TO PAVEMENT, STRUCTURES, ETC. TO REMAIN. CONTRACTOR SHALL BE RESPONSIBLE FOR TAKING THE APPROPRIATE MEASURES AS NECESSARY TO ENSURE THE STRUCTURAL STABILITY OF PAVEMENT, STRUCTURES, ETC. TO REMAIN, AND TO PROVIDE A SAFE WORK AREA.
18. CONTRACTOR IS RESPONSIBLE FOR DOCUMENTING ALL EXISTING DAMAGE AND FOR NOTIFYING CONSTRUCTION MANAGER PRIOR TO START OF CONSTRUCTION. CONTRACTOR IS RESPONSIBLE FOR REPAIRING THE DAMAGE DONE TO ANY EXISTING ITEM DURING CONSTRUCTION SUCH AS BUT NOT LIMITED TO DRAINAGE, UTILITIES, PAVEMENT, STRIPING, CURB, ETC. THE CONTRACTOR SHALL BE RESPONSIBLE FOR AND SHALL REPLACE ALL SIGNAL INTERCONNECT CABLE, CONDUITS, AND ANY UNDERGROUND ACCESSORY EQUIPMENT DAMAGED DURING CONSTRUCTION. REPAIR SHALL BE EQUAL TO OR BETTER THAN EXISTING CONDITIONS.
19. CONTRACTOR SHALL HAVE THE MINIMUM COMPRESSIVE STRENGTH AT 28 DAYS AS INDICATED IN SPECIFICATIONS UNLESS OTHERWISE NOTED ON THE PLANS, DETAILS AND/OR GEOTECHNICAL REPORT.
20. BOHLER ENGINEERING, P.C. IS NOT RESPONSIBLE FOR CONSTRUCTION METHODS/MEANS FOR COMPLETION OF THE WORK DEPICTED ON THESE PLANS NOR ANY CONFLICTS/SCOPE REVISIONS WHICH RESULT FROM SAME. CONTRACTOR IS RESPONSIBLE FOR DETERMINING METHODS/MEANS FOR COMPLETION OF THE WORK PRIOR TO THE COMMENCEMENT OF CONSTRUCTION AND NOTIFICATION OF OWNER AND BOHLER ENGINEERING, P.C. WHEN A CONFLICT IS IDENTIFIED.
21. BOHLER ENGINEERING, P.C. IS NOT RESPONSIBLE FOR JOB SITE SAFETY NOR HAVE THEY BEEN RETAINED FOR SUCH PURPOSES.

AS-BUILT CERTIFICATION

THERE IS NO "AS-BUILT" INFORMATION PROVIDED ON THIS SHEET.

MICHAEL D. ACCOCK, PROFESSIONAL LAND SURVEYOR MD REG. NO. 21287, EXPIRATION DATE 06/16/15



SITE PLAN GENERAL NOTES (CONTINUED)

- 23. ALL CONTRACTORS MUST CARRY STATUTORY WORKER'S COMPENSATION INSURANCE, EMPLOYER'S LIABILITY INSURANCE AND APPROPRIATE LIMITS OF COMMERCIAL GENERAL LIABILITY INSURANCE (CGL). ALL CONTRACTORS MUST HAVE THEIR CGL POLICIES ENDORSED TO NAME BOHLER ENGINEERING, P.C., AND ITS SUBCONSULTANTS AS ADDITIONAL INSURED AND TO PROVIDE OF CONSTRUCTION. IN ADDITION, ALL CONTRACTORS WILL, TO THE FULLEST EXTENT PERMITTED BY LAW, INDEMNIFY AND HOLD CONTRACTORS. ALL CONTRACTORS MUST FURNISH BOHLER ENGINEERING, P.C. WITH CERTIFICATIONS OF INSURANCE AS EVIDENCE OF THE REQUIRED INSURANCE PRIOR TO COMMENCING WORK AND UPON RENEWAL OF EACH POLICY DURING THE ENTIRE PROJECT CONTRACTUAL LIABILITY COVERAGE SUFFICIENT TO INSURE THE HOLD HARMLESS AND INDEMNITY OBLIGATIONS ASSUMED BY THE HARMLESS BOHLER ENGINEERING, P.C. AND ITS SUBCONSULTANTS FROM AND AGAINST ANY DAMAGES, LIABILITIES OR COSTS, INCLUDING REASONABLE ATTORNEYS' FEES AND DEFENSE COSTS, ARISING OUT OF OR IN ANY WAY CONNECTED WITH THE PROJECT, INCLUDING ALL CLAIMS BY EMPLOYEES OF THE CONTRACTORS.
24. NEITHER THE PROFESSIONAL ACTIVITIES OF BOHLER ENGINEERING, P.C. NOR THE PRESENCE OF BOHLER ENGINEERING, P.C. OR ITS EMPLOYEES AND SUBCONSULTANTS AT A CONSTRUCTION/PROJECT SITE, SHALL RELIEVE THE GENERAL CONTRACTOR OF ITS OBLIGATIONS, DUTIES AND RESPONSIBILITIES INCLUDING, BUT NOT LIMITED TO, CONSTRUCTION MEANS, METHODS, SEQUENCE, TECHNIQUES OR PROCEDURES NECESSARY FOR PERFORMING, SUPERINTENDING AND COORDINATING THE WORK IN ACCORDANCE WITH THE CONTRACT DOCUMENTS AND ANY HEALTH OR SAFETY PRECAUTIONS REQUIRED BY ANY REGULATORY AGENCIES. BOHLER ENGINEERING, P.C. AND ITS PERSONNEL HAVE NO AUTHORITY TO EXERCISE ANY CONTROL OVER ANY CONSTRUCTION CONTRACTOR OR ITS EMPLOYEES IN CONNECTION WITH THEIR WORK OR ANY HEALTH OR SAFETY PROGRAMS OR PROCEDURES. THE GENERAL CONTRACTOR SHALL BE SOLELY RESPONSIBLE FOR JOB SITE SAFETY. BOHLER ENGINEERING, P.C. SHALL BE INDEMNIFIED BY THE GENERAL CONTRACTOR AND SHALL BE MADE ADDITIONAL INSURED UNDER THE GENERAL CONTRACTOR'S POLICIES OF GENERAL LIABILITY INSURANCE.
25. BOHLER ENGINEERING, P.C. SHALL REVIEW AND APPROVE OR TAKE OTHER APPROPRIATE ACTION ON THE CONTRACTOR SUBMITTALS, SUCH AS SHOP DRAWINGS, PRODUCT DATA, SAMPLES, AND OTHER DATA, WHICH THE CONTRACTOR IS REQUIRED TO SUBMIT, BUT ONLY FOR THE LIMITED PURPOSE OF CHECKING FOR CONFORMANCE WITH THE DESIGN CONCEPT AND THE INFORMATION SHOWN IN THE CONSTRUCTION MEANS OR METHODS, COORDINATION OF THE WORK WITH OTHER TRADES, OR CONSTRUCTION SAFETY PRECAUTIONS, ALL OF WHICH ARE THE SOLE RESPONSIBILITY OF THE CONTRACTOR. BOHLER ENGINEERING'S REVIEW SHALL BE CONDUCTED WITH REASONABLE PROMPTNESS WHILE ALLOWING SUFFICIENT TIME TO PERMIT ADEQUATE REVIEW. REVIEW OF A SPECIFIC ITEM SHALL NOT INDICATE THAT BOHLER ENGINEERING, P.C. HAS REVIEWED THE ENTIRE ASSEMBLY OF WHICH THE ITEM IS A COMPONENT. BOHLER ENGINEERING, P.C. SHALL NOT BE RESPONSIBLE FOR ANY DEVIATIONS FROM THE CONSTRUCTION DOCUMENTS NOT BROUGHT TO THE ATTENTION OF BOHLER ENGINEERING, P.C. IN WRITING BY THE CONTRACTOR. BOHLER ENGINEERING, P.C. SHALL NOT BE REQUIRED TO REVIEW PARTIAL SUBMISSIONS OR THOSE FOR WHICH SUBMISSIONS OF CORRELATED ITEMS HAVE NOT BEEN RECEIVED.
26. IN AN EFFORT TO RESOLVE ANY CONFLICTS THAT ARISE DURING THE DESIGN AND CONSTRUCTION OF THE PROJECT OR FOLLOWING THE COMPLETION OF THE PROJECT, BOHLER ENGINEERING, P.C. AND THE CONTRACTOR MUST AGREE THAT ALL DISPUTES BETWEEN THEM ARISING OUT OF OR RELATING TO THIS AGREEMENT OR THE PROJECT SHALL BE SUBMITTED TO NONBINDING MEDIATION UNLESS THE PARTIES MUTUALLY AGREE OTHERWISE.
27. THE CONTRACTOR MUST INCLUDE A MEDIATION PROVISION IN ALL AGREEMENTS WITH INDEPENDENT SUBCONTRACTORS AND CONSULTANTS RETAINED FOR THE PROJECT AND TO REQUIRE ALL INDEPENDENT CONTRACTORS AND CONSULTANTS ALSO TO INCLUDE A SIMILAR MEDIATION PROVISION IN ALL AGREEMENTS WITH THEIR SUBCONTRACTORS, SUBCONSULTANTS, SUPPLIERS AND FABRICATORS, THEREBY PROVIDING FOR MEDIATION AS THE PRIMARY METHOD FOR DISPUTE RESOLUTION BETWEEN THE PARTIES TO ALL AGREEMENTS.
28. IF THE CONTRACTOR DEVIATES FROM THE PLANS AND SPECIFICATIONS, INCLUDING THE NOTES CONTAINED THEREON, WITHOUT FIRST OBTAINING PRIOR WRITTEN AUTHORIZATION FROM THE OWNER AND ENGINEER, IT SHALL BE RESPONSIBLE FOR THE PAYMENT OF ALL COSTS TO CORRECT ANY WORK DONE, ALL FINES OR PENALTIES ASSESSMENT WITH RESPECT THERETO AND ALL COMPENSATORY OR PUNITIVE DAMAGES RESULTING THEREFROM. THE CONTRACTOR SHALL INDEMNIFY AND HOLD THE OWNER AND ENGINEER HARMLESS FROM ALL SUCH COSTS TO CORRECT ANY SUCH WORK AND FROM ALL SUCH FINES AND PENALTIES, COMPENSATION AND PUNITIVE DAMAGES AND COSTS OF ANY NATURE RESULTING THEREFROM.

GRADING NOTES

- 1. LOCATION OF ALL EXISTING AND PROPOSED SERVICES ARE APPROXIMATE AND MUST BE CONFIRMED INDEPENDENTLY WITH LOCAL UTILITY COMPANIES PRIOR TO COMMENCEMENT OF ANY CONSTRUCTION OR EXCAVATION. SANITARY SEWER AND ALL OTHER UTILITY SERVICE CONNECTION POINTS SHALL BE CONFIRMED INDEPENDENTLY BY THE CONTRACTOR IN FIELD PRIOR TO THE COMMENCEMENT OF CONSTRUCTION. ALL DISCREPANCIES SHALL BE REPORTED IMMEDIATELY IN WRITING TO BOHLER ENGINEERING, P.C. CONSTRUCTION SHALL COMMENCE BEGINNING AT THE LOWEST INVERT (POINT OF CONNECTION) AND PROGRESS UP GRADIENT. ALL PROPOSED INTERFACE POINTS (CROSSINGS) WITH EXISTING UNDERGROUND UTILITIES SHALL BE FIELD VERIFIED BY TEST PIT PRIOR TO COMMENCEMENT OF CONSTRUCTION.
2. ALL UTILITIES AND SERVICES INCLUDING BUT NOT LIMITED TO GAS, WATER, ELECTRIC, SANITARY AND STORM SEWER, TELEPHONE, CABLE, FIBER OPTIC CABLE, ETC. WITHIN THE LIMITS OF DISTURBANCE SHALL BE VERTICALLY AND HORIZONTALLY LOCATED. THE CONTRACTOR SHALL USE AND COMPLY WITH THE REQUIREMENTS OF THE APPLICABLE UTILITY NOTIFICATION SYSTEM TO LOCATE ALL THE UNDERGROUND UTILITIES. THE CONTRACTOR IS RESPONSIBLE FOR REPAIRS OF DAMAGE TO ANY EXISTING UTILITIES DURING CONSTRUCTION AT NO COST TO THE OWNER.
3. IT IS THE RESPONSIBILITY OF THE CONTRACTOR TO REVIEW ALL OF THE DRAWINGS AND SPECIFICATIONS ASSOCIATED WITH THE PROJECT WORK SCOPE PRIOR TO THE INITIATION OF CONSTRUCTION. SHOULD THE CONTRACTOR FIND A CONFLICT WITH THE DOCUMENTS RELATIVE TO THE SPECIFICATIONS OR THE RELATIVE CODES, IT IS THE CONTRACTOR'S RESPONSIBILITY TO NOTIFY BOHLER ENGINEERING, P.C. OF RECORD IN WRITING PRIOR TO THE START OF CONSTRUCTION. FAILURE BY THE CONTRACTOR TO NOTIFY BOHLER ENGINEERING, P.C. SHALL CONSTITUTE ACCEPTANCE OF FULL RESPONSIBILITY BY THE CONTRACTOR TO COMPLETE THE SCOPE OF WORK AS DEFINED BY THE DRAWINGS AND IN FULL COMPLIANCE WITH LOCAL REGULATIONS AND CODES.
4. DEFINE AND LOCATE VERTICALLY AND HORIZONTALLY ALL ACTIVE UTILITY AND/OR SERVICE SYSTEMS THAT ARE TO BE REMOVED. THE CONTRACTOR IS RESPONSIBLE TO PROTECT AND MAINTAIN ALL ACTIVE SYSTEMS THAT ARE NOT BEING REMOVED/RELOCATED DURING SITE ACTIVITY.
5. THE CONTRACTOR SHALL FAMILIARIZE THEMSELVES WITH THE APPLICABLE UTILITY SERVICE PROVIDER REQUIREMENTS AND IS RESPONSIBLE FOR ALL COORDINATION REGARDING UTILITY DEMOLITION AS IDENTIFIED OR REQUIRED FOR PROJECT. THE CONTRACTOR SHALL NOTIFY THE OWNER WRITTEN NOTIFICATION THAT THE EXISTING UTILITIES AND SERVICES HAVE BEEN TERMINATED AND ABANDONED IN ACCORDANCE WITH JURISDICTION AND UTILITY COMPANY REQUIREMENTS.
6. CONTRACTOR IS RESPONSIBLE FOR COORDINATION OF SITE PLAN DOCUMENTS AND ARCHITECTURAL DESIGN FOR EXACT BUILDING UTILITY CONNECTION LOCATIONS, GREASE TRAP REQUIREMENTS/DETAILS, DOOR ACCESS, AND EXTERIOR GRADING. THE UTILITY SERVICE SIZES ARE TO BE DETERMINED BY THE ARCHITECT. THE CONTRACTOR SHALL COORDINATE INSTALLATION OF UTILITIES/SERVICES WITH THE INDIVIDUAL COMPANIES, TO AVOID CONFLICTS AND ENSURE PROPER DEPTHS ARE ACHIEVED. THE JURISDICTION UTILITY REQUIREMENTS SHALL ALSO BE MET, AS WELL AS COORDINATING THE UTILITY DEPTHS/CONNECTIONS PRIOR TO CONNECTING TO THE EXISTING UTILITY/SERVICE. WHERE CONFLICTS EXIST WITH THESE SITE PLANS, ENGINEER IS TO BE NOTIFIED PRIOR TO CONSTRUCTION TO RESOLVE SAME.
7. WATER SERVICE MATERIALS, BURIAL DEPTH, AND COVER REQUIREMENTS SHALL BE SPECIFIED BY THE LOCAL UTILITY COMPANY. CONTRACTOR'S PRICE FOR WATER SERVICE SHALL INCLUDE ALL FEES AND APPURTENANCES REQUIRED BY THE UTILITY TO PROVIDE A COMPLETE WORKING SERVICE.
8. ALL NEW UTILITIES/SERVICES, INCLUDING ELECTRIC, TELEPHONE, CABLE TV, ETC. ARE TO BE INSTALLED UNDERGROUND. ALL NEW UTILITIES/SERVICES SHALL BE INSTALLED IN ACCORDANCE WITH THE UTILITY/SERVICE PROVIDER INSTALLATION SPECIFICATIONS AND STANDARDS.

UTILITY NOTES

- 1. MAINTENANCE OF ALL STORMWATER MANAGEMENT FACILITIES NOT LOCATED WITHIN PUBLIC RIGHT-OF-WAY SHALL BE THE RESPONSIBILITY OF THE LOT OWNER. STORMWATER MANAGEMENT FACILITIES SHALL BE MAINTAINED IN DESIGN CONDITION AND FREE OF FILL AND OBSTRUCTIONS.
2. A MINIMUM VERTICAL SEPARATION OF 12" SHALL BE MAINTAINED BETWEEN SANITARY SEWER LINES AND STORM LINES OR WATER LINES. IF THIS MINIMUM CLEARANCE CANNOT BE MAINTAINED, A CONCRETE ENCASEMENT SHALL BE PROVIDED.
3. EXISTING UTILITIES HAVE BEEN SHOWN IN ACCORDANCE WITH THE BEST AVAILABLE INFORMATION. IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO VERIFY AND ALLOW FOR THEIR LOCATION. THE CONTRACTOR SHALL TAKE ALL NECESSARY PRECAUTIONS TO PROTECT THE EXISTING UTILITIES AND MAINTAIN UNINTERRUPTED SERVICE. ANY DAMAGE DONE DUE TO HIS NEGLIGENCE SHALL BE IMMEDIATELY AND COMPLETELY REPAIRED AT HIS EXPENSE.
4. ALL EXCAVATIONS THAT ARE DEEPER THAN 5 FEET SHOULD BE PROPERLY SLOPED OR OTHERWISE STRUCTURALLY RETAINED TO PROVIDED STABLE AND SAFE WORKING CONDITIONS. OCCUPATIONAL SAFETY AND HEALTH ADMINISTRATION (OSHA) REQUIREMENTS CALL FOR MINIMUM SLOPES OF 1H:1V. OSHA REQUIREMENTS MUST BE FOLLOWED AND ADEQUATE PROTECTION PROVIDED FOR WORKERS.

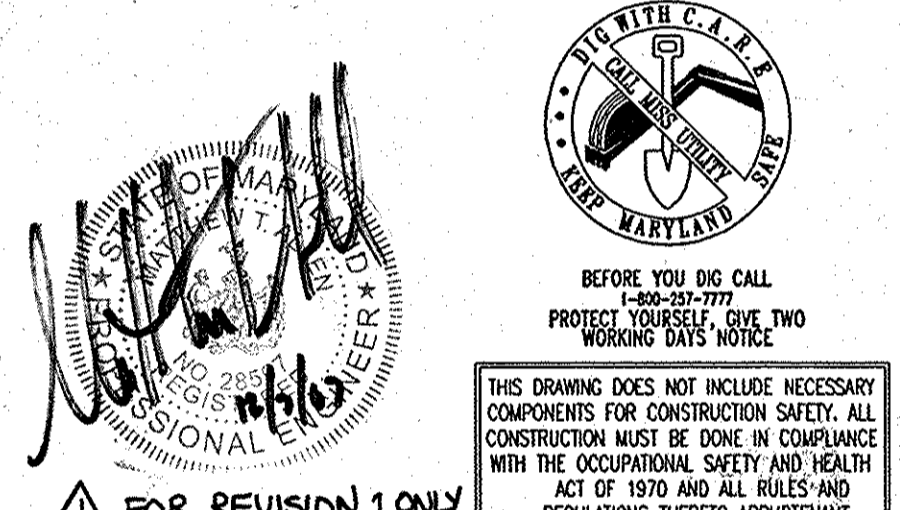
UTILITY NOTES (CONTINUED)

- 5. ANY SEDIMENT CONTROL MEASURES REMOVED FOR THE PURPOSE OF UTILITY CONSTRUCTION SHALL BE REPLACED AT THE END OF THE DAY BY THE UTILITY CONTRACTOR.
6. ALL STORM DRAIN, WATER, SEWER AND PRODUCT PIPING UTILITIES SHALL BE INSTALLED IN ACCORDANCE WITH THE LATEST EDITION OF THE HOWARD COUNTY STANDARDS AND SPECIFICATIONS FOR UTILITY CONSTRUCTION.
7. SANITARY CLEANOUT TOPS TO BE ADJUSTED TO MATCH CROSS-PITCH AND SLOPE OF PROPOSED GRADES. CLEANOUT TOPS TO BE IDENTIFIED AS SANITARY CLEANOUTS, THREADED, AND CONTAIN COUNTERSUNK PLUGS.
8. WATER SERVICES SHALL HAVE A MINIMUM 3.5 FOOT COVER OVER CROWN OF PIPE.
9. WATER SERVICE SHALL BE TYPE "K" COPPER TUBING. SANITARY SEWER PIPE SHALL BE SDR 35 PVC. CERTAIN SECTIONS OF THE SERVICES REQUIRE SPECIAL PIPE TYPES WHICH ARE NOTED ON THE PLAN.
10. WATER AND SEWER SERVICES SHALL BE COORDINATED WITH THE BUILDING CONTRACTOR FOR HORIZONTAL AND VERTICAL ALIGNMENT AND CONNECTIONS.

GRADING NOTES (CONTINUED)

- 9. SITE GRADING SHALL BE PERFORMED IN ACCORDANCE WITH THESE PLANS AND SPECIFICATIONS AND THE RECOMMENDATIONS SET FORTH IN THE GEOTECHNICAL REPORT COMPLETED BY GILES ENGINEERING ASSOCIATES, INC. ENTITLED "PROPOSED CHICK-FIL-A RESTAURANT 10985 JOHNS HOPKINS ROAD, COLUMBIA, MARYLAND, PROJECT #36-0680004, DATED 9/13/06. THE CONTRACTOR SHALL BE RESPONSIBLE FOR REMOVING AND REPLACING WITH SUITABLE MATERIALS AS SPECIFIED IN THE GEOTECHNICAL REPORT. ALL EXCAVATED OR FILLED AREAS SHALL BE COMPACTED AS OUTLINED IN THE GEOTECHNICAL REPORT. MOISTURE CONTENT AT TIME OF PLACEMENT SHALL BE SUBMITTED IN COMPACTION REPORT PREPARED BY A QUALIFIED GEOTECHNICAL ENGINEER, REGISTERED WITH THE STATE WHERE THE WORK IS PERFORMED, VERIFYING THAT ALL FILLED AREAS AND SUBGRADE AREAS WITHIN THE BUILDING PAD AREA AND AREAS TO BE PAVED HAVE BEEN COMPACTED IN ACCORDANCE WITH THESE PLANS AND SPECIFICATIONS AND THE RECOMMENDATIONS SET FORTH IN THE GEOTECHNICAL REPORT. SUBBASE MATERIAL FOR SIDEWALKS, CURB, OR ASPHALT SHALL BE FREE OF ORGANICS AND OTHER UNSUITABLE MATERIALS. SHOULD SUBBASE BE DEEMED UNSUITABLE BY OWNER OR OWNER'S REPRESENTATIVE, SUBBASE IS TO BE REMOVED AND FILLED WITH APPROVED FILL MATERIAL COMPACTED AS DIRECTED BY THE GEOTECHNICAL REPORT.
10. ALL FILL, COMPACTION, AND BACKFILL MATERIALS REQUIRED FOR UTILITY INSTALLATION SHALL BE AS PER THE RECOMMENDATIONS PROVIDED IN THE GEOTECHNICAL REPORT AND SHALL BE COORDINATED WITH THE APPLICABLE UTILITY COMPANY SPECIFICATIONS.
11. THE CONTRACTOR SHALL COMPLY TO THE FULLEST EXTENT WITH THE LATEST OSHA STANDARDS AND REGULATIONS, OR ANY OTHER AGENCY HAVING JURISDICTION FOR EXCAVATION AND TRENCHING PROCEDURES. THE CONTRACTOR IS RESPONSIBLE FOR DETERMINING THE "MEANS AND METHODS" REQUIRED TO MEET THE INTENT AND PERFORMANCE CRITERIA OF OSHA, AS WELL AS ANY OTHER ENTITY THAT HAS JURISDICTION FOR EXCAVATION AND/OR TRENCHING PROCEDURES.
12. PAVEMENT SHALL BE SAW CUT IN STRAIGHT LINES TO THE FULL DEPTH OF THE EXISTING PAVEMENT. ALL DEBRIS FROM REMOVAL OPERATIONS SHALL BE REMOVED FROM THE SITE AT THE TIME OF EXCAVATION. STOCKPILING OF DEBRIS WILL NOT BE PERMITTED.
13. THE TOPS OF EXISTING MANHOLES, INLET STRUCTURES, AND SANITARY CLEANOUT TOPS SHALL BE ADJUSTED, IF REQUIRED, TO MATCH PROPOSED GRADES IN ACCORDANCE WITH ALL APPLICABLE STANDARDS.
14. THE CONTRACTOR IS RESPONSIBLE FOR VERIFICATION OF EXISTING TOPOGRAPHIC INFORMATION AND UTILITY INVERT ELEVATIONS PRIOR TO COMMENCEMENT OF ANY CONSTRUCTION. CONTRACTOR TO ENSURE 0.75 % MINIMUM SLOPE ALONG ALL ISLANDS, GUTTERS, AND CURBS; 1.0 % ON ALL CONCRETE SURFACES; AND 1.5 % MINIMUM ON ASPHALT, TO PREVENT PONDING. ANY DISCREPANCIES THAT MAY AFFECT THE PUBLIC SAFETY OR PROJECT COST MUST BE IDENTIFIED TO BOHLER ENGINEERING, P.C. IN WRITING IMMEDIATELY, PRECEEDING WITH CONSTRUCTION WITHOUT NOTIFICATION IS DONE SO AT THE CONTRACTOR'S OWN RISK.
15. PROPOSED TOP OF CURB ELEVATIONS ARE GENERALLY 6" ABOVE EXISTING LOCAL ASPHALT GRADE UNLESS OTHERWISE NOTED. FIELD ADJUST TO CREATE A MINIMUM OF 0.75 CURBING CUT SHEETS PRIOR TO INSTALLATION.
16. REFER TO SITE PLAN FOR ADDITIONAL NOTES.
17. IN CASE OF DISCREPANCIES BETWEEN PLANS OR RELATIVE TO OTHER PLANS, THE SITE PLAN WILL TAKE PRECEDENCE. IMMEDIATELY NOTIFY BOHLER ENGINEERING, P.C. IN WRITING OF ANY CONFLICTS.
18. CONTRACTOR SHALL BE REQUIRED TO SECURE ALL NECESSARY PERMITS AND APPROVALS FOR ALL OFF-SITE MATERIAL SOURCES AND DISPOSAL FACILITIES. CONTRACTOR SHALL SUPPLY A COPY OF APPROVALS TO ENGINEER AND OWNER PRIOR TO INITIATING WORK.
19. A KNOX BOX (FIRE DEPARTMENT ACCESS BOX) IS REQUIRED TO BE PLACED ON THE FRONT OF THE BUILDING. IT SHALL BE PLACED TO THE RIGHT OF THE MAIN ENTRANCE AT A RANGE OF 4'-5" IN HEIGHT AND NO MORE THEN 6' LATERALLY FROM THE DOOR. THE BOX SHALL BE ELECTRONICALLY SUPERVISED TO NOTIFY THE OWNER THAT IT IS BEING ACCESSED (INTEGRATED WITH THE FIRE ALARM SYSTEM NFPA-1 10.12.1)

MISS UTILITY



AS-BUILT

APPROVED: DEPARTMENT OF PLANNING AND ZONING
APPROVED: FOR PUBLIC WATER AND PUBLIC SEWERAGE SYSTEMS.
APPROVED: COUNTY HEALTH OFFICER

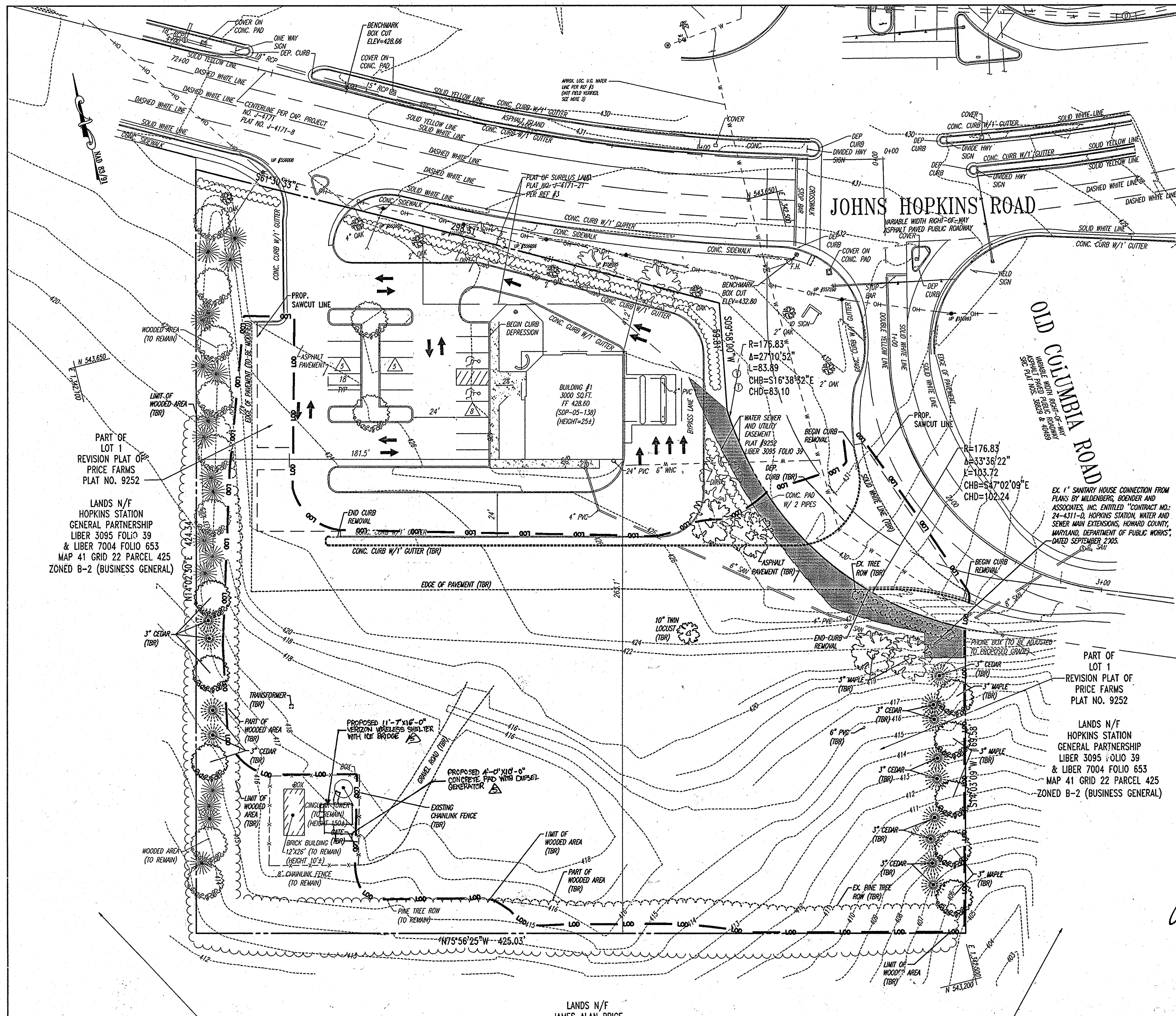
Table with columns: NO., DATE, REVISION DESCRIPTION. Includes entries for parking calculations, site area, and retail building area.

OWNER: HOPKINS STATION GENERAL PARTNERSHIP C/O BRANTLY DEVELOPMENT GROUP 8835 COLUMBIA, 100 PARKWAY, SUITE P COLUMBIA, MD 21045 PHONE: (410) 730-0810
DEVELOPER: CHICK-FIL-A 5200 BUFFINGTON ROAD ATLANTA, GA 30349-2998 C/O SCOTT PATMAN PHONE: (404) 684-8660

GENERAL NOTES

Bohler Engineering, P.C.
Professional Engineering Services
810 Glenmeades Court, Suite 300, Towson, MD 21286
(410) 571-7800 Fax (410) 571-7801

REVISIONS: 12/15/08
DESIGNED BY: JD
DRAWN BY: RLB
PROJECT NO.: M056502.1
DATE: 9/28/06
SCALE: AS SHOWN
DRAWING NO. 2 OF 28



NOTES:

1. PROPERTY IS KNOWN AS LOT 1, "REVISION PLAT OF PRICE FARMS" AS RECORDED ON PLAT NUMBER 9252, ALSO KNOWN AS THE LANDS OF HOPKINS STATION GENERAL PARTNERSHIP, AS RECORDED IN LIBER 3095 FOLIO 39, AND IN LIBER 7004 FOLIO 653 AMONG THE LAND RECORDS OF HOWARD COUNTY, MARYLAND AND HAVING A TAX MAP NUMBER OF 41-22-425.
2. TOTAL SITE AREA 156,380 SQUARE FEET OR 3.59 ACRES±.
3. LOCATION OF ALL UNDERGROUND UTILITIES ARE APPROXIMATE.
4. ALL LOCATIONS AND SIZES ARE BASED ON UTILITY MARK-OUTS, ABOVE GROUND STRUCTURES THAT WERE VISIBLE & ACCESSIBLE IN THE FIELD, AND THE MAPS AS LISTED IN THE REFERENCES AVAILABLE AT THE TIME OF THE SURVEY. AVAILABLE ASBUILT PLANS AND UTILITY MARK-OUT DOES NOT ENSURE MAPPING OF ALL UNDERGROUND UTILITIES AND STRUCTURES. BEFORE ANY EXCAVATION IS TO BEGIN, ALL UNDERGROUND UTILITIES SHOULD BE VERIFIED AS TO THEIR LOCATION, SIZE AND TYPE BY THE PROPER UTILITY COMPANIES.
5. THIS PLAN IS BASED ON INFORMATION PROVIDED BY A SURVEY PREPARED IN THE FIELD BY CONTROL POINT ASSOCIATES, INC. AND OTHER REFERENCE MATERIAL AS LISTED HEREON.
6. THIS SURVEY IS PREPARED WITH REFERENCE TO A TITLE COMMITMENT REPORT PREPARED BY CHICAGO TITLE INSURANCE COMPANY, COMMITMENT NUMBER 4505-44213, EFFECTIVE DATE OCTOBER 23, 2005, AND REVISED DECEMBER 7, 2005. OUR OFFICE HAS REVIEWED THE FOLLOWING SURVEY RELATED EXCEPTIONS IN SCHEDULE B, SECTION II:
7. THE EXISTENCE OF UNDERGROUND STORAGE TANKS, IF ANY, WAS NOT KNOWN AT THE TIME OF THE FIELD SURVEY.
8. ELEVATIONS ARE BASED ON NVD029 AS REFERENCED TO WSSC STATION 19790 WITH A PUBLISHED ELEVATION OF 445.5 FEET. EXISTING TOPOGRAPHY OF THE SWALE SHOWN IN 2 FOOT INTERVALS ARE FROM PLANS BY MILDBERG, BOENDER AND ASSOCIATES, INC. TITLED "SITE DEVELOPMENT PLAN, HOPKINS STATION (PRICE FARMS, LOT 1) FIFTH ELECTION DISTRICT, HOWARD COUNTY, MARYLAND" DATED JANUARY 2006, SDP-05-138.
9. THE PROPERTY IS LOCATED IN ZONE C (AREAS OF MINIMAL FLOODING) PER PLAN REFERENCE #2.
10. WATER UTILITIES ARE SHOWN PER FIELD LOCATION OF ABOVE GROUND STRUCTURES AND PLANS RECEIVED FROM UTILITY COMPANIES AND LOCAL GOVERNMENT OFFICES.
11. ALL MATTERS SHOWN ON LEGIBLE RECORDED PLATS THAT ARE WITHIN THE LIMITS OF THIS SURVEY ARE SHOWN.

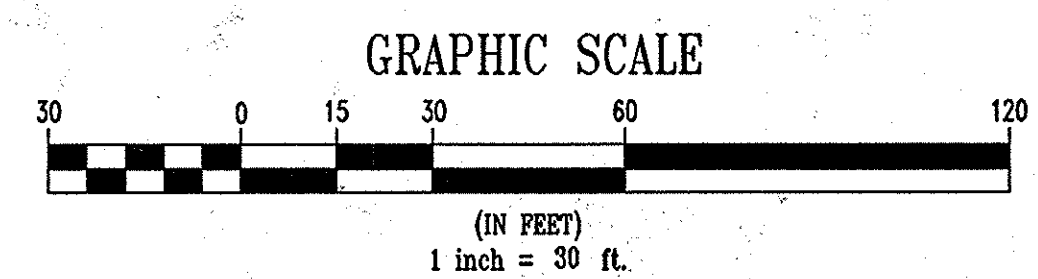
REFERENCES:

1. THE MARYLAND DEPARTMENT OF ASSESSMENTS AND TAXATION RECORDS FOR HOWARD COUNTY, MARYLAND, MAP NUMBER 41.
2. MAP ENTITLED "FIRM, FLOOD INSURANCE RATE MAP, HOWARD COUNTY, MARYLAND, PANEL 38 OF 45", COMMUNITY-PANEL NUMBER 240044 0038 B, MAP EFFECTIVE DATE DECEMBER 4, 1986.
3. MAP ENTITLED "HOPKINS STATION, 5TH ELECTION DISTRICT, HOWARD COUNTY, MARYLAND," DATED SEPTEMBER 2005, PREPARED BY MILDBERG, BOENDER AND ASSOCIATES, INC.
4. MAP ENTITLED "REVISION PLAT OF PRICE FARMS, LOT 1" DATED FEBRUARY 12, 1990, PREPARED BY TRACY, SCHULTE & ASSOCIATES, INC.
5. REPORT ENTITLED "DEVELOPMENT INVESTIGATION REPORT FOR CHICK-FIL-A" PREPARED BY BOHLER ENGINEERING, P.C. DATED NOVEMBER 2005.

SEE SHEET 2 FOR ADDITIONAL NOTES

GENERAL NOTE:
IT IS THE RESPONSIBILITY OF THE CONTRACTOR TO REVIEW ALL OF THE DRAWINGS AND SPECIFICATIONS ASSOCIATED WITH THIS PROJECT WORK SCOPE PRIOR TO THE INITIATION OF CONSTRUCTION. SHOULD THE CONTRACTOR FIND A CONFLICT WITH THE DOCUMENTS RELATIVE TO THE SPECIFICATIONS OR APPLICABLE CODES, IT IS THE CONTRACTOR'S RESPONSIBILITY TO NOTIFY BOHLER ENGINEERING, P.C. IN WRITING PRIOR TO THE START OF CONSTRUCTION. FAILURE BY THE CONTRACTOR TO NOTIFY BOHLER ENGINEERING, P.C. SHALL CONSTITUTE ACCEPTANCE OF FULL RESPONSIBILITY BY THE CONTRACTOR TO COMPLETE THE SCOPE OF THE WORK AS DEFINED BY THE DRAWINGS AND IN FULL CONFORMANCE WITH LOCAL REGULATIONS AND CODES.

LANDS N/F
JAMES ALAN PRICE
LIBER 5359 FOLIO 489
JAMES ALAN PRICE, TR., OF THE MILDRED B. PRICE
FAMILY LIVING TRUST
LIBER 5359 FOLIO 486
MAP 41 GRID 22 PARCEL 128
ZONED RR-MXD-3 (RESIDENTIAL)



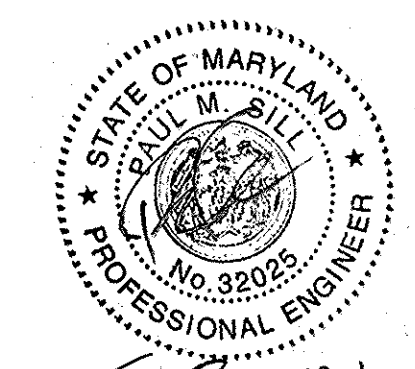
FOR REVISION 5 ONLY
Professional Certification. I hereby certify that these documents were prepared or approved by me, and that I am a duly licensed professional engineer under the laws of the State of Maryland.
License No. 33712, Expiration Date: 6-16-15

AS-BUILT CERTIFICATION
THERE IS NO "AS-BUILT" INFORMATION PROVIDED ON THIS SHEET.

Michael D. Adcock, Professional Land Surveyor
MD REG. NO. 12127, EXPIRATION DATE: 06-16-15



Matthew T. Allen
DATE: 9/28/06



Peter R. Bileman
DATE: 8/2/07

AS-BUILT

APPROVED: DEPARTMENT OF PLANNING AND ZONING
Chris Downum 7/19/07
 CHIEF-DEVELOPMENT ENGINEERING DIVISION DATE
Chris Handa 5/3/07
 CHIEF-DIVISION & LAND DEVELOPMENT DATE
Mark S. Eagle 9/2/05
 DIRECTOR DATE

APPROVED: FOR PUBLIC WATER AND PUBLIC SEWERAGE SYSTEMS.
B. Debra P. Peter Bileman 8/2/07
 COUNTY HEALTH OFFICER DATE
 HOWARD COUNTY HEALTH DEPARTMENT

| NO. | DATE | REVISION DESCRIPTION |
|-----|---------|----------------------------|
| 1 | 7/23/13 | PROPOSED REVISION LOCATION |

OWNER: HOPKINS STATION GENERAL PARTNERSHIP
 C/O BRANTLY DEVELOPMENT GROUP
 8835 COLUMBIA
 100 PARKWAY, SUITE P
 COLUMBIA, MD 21045
 PHONE: (410) 730-0810

DEVELOPER: CHICK-FIL-A
 5200 BUFFINGTON ROAD
 ATLANTA, GA 30349-2998
 C/O SCOTT PATMAN
 PHONE: (404) 684-8660

CHICK-FIL-A RESTAURANT & MEDICAL BUILDING
 PART OF LOT 1, HOPKINS STATION (FORMER PRICE FARMS, LOT 1)
 JOHNS HOPKINS ROAD
 LAUREL, HOWARD COUNTY, MARYLAND

AREA 3.59 AC. TAX MAP 41 GRID 22 ZONED B-2
 PARCEL 425 L. 3,095, F. 39 & L. 7004, F. 653
 5TH ELECTION DISTRICT, HOWARD COUNTY, MARYLAND

EXISTING CONDITIONS AND DEMOLITION PLAN

BOHLER ENGINEERING, P.C.

PROFESSIONAL ENGINEERING SERVICES
 8110 GLENMOUNT COURT, SUITE 300, TOWSON, MD 21286
 410-251-7777 FAX: 410-251-7781 | bohlereng.com

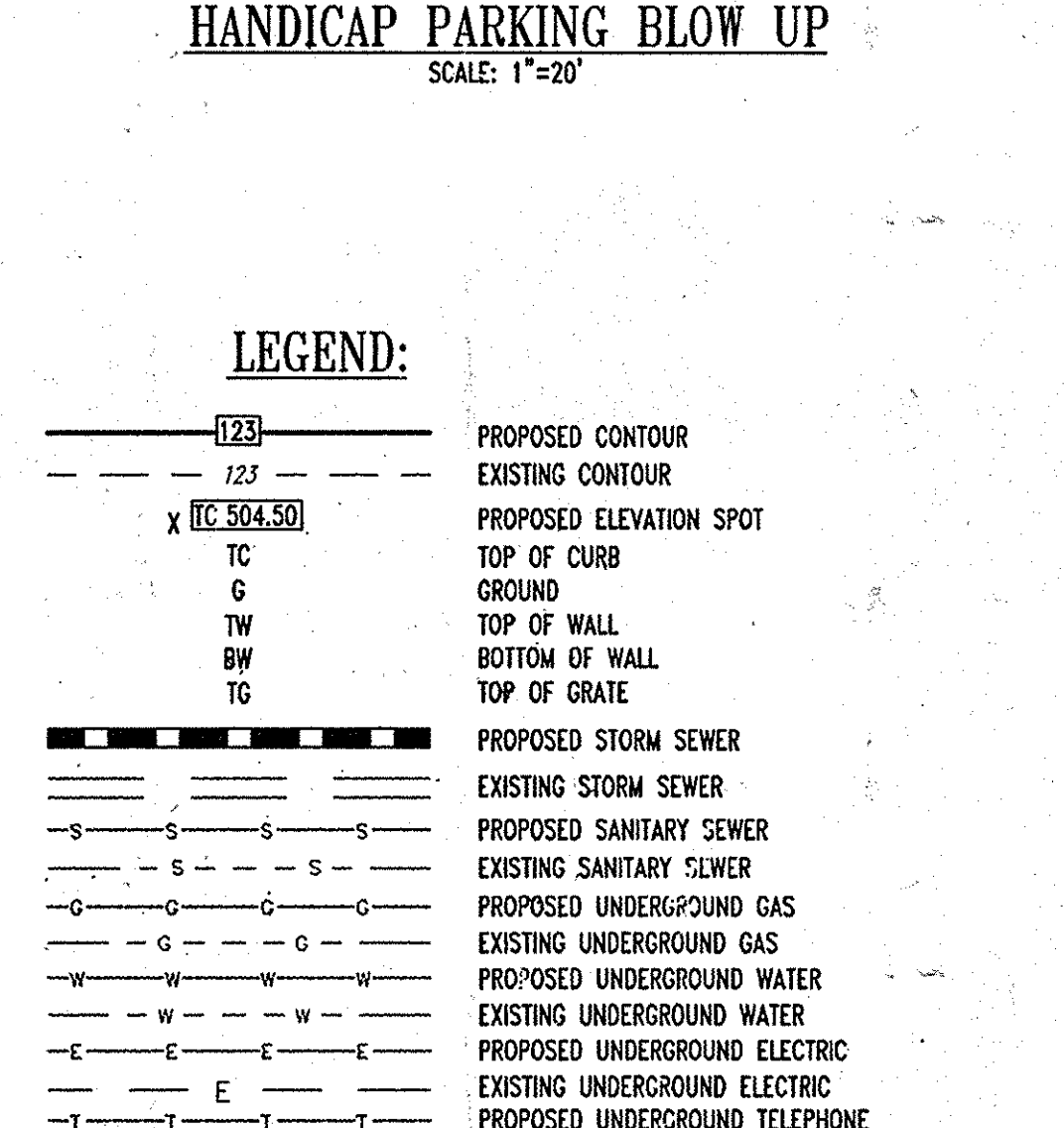
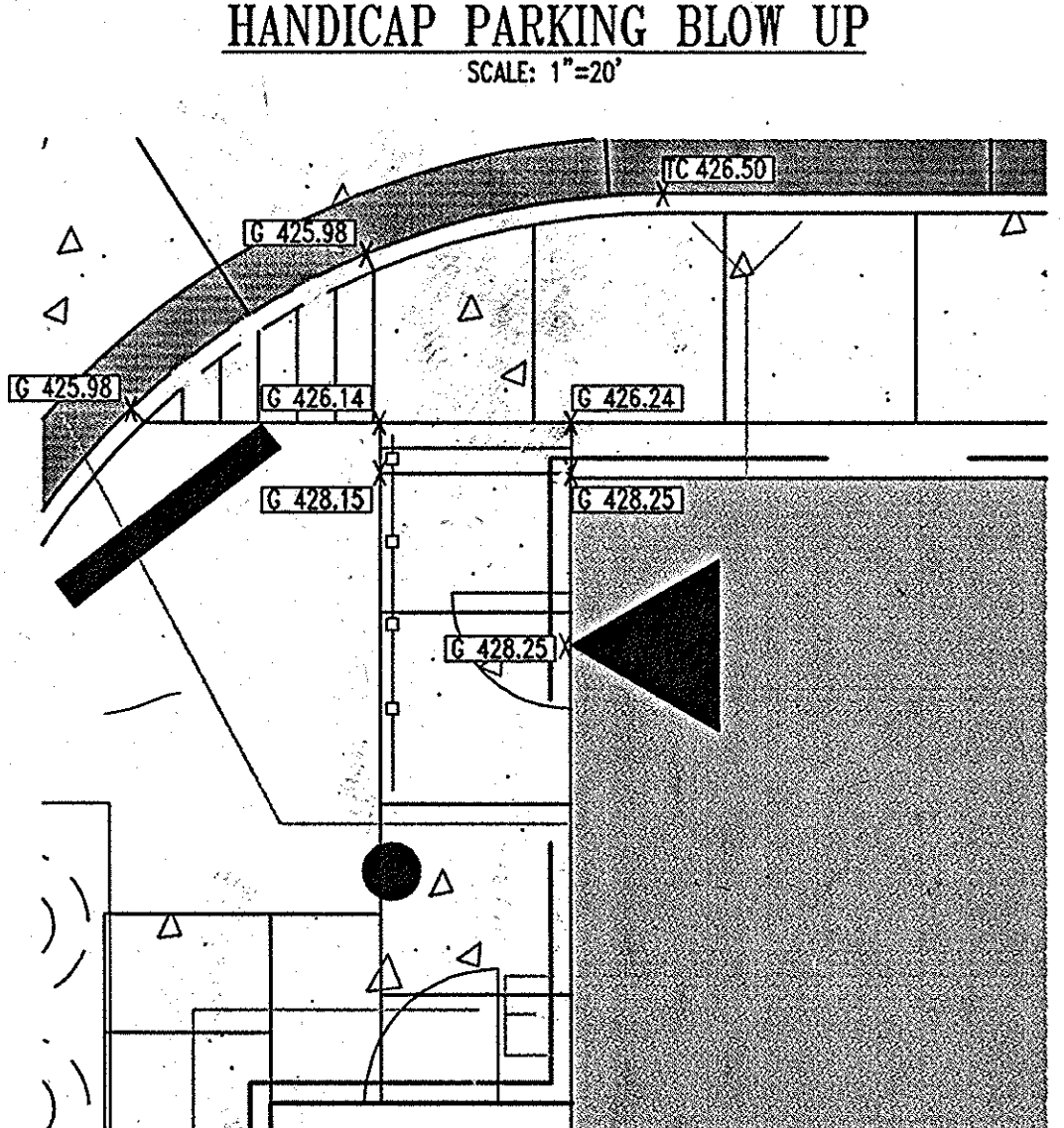
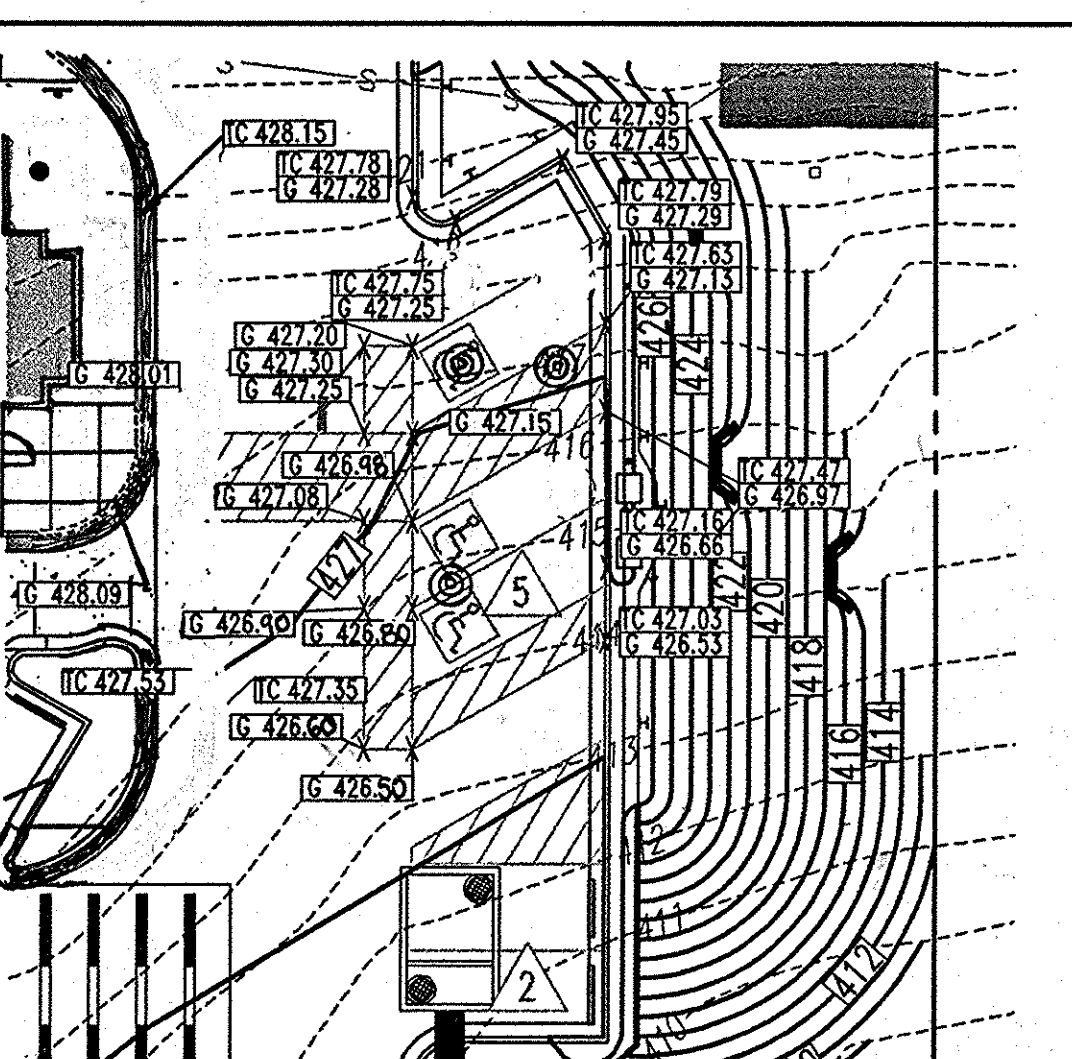
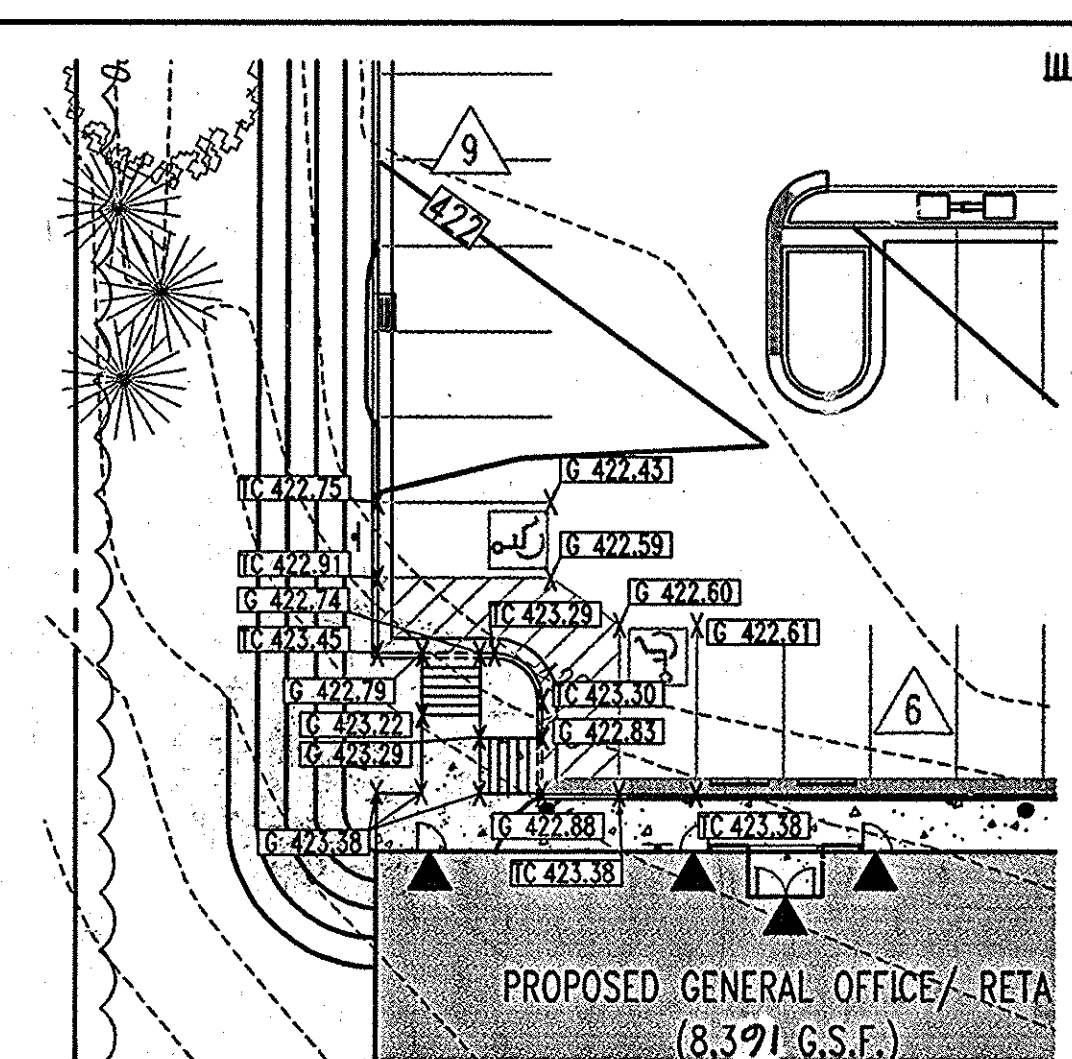
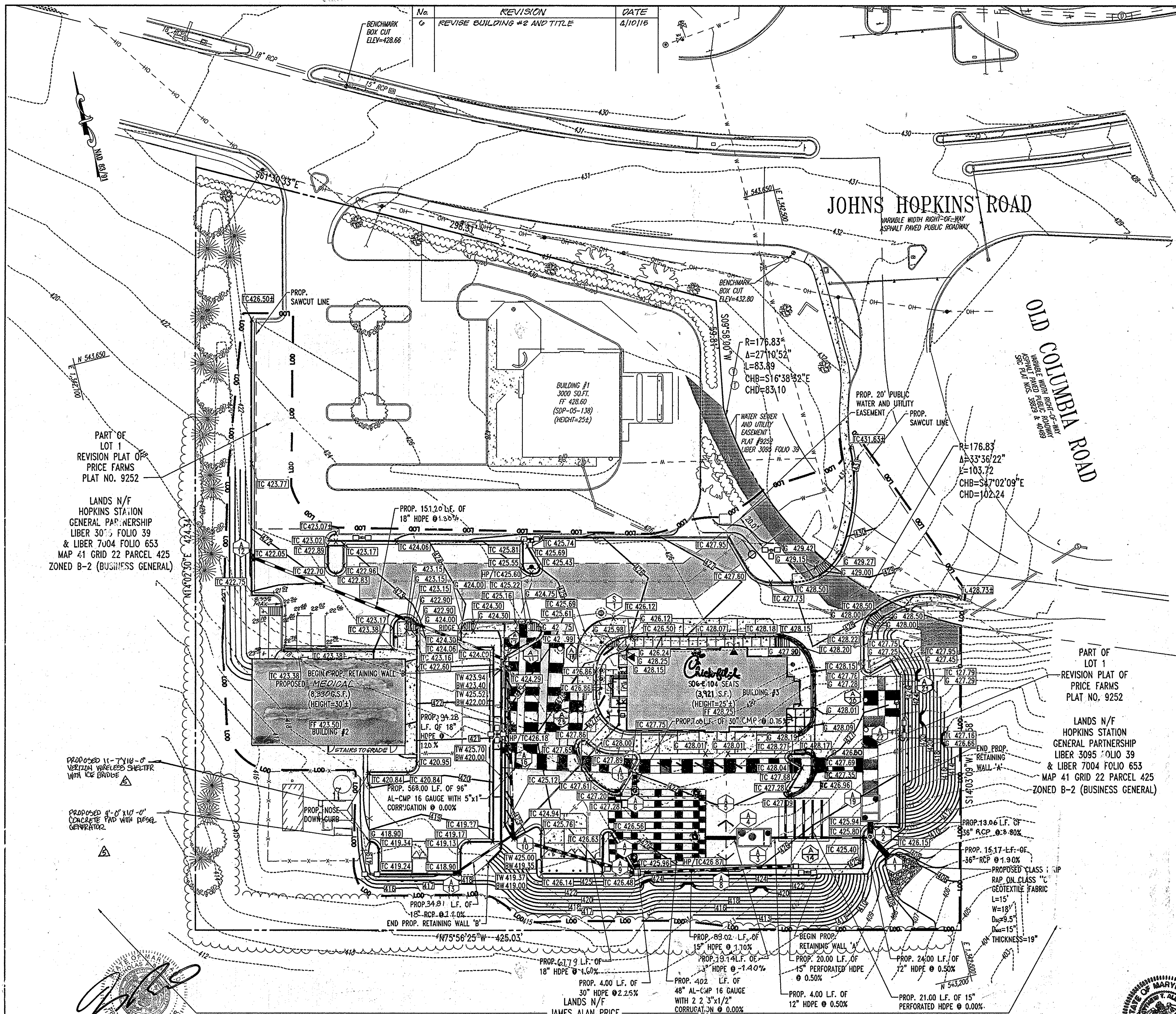
DESIGNED BY: JD
 DRAWN BY: RLB
 PROJECT NO.: MD05602.1
 DATE: 9/28/06
 SCALE: 1"=30'
 DRAWING NO. 3 OF 28
 PROFESSIONAL ENGINEER NO. 28567

REVISIONS: 12/15/06

BEFORE YOU DO CALL PROTECT YOURSELF. ONE TWO WORKING DAYS NOTICE

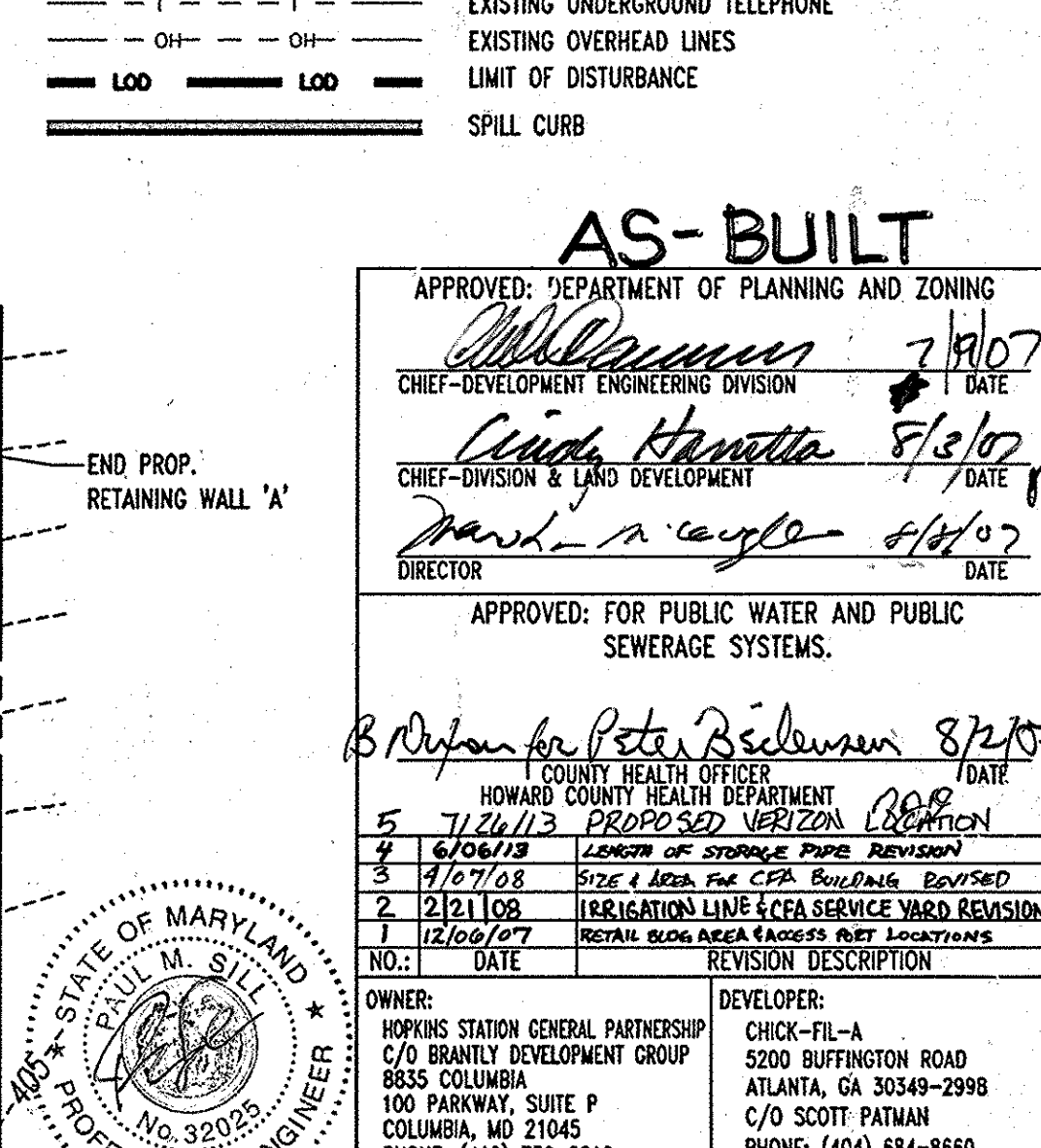
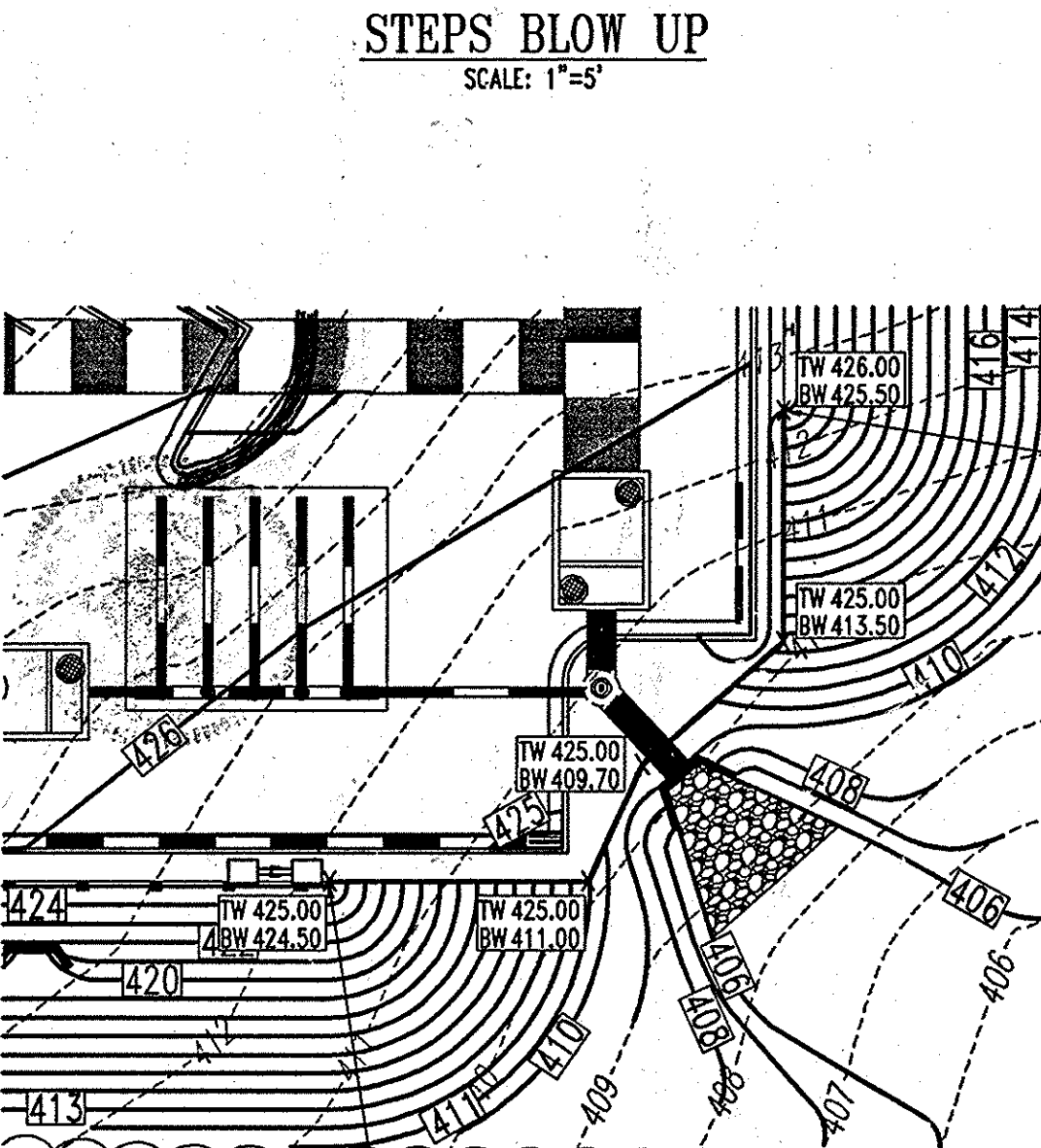
THIS DRAWING DOES NOT INCLUDE NECESSARY COMPONENTS FOR CONSTRUCTION SAFETY. ALL CONSTRUCTION MUST BE DONE IN COMPLIANCE WITH THE OCCUPATIONAL SAFETY AND HEALTH ACT OF 1970 AND ALL RULES AND REGULATIONS THEREOF APPLICABLE.

THE CONTRACTOR TO CALL MISS UTILITY TO HAVE ALL EXISTING UTILITIES MARKED 48 HOURS PRIOR TO ANY CONSTRUCTION.



LEGEND:

| | |
|---------------|--------------------------------|
| 123 | PROPOSED CONTOUR |
| 123 | EXISTING CONTOUR |
| x [TC 504.50] | PROPOSED ELEVATION SPOT |
| TC | TOP OF CURB |
| G | GROUND |
| TW | TOP OF WALL |
| BW | BOTTOM OF WALL |
| TG | TOP OF GRATE |
| --- | PROPOSED STORM SEWER |
| --- | EXISTING STORM SEWER |
| --- | PROPOSED SANITARY SEWER |
| --- | EXISTING SANITARY SEWER |
| --- | PROPOSED UNDERGROUND GAS |
| --- | EXISTING UNDERGROUND GAS |
| --- | PROPOSED UNDERGROUND WATER |
| --- | EXISTING UNDERGROUND WATER |
| --- | PROPOSED UNDERGROUND ELECTRIC |
| --- | EXISTING UNDERGROUND ELECTRIC |
| --- | PROPOSED UNDERGROUND TELEPHONE |
| --- | EXISTING UNDERGROUND TELEPHONE |
| --- | EXISTING OVERHEAD LINES |
| --- | LIMIT OF DISTURBANCE |
| --- | SPILL CURB |



AS-BUILT

APPROVED: DEPARTMENT OF PLANNING AND ZONING
 APPROVED: FOR PUBLIC WATER AND PUBLIC SEWERAGE SYSTEMS.

APPROVED: COUNTY HEALTH OFFICER

APPROVED: MISS UTILITY

APPROVED: PROFESSIONAL ENGINEER

OWNER: HOPKINS STATION GENERAL PARTNERSHIP
 DEVELOPER: CHICK-FIL-A

AREA 3.59 AC. TAX MAP 41 GRID 22 ZONED B-2
 PARCEL 425 L 3,095, F. 39 & L. 7004, F. 655
 5TH ELECTION DISTRICT, HOWARD COUNTY, MARYLAND

GRADING PLAN

BOHLER ENGINEERING, P.C.

REVISIONS:

| NO. | DATE | REVISION DESCRIPTION |
|-----|----------|--|
| 1 | 7/12/07 | PROPOSED LIFTZON CORRECTION |
| 2 | 8/06/08 | LEADER OF STORAGE PIPE REVISION |
| 3 | 9/07/08 | SIZE 4 AREA THE CPA BUILDING REVISION |
| 4 | 2/21/08 | IRRIGATION LINE & CPA SERVICE YARD REVISIONS |
| 5 | 12/08/07 | RETAIN WALL AREA REVISIONS |

REVISION 12/15/05

DESIGNED BY: JD
 DRAWN BY: RLB
 PROJECT NO.: MD05602.1
 DATE: 9/28/06
 SCALE: 1"=30'
 DRAWING NO. 5 OF 28

GENERAL NOTE:
 IT IS THE RESPONSIBILITY OF THE CONTRACTOR TO REVIEW ALL OF THE DRAWINGS AND SPECIFICATIONS ASSOCIATED WITH THIS PROJECT WORK SCOPE PRIOR TO THE INITIATION OF CONSTRUCTION. SHOULD THE CONTRACTOR FIND A CONFLICT WITH THE DOCUMENTS RELATIVE TO THE SPECIFICATIONS OR APPLICABLE CODES, IT IS THE CONTRACTOR'S RESPONSIBILITY TO NOTIFY BOHLER ENGINEERING, P.C. IN WRITING PRIOR TO THE START OF CONSTRUCTION. FAILURE BY THE CONTRACTOR TO NOTIFY BOHLER ENGINEERING, P.C. SHALL CONSTITUTE ACCEPTANCE OF FULL RESPONSIBILITY BY THE CONTRACTOR TO COMPLETE THE SCOPE OF THE WORK AS DEFINED BY THE DRAWINGS AND IN FULL CONFORMANCE WITH LOCAL REGULATIONS AND CODES.

AS-BUILT CERTIFICATION

I HEREBY CERTIFY, BY MY SEAL, THAT THE CONDITIONS SHOWN ON THIS PLAN WERE CONSTRUCTED TO THE LINES AND GRADES SHOWN ON THIS "AS-BUILT" PLAN, AND MEET THE APPROVED PLANS AND SPECIFICATIONS AND ALSO THAT THESE DOCUMENTS WERE PREPARED BY ME OR UNDER MY RESPONSIBLE CHARGE AND THAT I AM A DULY LICENSED PROFESSIONAL LAND SURVEYOR UNDER THE LAWS OF THE STATE OF MARYLAND.

DATE: 5/15/08

MICHAEL D. ADCOCK, PROFESSIONAL LAND SURVEYOR
 MD REG. NO. 21257, EXPIRATION DATE: 06-16-15

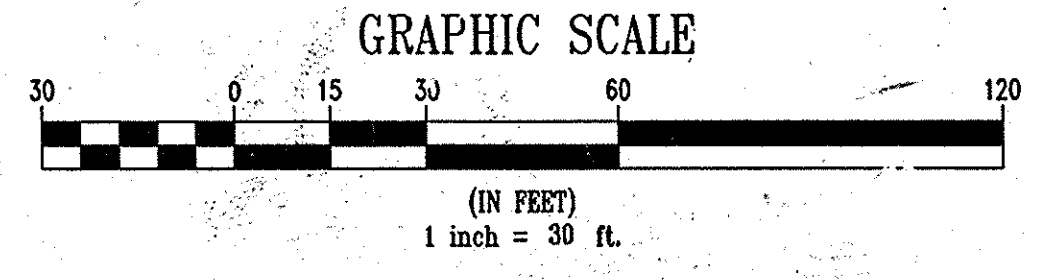
JAMES ALAN PRICE, TR., OF THE MILDRED B. PRICE FAMILY LIVING TRUST
 LIBER 5359 FOLIO 489
 MAP 41 GRID 22 PARCEL 128
 ZONED RR-MXD-3 (RESIDENTIAL)

PROFESSIONAL CERTIFICATION
 I, JOSEPH A. LICHTENBERG, HEREBY CERTIFY THAT THESE DOCUMENTS WERE PREPARED OR APPROVED BY ME, AND THAT I AM A DULY LICENSED PROFESSIONAL ENGINEER UNDER THE LAWS OF THE STATE OF MARYLAND, LICENSE NO. 3084, EXPIRATION DATE: 6/28/2014

DATE: 6-18-13

PROFESSIONAL CERTIFICATION
 I, JAMES ALAN PRICE, HEREBY CERTIFY THAT THESE DOCUMENTS WERE PREPARED OR APPROVED BY ME, AND THAT I AM A DULY LICENSED PROFESSIONAL SURVEYOR UNDER THE LAWS OF THE STATE OF MARYLAND, LICENSE NO. 21257, EXPIRATION DATE: 06-16-15

DATE: 5/15/08



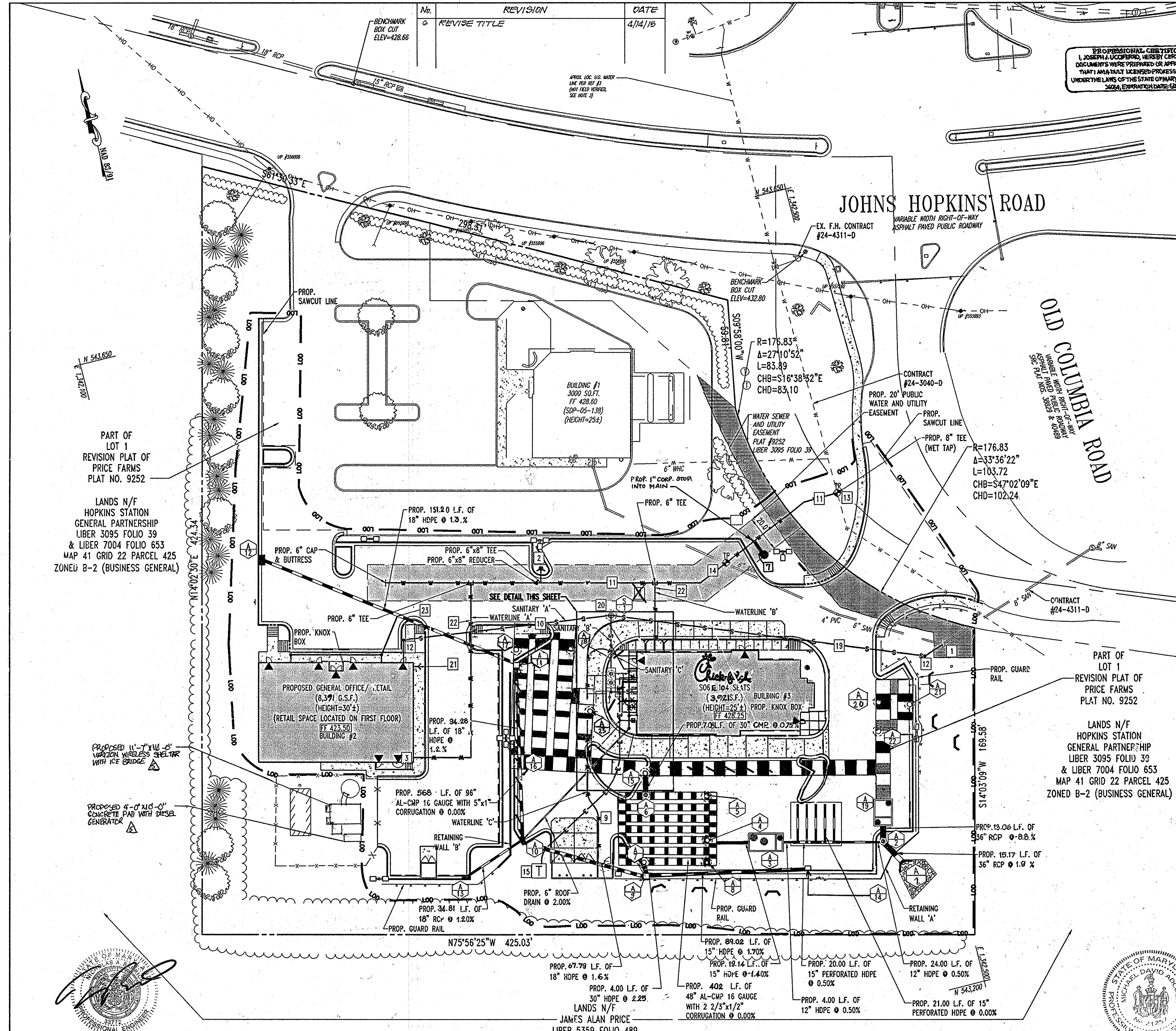
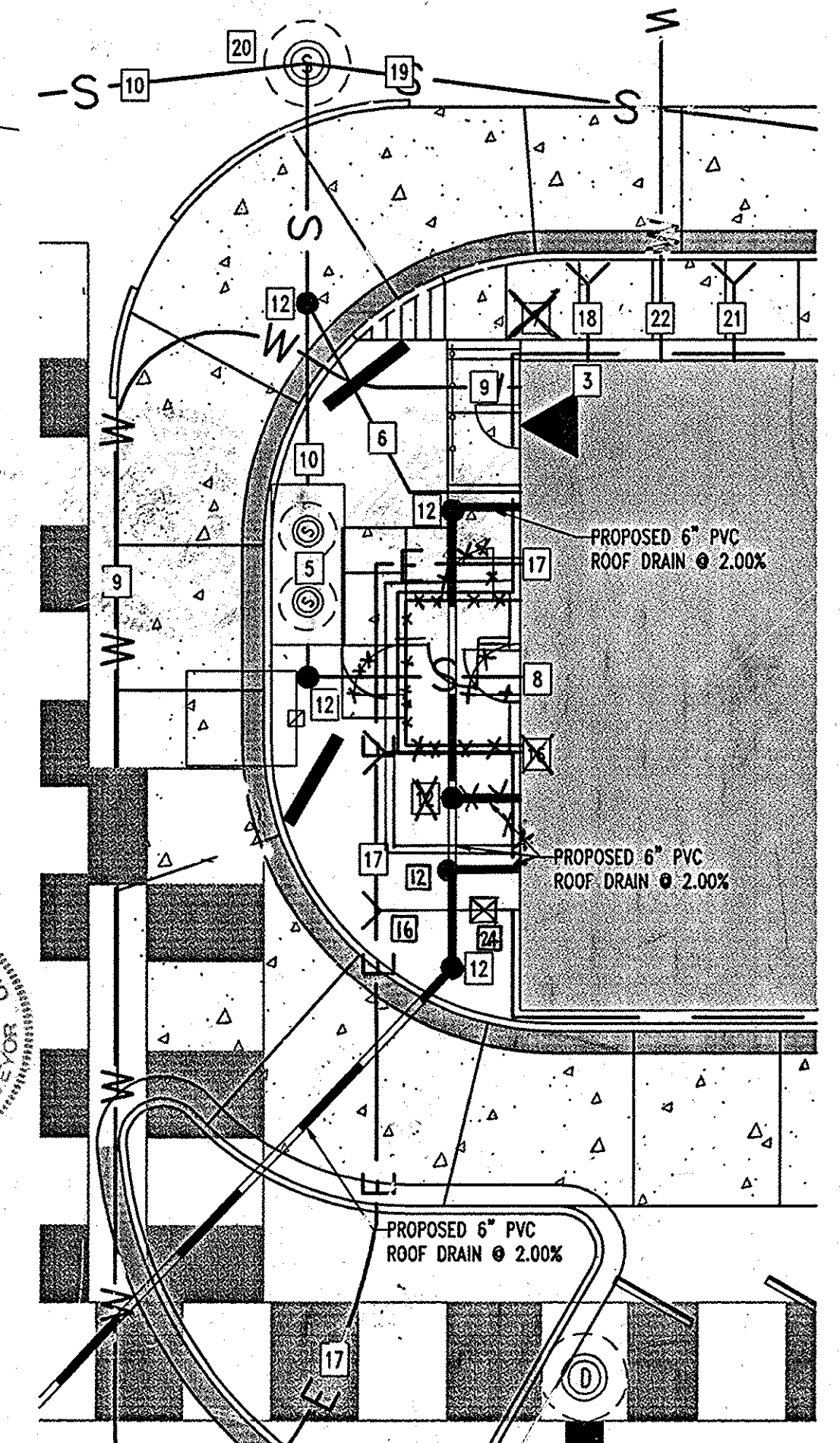
UTILITY PLAN DESIGN NOTES & KEY PLAN

- THE CONTRACTOR SHALL PROVIDE THE NECESSARY FITTINGS TO CONNECT THE NEW SERVICE LINE EXTENSION TO THE PROPOSED SEWER MANHOLE (BY OTHERS). THE CONTRACTOR SHALL VERIFY SIZE, LOCATION, MATERIAL AND INVERT ELEVATION PRIOR TO INSTALLING ANY SEWER FACILITIES. MINOR ADJUSTMENTS TO THE NEW SERVICE LINE INVERT ELEVATION MAY BE NECESSARY DEPENDING UPON FIELD MEASUREMENTS. CONTRACTOR SHALL FIELD VERIFY INVERTS PRIOR TO CONSTRUCTION & NOTIFY OWNER IF THERE IS ANY DISCREPANCY.
- CAUTION/WARNING
THE CONTRACTOR SHALL USE EXTREME CAUTION TO PROPERLY SHEET, SHORE, AND DEWATER EXCAVATION TO COMPLETE THE CONNECTION IN A SAFE MANNER, AND WITHOUT DAMAGE OR SETTLEMENT TO EXISTING FACILITIES, ROAD OR SHOPPING CENTER DRIVE.
- PROPOSED PUBLIC FIRE HYDRANT
- 1-1/2" WATER METER FOR DOMESTIC WATER. (TO BE LOCATED INSIDE OF THE BUILDING. SEE ARCHITECTURALS FOR DETAIL)
- PROPOSED SANITARY MANHOLE
- 1,000 GALLON GREASE TRAP AND VENT LINES TO BE INSTALLED BY SITE UTILITY CONTRACTOR. COORDINATE INSTALLATION WITH BUILDING CONTRACTOR AND ARCHITECTURAL PLUMBING PLANS. CONNECT RESTROOM SERVICE LINE DOWNSTREAM OF GREASE TRAP OUTLET SIDE AT INVERT ELEVATION INDICATED. COORDINATE TOP ELEVATION OF GREASE TRAP WITH GRADING PLAN. MANHOLE TOPS SHALL BE SET 0.2' MIN. ABOVE GRADE. GREASE TRAP SHALL BE HOWARD COUNTY DPW STD.
- 4" SEWER LATERAL AND CLEANOUT FROM RESTROOM FACILITIES TO BE INSTALLED BY SITE UTILITY CONTRACTOR. INSTALLATION WITH BUILDING CONTRACTOR AND ARCHITECTURAL PLUMBING PLANS. BATHROOM LATERAL SHALL BY-PASS GREASE TRAP AND CONNECT BEYOND THE OUTLET SIDE.
- DOMESTIC 1-1/2" TYPE "K" COPPER DRY TAP WATER SERVICE LINE LOCATION. SITE UTILITY CONTRACTOR SHALL INSTALL DOMESTIC WATER SERVICE LINE FROM THE PROPOSED WATER METER TO THE MAIN BUILDING CUTOFF VALVE. (SEE ARCHITECT PLUMBING PLAN). 1" WATER LINE TYPE "K" COPPER FOR IRRIGATION WITH 3/4" METER.
- 4" KITCHEN LATERAL. INSTALL CLEANOUT APPROXIMATELY 10' FROM FACE OF BUILDING. COORDINATE WITH BUILDING CONTRACTOR AND ARCHITECTURAL PLUMBING PLANS. CONNECT KITCHEN LATERAL TO GREASE TRAP.
- INSTALL 3/4" TYPE "K" COPPER WATER SERVICE (HOT & COLD) TO TRASH ENCLOSURE.
- INSTALL 4" SCH 40 SANITARY SEWER PVC @ 2.00% SLOPE (MIN). SEE PROFILES FOR ACTUAL DESIGN AND SLOPE.
- PROPOSED PUBLIC WATER SERVICE (SEE PLANS BY BOHLER ENGINEERING, P.C. TITLED "PUBLIC WATER EXTENSION, HOPKINS STATION" DATED 12/12/06. CONTRACT NO. 44-4469-D.
- PROPOSED CLEANOUT
- CONTRACTOR TO TEST PIT FOR EXACT LOCATION AND INVERT OF WATER SERVICE CONNECTION. CONTRACTOR TO NOTIFY BOHLER ENGINEERING P.C. IMMEDIATELY WITH ANY DISCREPANCIES.
- CONTRACTOR TO TEST PIT FOR EXACT LOCATION AND INVERT OF SANITARY SEWER SERVICE CONNECTION. CONTRACTOR TO NOTIFY BOHLER ENGINEERING P.C. IMMEDIATELY WITH ANY DISCREPANCIES.
- PROPOSED ELECTRIC TRANSFORMER
- GAS SERVICE (CONTRACTOR TO COORDINATE EXACT LOCATION WITH RESPECTIVE UTILITY COMPANY)
- ELECTRIC SERVICE (CONTRACTOR TO COORDINATE EXACT LOCATION WITH RESPECTIVE UTILITY COMPANY)
- TELEPHONE SERVICE (CONTRACTOR TO COORDINATE EXACT LOCATION WITH RESPECTIVE UTILITY COMPANY)
- PROPOSED PRIVATE 6" SDR 35 PVC SANITARY SEWER
- PROPOSED SANITARY DROP MANHOLE
- PROPOSED FIRE DEPARTMENT SIAMSESE CONNECTION
- PROPOSED 6" FIRE HOUSE CONNECTION
- CONTRACTOR TO MAKE FIELD CONNECTION INTO STORMDRAIN SYSTEM
- GAS METER LOCATION

AS-BUILT

UTILITY NOTES

- CONTRACTOR SHALL OPEN ONLY THAT SECTION OF TRENCH THAT CAN BE BACK FILLED AND STABILIZED EACH DAY. IF TRENCH MUST REMAIN OPEN LONGER THAN ONE DAY, SILT FENCE SHALL BE PLACED BELOW (DOWNSLOPE OF) TRENCH.
- PLACE ALL EXCAVATED MATERIAL ON UPHILL SIDE OF TRENCH.
- ANY SEDIMENT CONTROLS DISTURBED BY UTILITY CONSTRUCTION ARE TO BE RE-USED IMMEDIATELY.

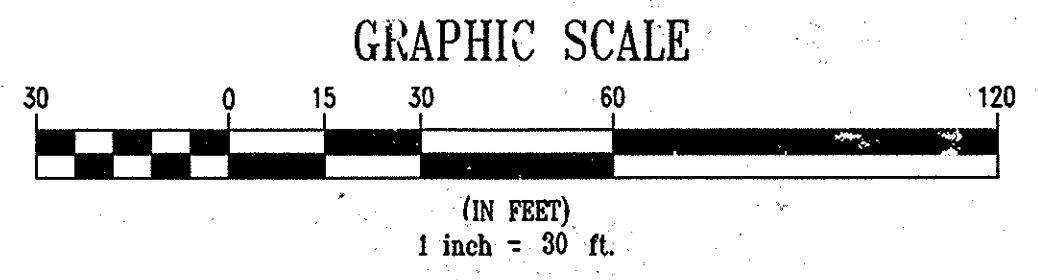


AS-BUILT CERTIFICATION

I HEREBY CERTIFY, BY MY SEAL, THAT THE CONDITIONS SHOWN ON THIS PLAN WERE CONSTRUCTED TO THE LINES AND GRADES SHOWN ON THIS AS-BUILT PLAN, AND MEET THE APPROVED PLANS AND SPECIFICATIONS AND ALSO THAT THESE DOCUMENTS WERE PREPARED BY ME OR UNDER MY RESPONSIBLE CHARGE AND THAT I AM A DULY LICENSED PROFESSIONAL LAND SURVEYOR UNDER THE LAWS OF THE STATE OF MARYLAND.

Michael D. Adcock
MICHAEL D. ADCOCK, PROFESSIONAL LAND SURVEYOR
MD REG. NO. 12127, EXPIRATION DATE: 06-16-15

DATE: 9/19/2013



| | |
|---|---------------|
| APPROVED: DEPARTMENT OF PLANNING AND ZONING | DATE: 7/19/13 |
| <i>Chris Hamilton</i> CHIEF-DEVELOPMENT ENGINEERING DIVISION | DATE: 7/19/13 |
| <i>Michael D. Adcock</i> CHIEF-DIVISION & LAND DEVELOPMENT | DATE: 9/19/13 |
| APPROVED: FOR PUBLIC WATER AND PUBLIC SEWERAGE SYSTEMS. | |
| <i>Brian for Peter Beilman</i> COUNTY HEALTH OFFICER | DATE: 8/2/13 |
| HOWARD COUNTY HEALTH DEPARTMENT | DATE: 7/24/13 |
| 5 7/24/13 PROPOSED WETLAND LOCATION | |
| 3 6/14/13 LAYOUT OF STORM DRAIN REVISION | |
| 2 4/17/08 SIZE & AREA DEVISED FOR CFA BUILDING | |
| 1 2/21/08 IRRIGATION LINE CFA SERVICE YARD REVISIONS | |
| 12/29/07 DETAIL BLDG. AREA & ACCESS POINT LOCATIONS | |

| NO. | DATE | REVISION DESCRIPTION |
|-----|------|---|
| 1 | | OWNER: HOPKINS STATION GENERAL PARTNERSHIP C/O BRANTLY DEVELOPMENT GROUP 8835 COLUMBIA 100 PARKWAY, SUITE P COLUMBIA, MD 21045 PHONE: (410) 730-0810 |
| 2 | | DEVELOPER: CHECK-FIL-A 5200 BUFFINGTON ROAD ATLANTA, GA 30349-2998 C/O SCOTT PATMAN PHONE: (404) 684-8660 |

CHECK-FIL-A RESTAURANT & MEDICAL BUILDING
PART OF LOT 1, HOPKINS STATION (CORNER PRICE FARMS, LOT1)
JOHNS HOPKINS ROAD
LAUREL, HOWARD COUNTY, MARYLAND

AREA 3.59 AC. TAX MAP 41 GRID 22 ZONED B-2
PARCEL 425 L. 3,095, F. 39 & L. 7004, F. 653
5TH ELECTION DISTRICT, HOWARD COUNTY, MARYLAND

MISS UTILITY

BOHLER ENGINEERING, P.C.
PROFESSIONAL ENGINEERING SERVICES
4510 GLENDALES COURT, SUITE 300, TOWSON, MD 21286-4100
(410) 837-7810 FAX (410) 837-7811 www.bohlereng.com

REVISIONS:
DESIGNED BY: JD
DRAWN BY: RLB
PROJECT NO.: MD056502.1
DATE: 9/28/06
SCALE: 1"=30'
DRAWING NO. 6 OF 28

BEFORE YOU DIG CALL
800-4-A-SHIELD
PROTECT YOURSELF, SAVE TWO WORKING DAYS NOTICE

THIS DRAWING DOES NOT INCLUDE NECESSARY COMPONENTS FOR CONSTRUCTION SAFETY. ALL CONSTRUCTION MUST BE DONE IN COMPLIANCE WITH THE OCCUPATIONAL SAFETY AND HEALTH ACT OF 1970 AND ALL RULES AND REGULATIONS THERE TO APPLICABLE.

THE CONTRACTOR TO CALL MISS UTILITY TO HAVE ALL EXISTING UTILITIES MARKED 48 HOURS PRIOR TO ANY CONSTRUCTION.

DATE: 9/19/2013

GENERAL NOTE:
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Professional Certification: I hereby certify that these documents were prepared or approved by me, and that I am a duly licensed professional engineer under the laws of the State of Maryland.
License No. 33772, Expiration Date: 6-16-15

FOR REVISION 5 ONLY

FOR REVISION 1 ONLY

FOR REVISION 2 ONLY

FOR REVISION 3 ONLY

FOR REVISION 4 ONLY

FOR REVISION 5 ONLY

FOR REVISION 6 ONLY

FOR REVISION 7 ONLY

FOR REVISION 8 ONLY

FOR REVISION 9 ONLY

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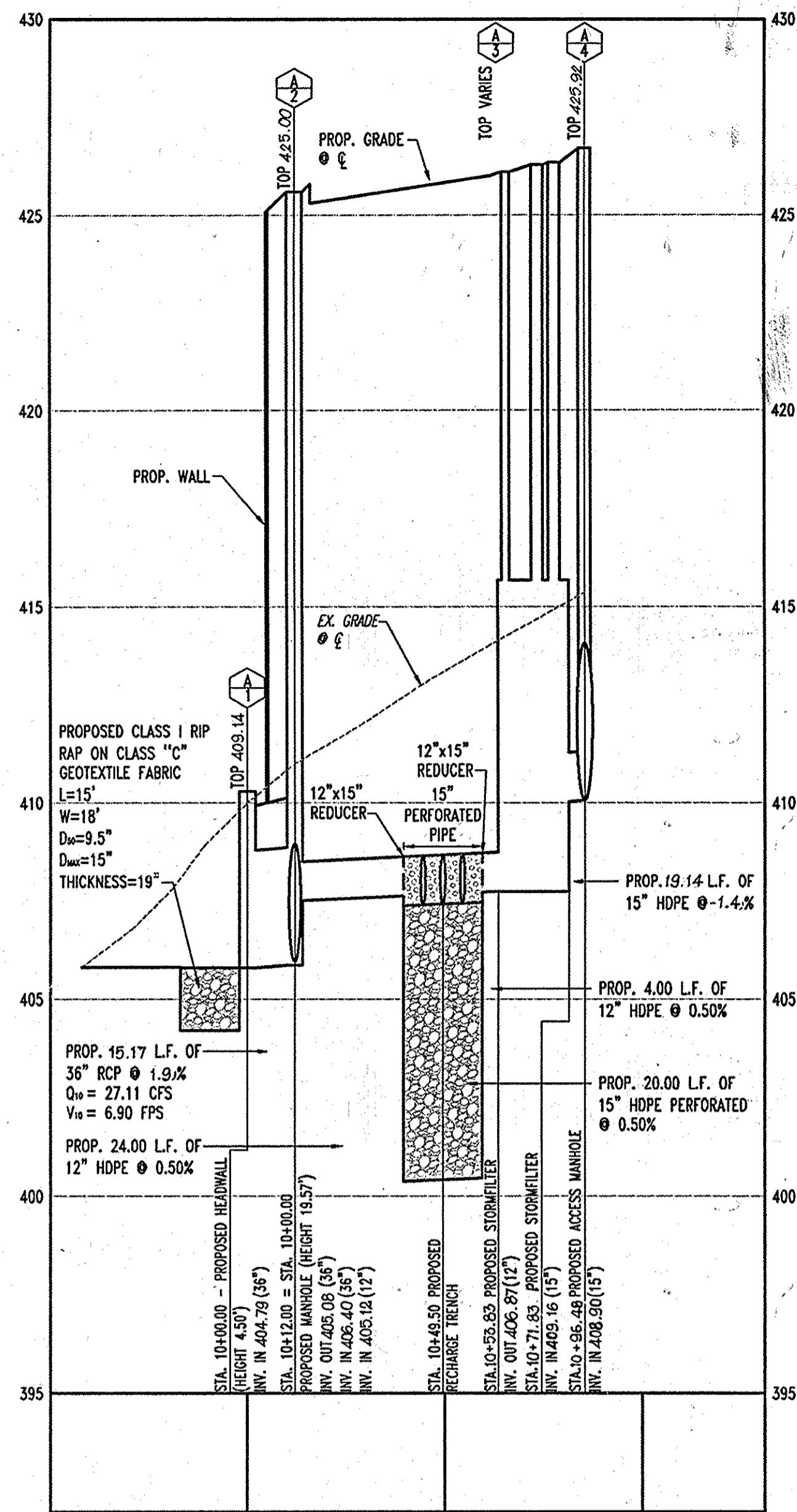
FOR REVISION 106 ONLY

FOR REVISION 107 ONLY

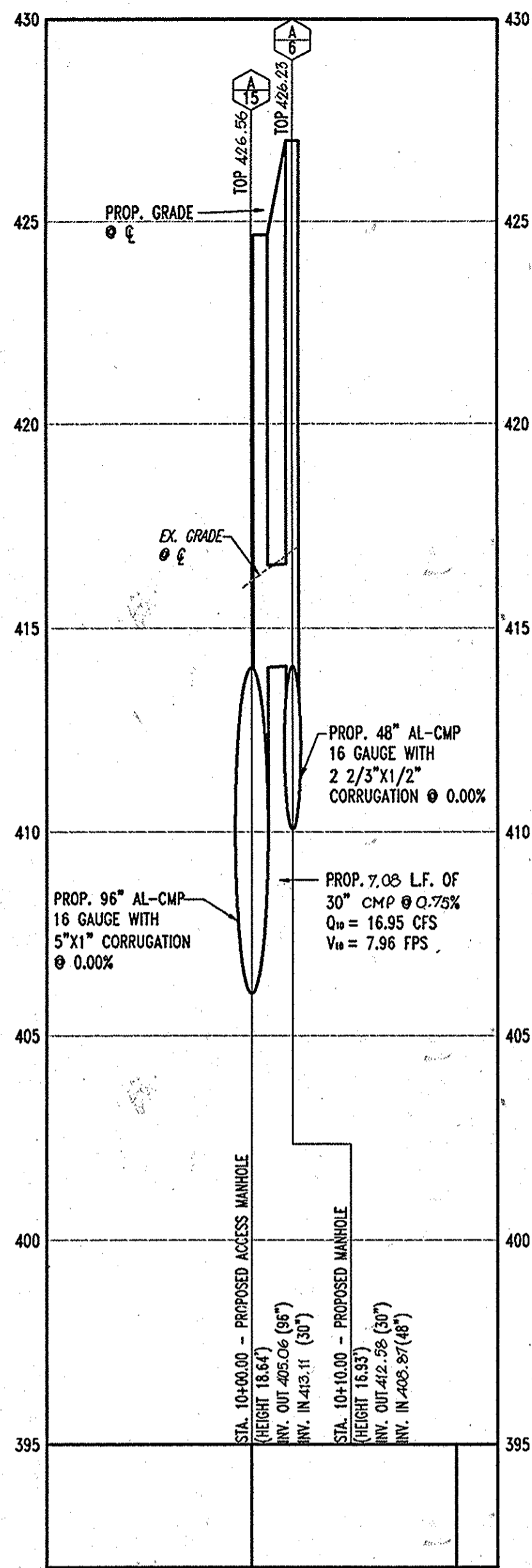
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FOR REVISION 109 ONLY

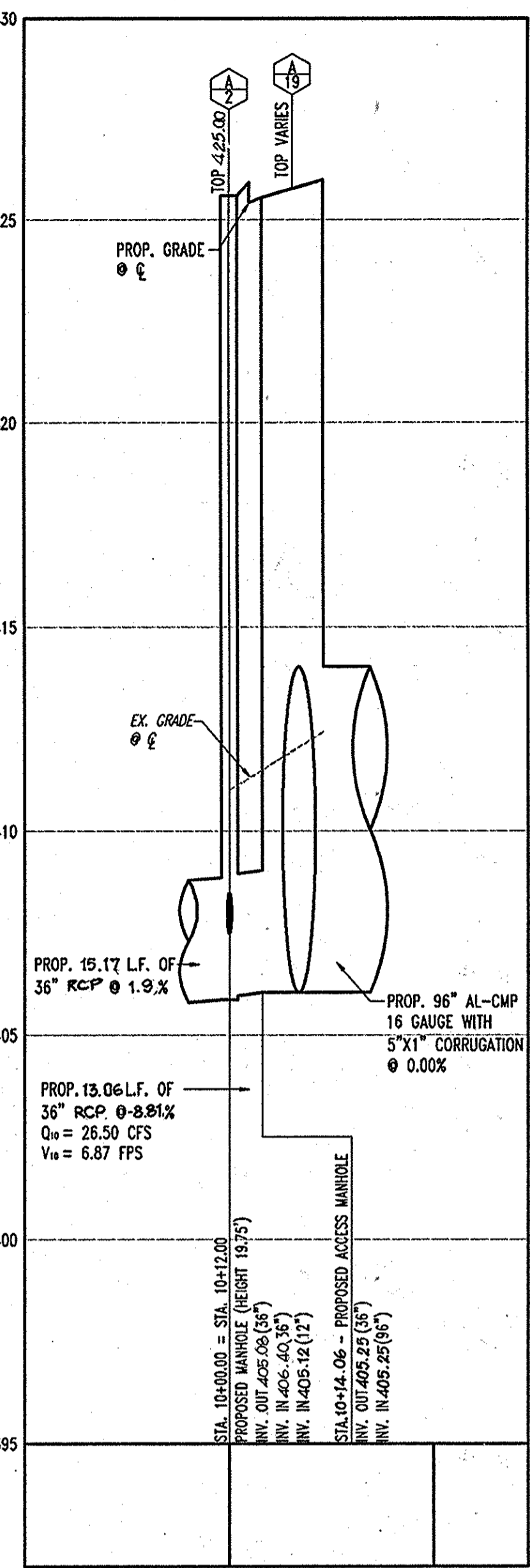
FOR REVISION 110 ONLY



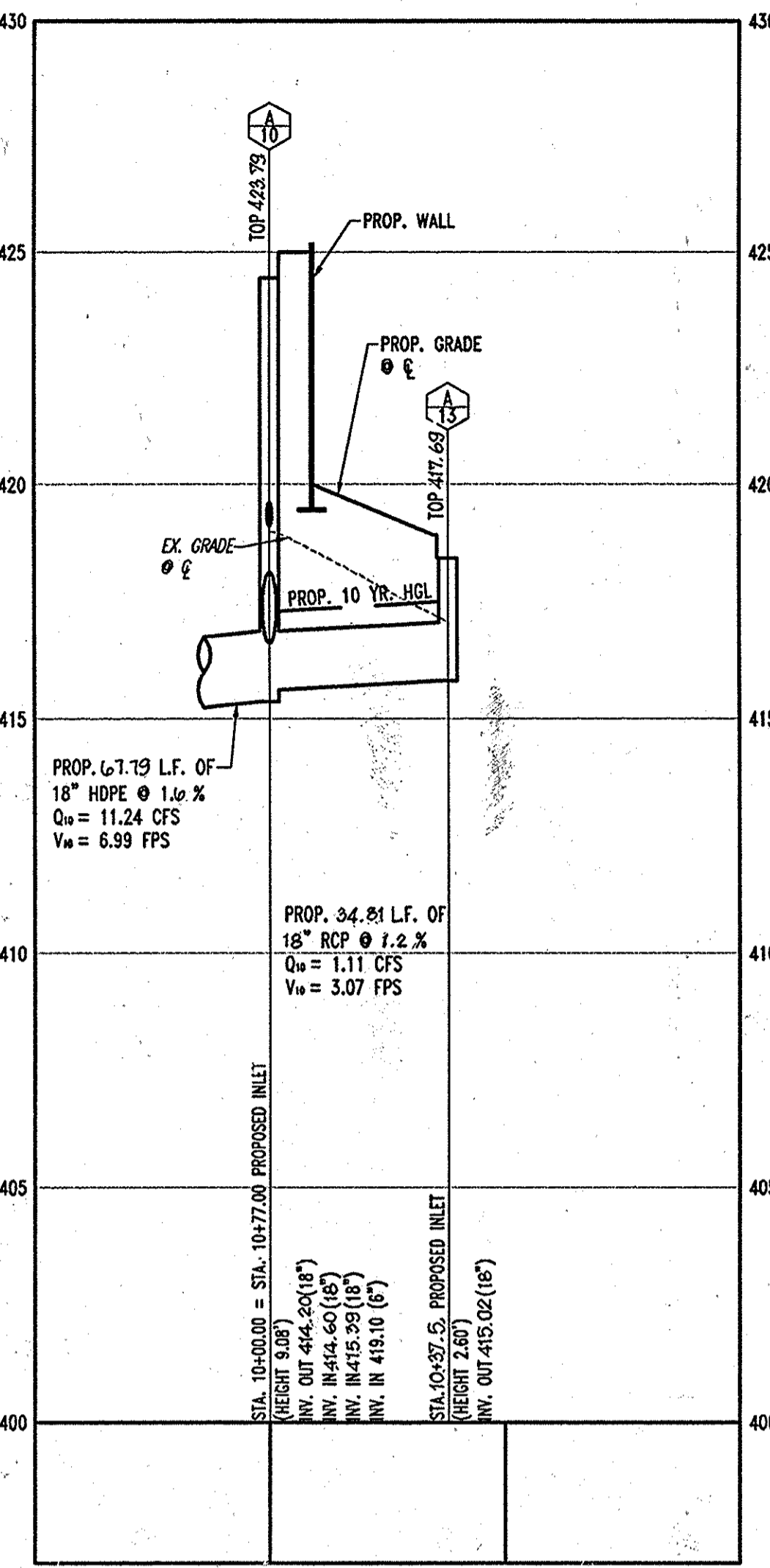
STORMDRAIN PROFILE A-1 TO A-4
SCALE: HORIZ. 1"=30'
VERT. 1"=3'



STORMDRAIN PROFILE A-15 TO A-6
SCALE: HORIZ. 1"=30'
VERT. 1"=3'

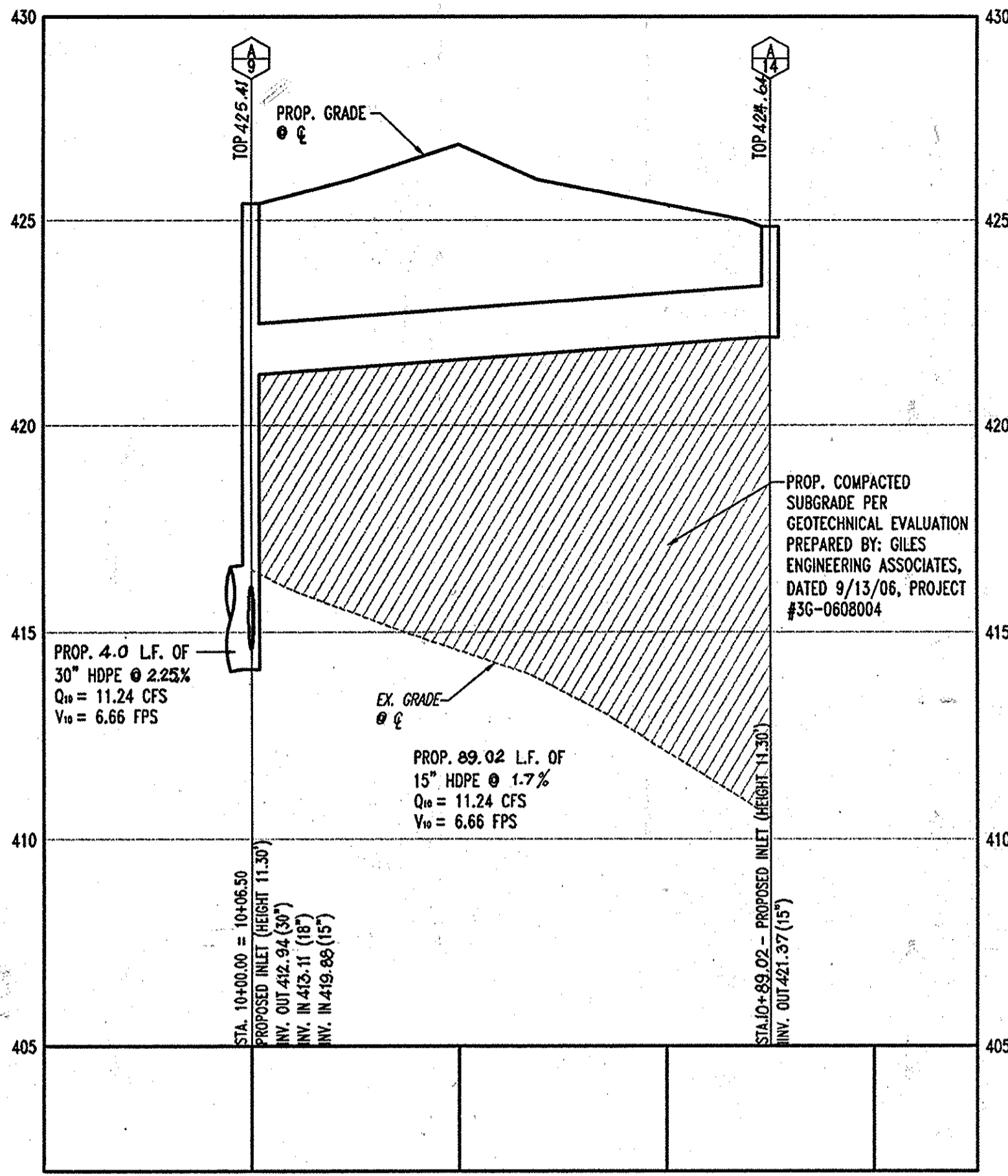


STORMDRAIN PROFILE A-2 TO A-13
SCALE: HORIZ. 1"=30'
VERT. 1"=3'



STORMDRAIN PROFILE A-10 TO A-13
SCALE: HORIZ. 1"=30'
VERT. 1"=3'
AS-BUILT CERTIFICATION

I HEREBY CERTIFY, BY MY SEAL, THAT THE CONDITIONS SHOWN ON THIS PLAN WERE CONSTRUCTED TO THE LINES AND GRADES SHOWN ON THIS "AS-BUILT" PLAN, AND MEET THE APPROVED PLANS AND SPECIFICATIONS AND ALSO THAT THESE DOCUMENTS WERE PREPARED BY ME OR UNDER MY RESPONSIBLE CHARGE AND THAT I AM A FULLY LICENSED PROFESSIONAL LAND SURVEYOR UNDER THE LAWS OF THE STATE OF MARYLAND.
MICHAEL D. ADGOCK, PROFESSIONAL LAND SURVEYOR
MD REG. NO. 21257, EXPIRATION DATE: 06-16-15
DATE: 5/13/10



STORMDRAIN PROFILE A-9 TO A-14
SCALE: HORIZ. 1"=30'
VERT. 1"=3'

AS-BUILT

APPROVED: DEPARTMENT OF PLANNING AND ZONING
CHIEF-DEVELOPMENT ENGINEERING DIVISION
CHIEF-DIVISION & LAND DEVELOPMENT
DIRECTOR

APPROVED: FOR PUBLIC WATER AND PUBLIC SEWERAGE SYSTEMS.

APPROVED: COUNTY HEALTH OFFICER
HOWARD COUNTY HEALTH DEPARTMENT

FOR REVISION 1 ONLY

FOR REVISION 4 ONLY

MISS UTILITY

BEFORE YOU DIG CALL
PROTECT YOURSELF. GET TWO WORKING DAYS NOTICE
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THE CONTRACTOR TO CALL MISS UTILITY TO HAVE ALL EXISTING UTILITIES MARKED 48 HOURS PRIOR TO ANY CONSTRUCTION.

| SIZE | DESCRIPTION | LENGTH |
|--------|-----------------|----------|
| 6" | D.I.P. | 105 L.F. |
| 1-1/2" | COPPER TYPE "K" | 105 L.F. |
| 3/4" | COPPER TYPE "K" | 145 L.F. |
| 6" | PVC | 126 L.F. |
| 4" | PVC | 205 L.F. |

| SIZE | DESCRIPTION | LENGTH |
|------|-----------------|----------|
| 96" | AL-CMP | 568 L.F. |
| 48" | AL-CMP | 402 L.F. |
| 30" | CMP | 7 L.F. |
| 30" | HDPE | 4 L.F. |
| 12" | HDPE | 29 L.F. |
| 18" | HDPE | 313 L.F. |
| 18" | RCP | 35 L.F. |
| 15" | PERFORATED HDPE | 107 L.F. |
| 15" | HDPE | 108 L.F. |
| 36" | RCP | 28 L.F. |

| STRUCTURE # | DESCRIPTION | RIM/GRADE | INV. IN | INV. OUT |
|-------------|--|-----------|---|------------------------------|
| A-1 | TYPE "A" HEADWALL (HOWARD COUNTY STD. SD-5.11) | 409.14 | 404.79 (36") | -- |
| A-2 | PROP. MANHOLE (HOWARD COUNTY STD. G-5.11) | 425.50 | 405.12 (12") 406.40 (36") | 405.08 (36") |
| A-3 | PRECAST 8'x18" STORMFILTER | VARIES | 409.16 (15") | 406.87 (12") |
| A-4 | PROP. MANHOLE (HOWARD COUNTY STD. G-5.11) | 425.92 | 408.90 (48") | 408.90 (15") |
| A-5 | PROP. MANHOLE (HOWARD COUNTY STD. G-5.11) | 426.70 | 409.00 (48") | 409.00 (48") |
| A-6 | PROP. MANHOLE (HOWARD COUNTY STD. G-5.11) | 426.25 | 408.87 (48") | 412.85 (30") |
| A-7 | PROP. MANHOLE (HOWARD COUNTY STD. G-5.11) | 425.03 | 412.87 (30") | 409.05 (48") 409.05 (48") |
| A-8 | PROP. MANHOLE (HOWARD COUNTY STD. G-5.11) | 425.59 | 408.83 (48") | 408.83 (48") |
| A-9 | PROP. INLET TYPE "S" (HOWARD COUNTY STD. SD-4.22) | 425.41 | 419.11 (18") 419.88 (15") | 412.94 (30") |
| A-10 | PROP. INLET TYPE "S" (HOWARD COUNTY STD. SD-4.22) | 423.79 | 414.60 (18") 415.39 (18") 419.10 (6") | 414.20 (18") |
| A-11 | PROP. INLET TYPE "S" (HOWARD COUNTY STD. SD-4.22) | 424.82 | 416.65 (18") | 416.61 (18") |
| A-12 | PROP. DOUBLE INLET TYPE "S" (HOWARD COUNTY STD. SD-4.23) | 421.16 | -- | 417.12 (18") |
| A-13 | PROP. INLET TYPE "S" (HOWARD COUNTY STD. SD-4.22) | 417.69 | -- | 415.02 (15") |

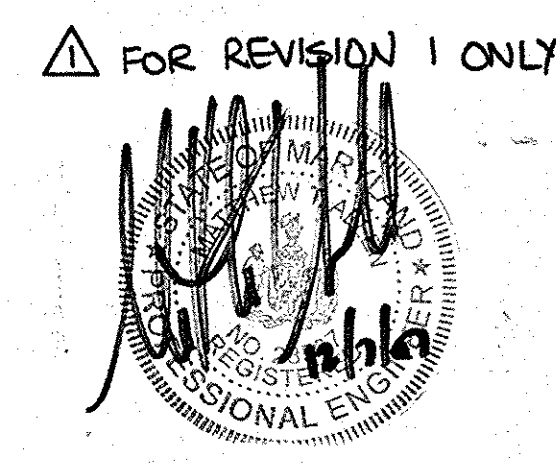
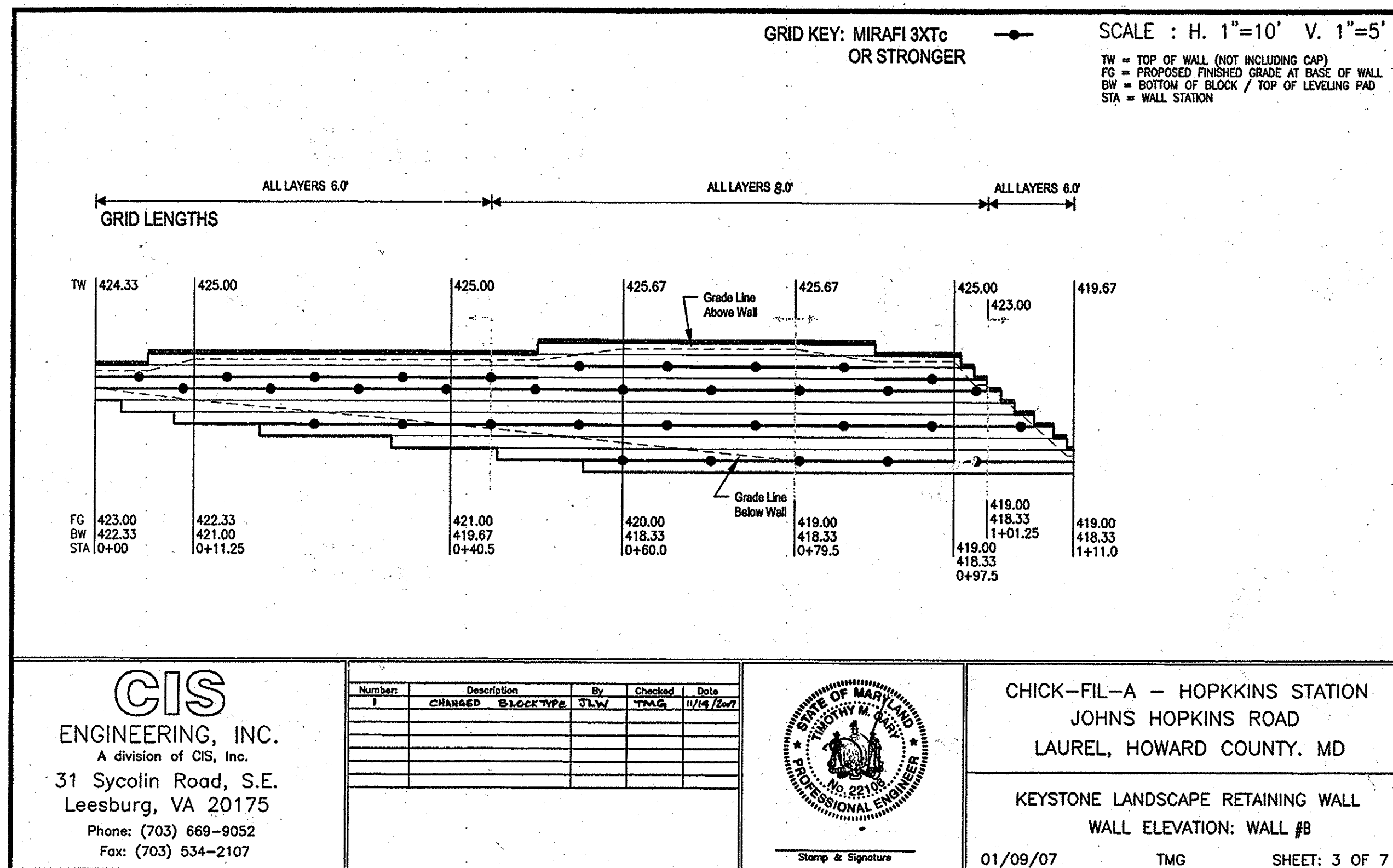
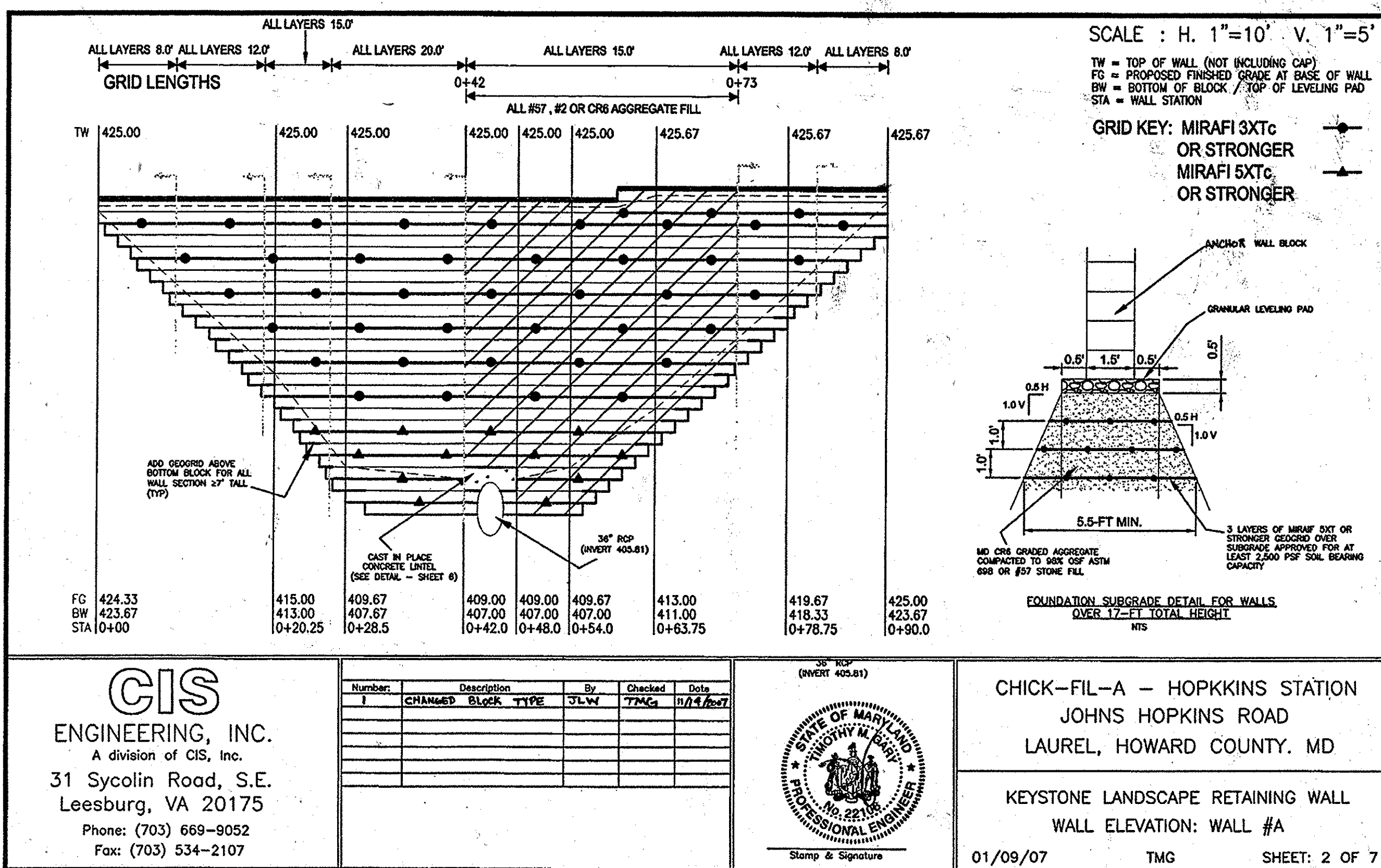
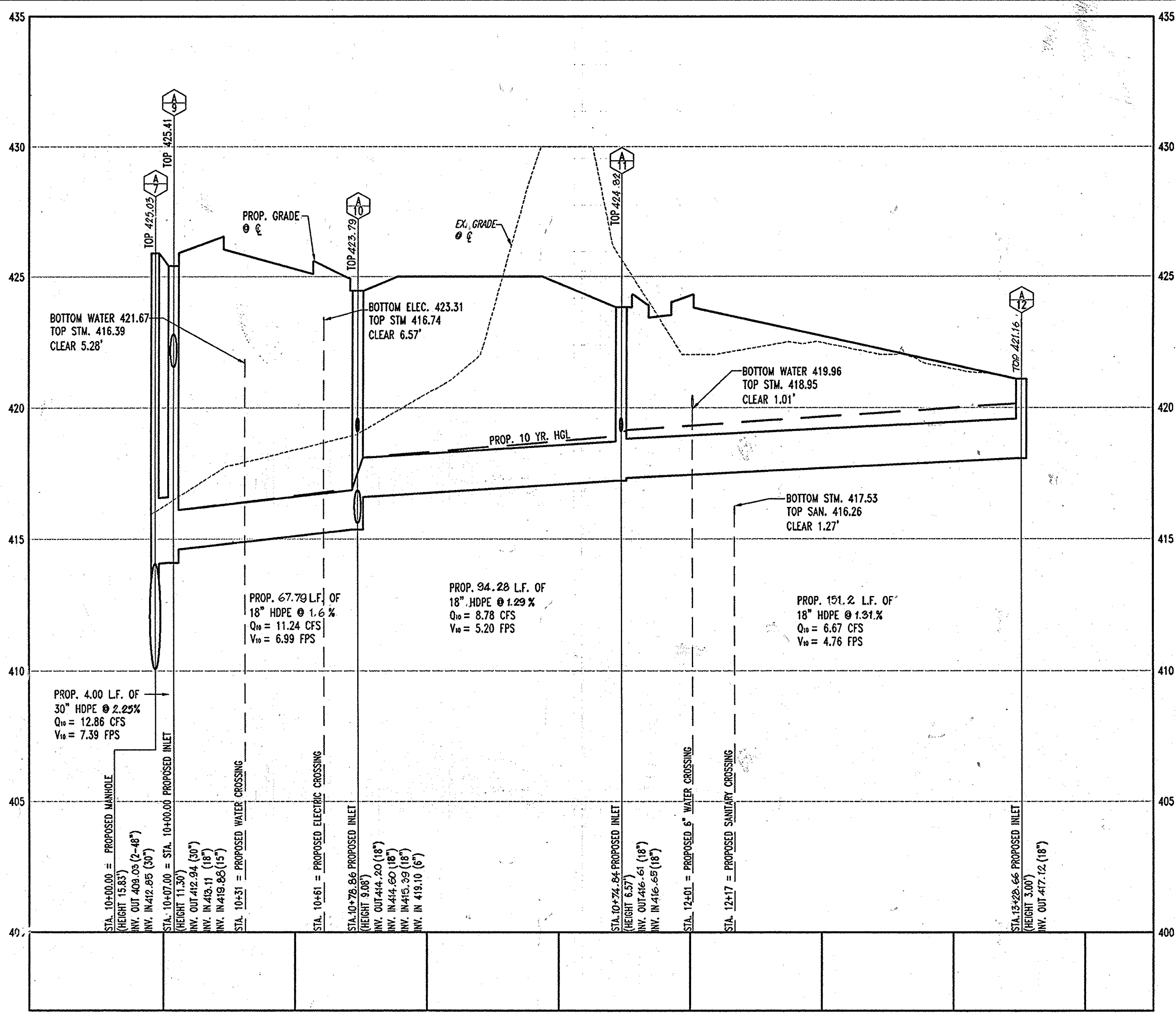
| STRUCTURE # | DESCRIPTION | RIM/GRADE | INV. IN | INV. OUT |
|-------------|---|-----------|--------------|--------------|
| A-14 | PROP. INLET TYPE "S" (HOWARD COUNTY STD. SD-4.22) | 424.64 | -- | 421.37 (15") |
| A-15 | PROP. 36" ACCESS MANHOLE | 426.56 | 413.11 (30") | 405.06 (96") |
| A-16 | PROP. 36" ACCESS MANHOLE | 425.05 | 405.28 (96") | 405.28 (96") |
| A-17 | PROP. 36" ACCESS MANHOLE | 424.48 | 405.29 (96") | 405.28 (96") |
| A-18 | PROP. 36" ACCESS MANHOLE | 425.48 | 405.61 (96") | 405.61 (96") |
| A-19 | PROP. OUTLET STRUCTURE | VARIES | 405.25 (96") | 405.25 (38") |
| A-20 | PROP. 36" ACCESS MANHOLE | 426.37 | 405.69 (96") | 405.69 (96") |
| A-21 | PROP. 36" ACCESS MANHOLE | 426.41 | 406.09 (96") | 406.09 (36") |
| A-22 | PROP. 36" ACCESS MANHOLE | 425.94 | 405.55 (96") | 405.53 (96") |
| A-23 | PROP. 36" ACCESS MANHOLE | 426.37 | 405.95 (96") | 405.95 (96") |

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UTILITY PROFILES

BOHLER ENGINEERING, P.C.
PROFESSIONAL ENGINEERING SERVICES
810 GREENGLADES COURT, SUITE 300, TOWSON, MD 21286
410-251-7777
FAX: 410-251-7778
WWW.BE-INC.COM

REVISIONS:
DESIGNED BY: JD
DRAWN BY: RLB
PROJECT NO.: M0058502.1
DATE: 9/28/06
SCALE: AS SHOWN
DRAWING NO. 7 OF 28
PROFESSIONAL ENGINEER NO. 28587



AS-BUILT

APPROVED: DEPARTMENT OF PLANNING AND ZONING

Michael D. Adcock 2/19/07 DATE

CHIEF-DEVELOPMENT ENGINEERING DIVISION

Cindy Harris 2/19/07 DATE

CHIEF-DIVISION & LAND DEVELOPMENT

Andrew M. Cagle 2/19/07 DATE

DIRECTOR

APPROVED: FOR PUBLIC WATER AND PUBLIC SEWERAGE SYSTEMS.

Brian P. Beilman 2/19/07 DATE

COUNTY HEALTH OFFICER

HOWARD COUNTY HEALTH DEPARTMENT

CHICK-FIL-A RESTAURANT & MEDICAL BUILDING
PART OF LOT 1, HOPKINS STATION (FORMER PRICE FARMS, LOT1)
JOHNS HOPKINS ROAD
LAUREL, HOWARD COUNTY, MARYLAND

AREA 3.59 AC. TAX MAP 41 GRID 22 ZONED B-2
PARCEL 425 L 3,095, F. 39 & L. 7004, F. 653
5TH ELECTION DISTRICT, HOWARD COUNTY, MARYLAND

UTILITY PROFILES

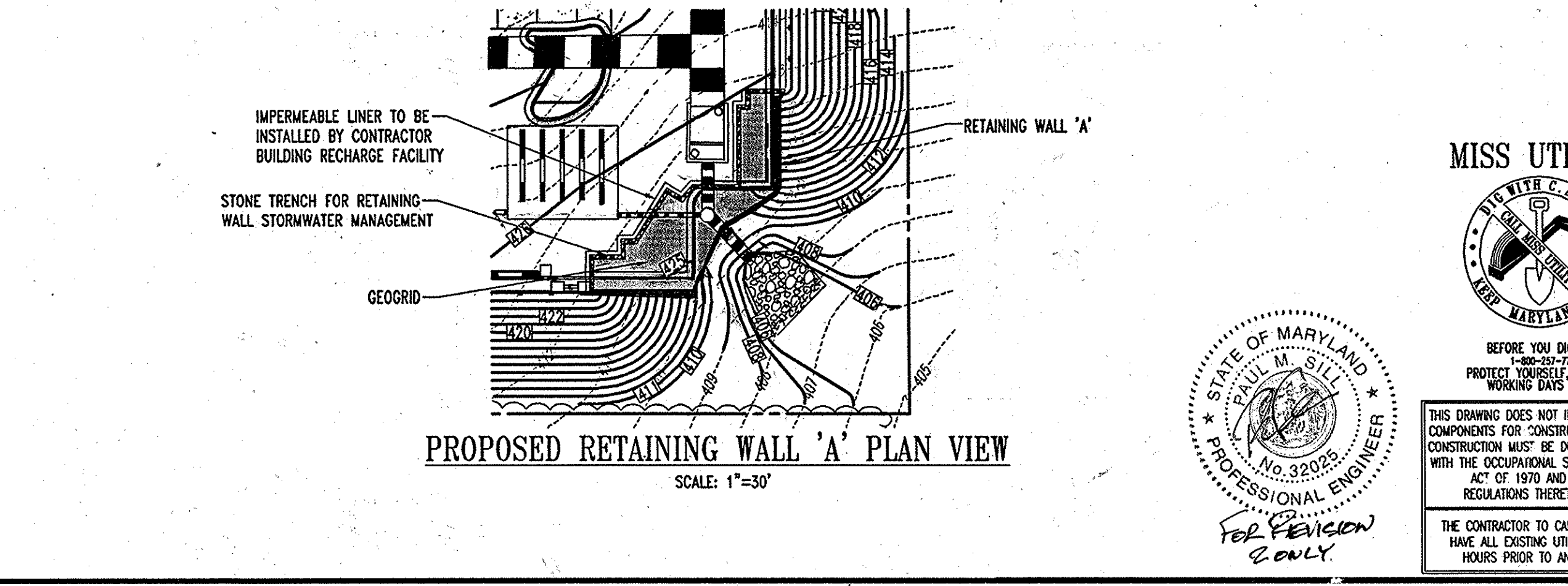
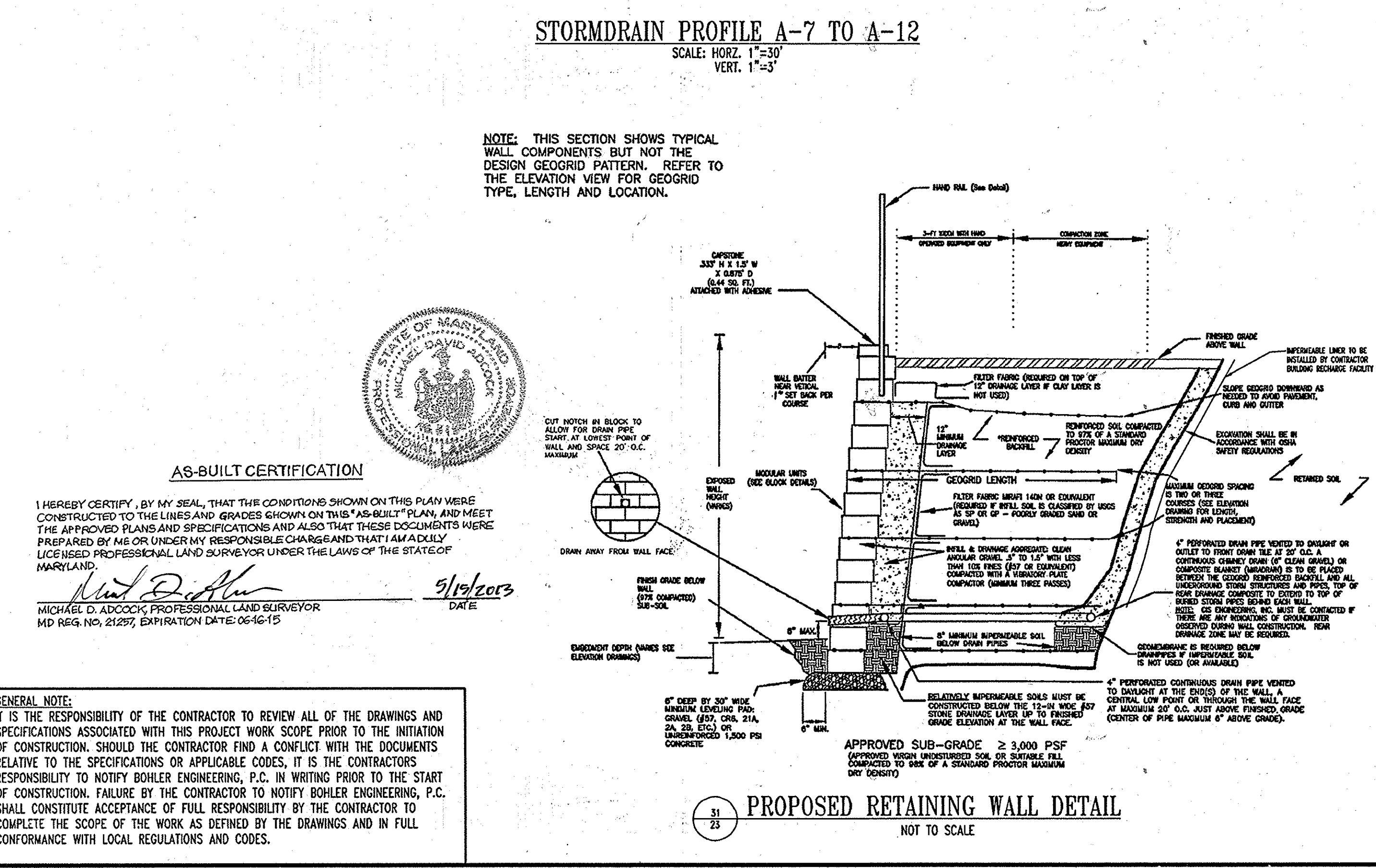
BOHLER ENGINEERING, P.C.

PROFESSIONAL ENGINEERING SERVICES
4810 GLENHAVEN COURT, SUITE 800, TOWSON, MD 21286
(410) 851-7900 FAX (410) 851-7901

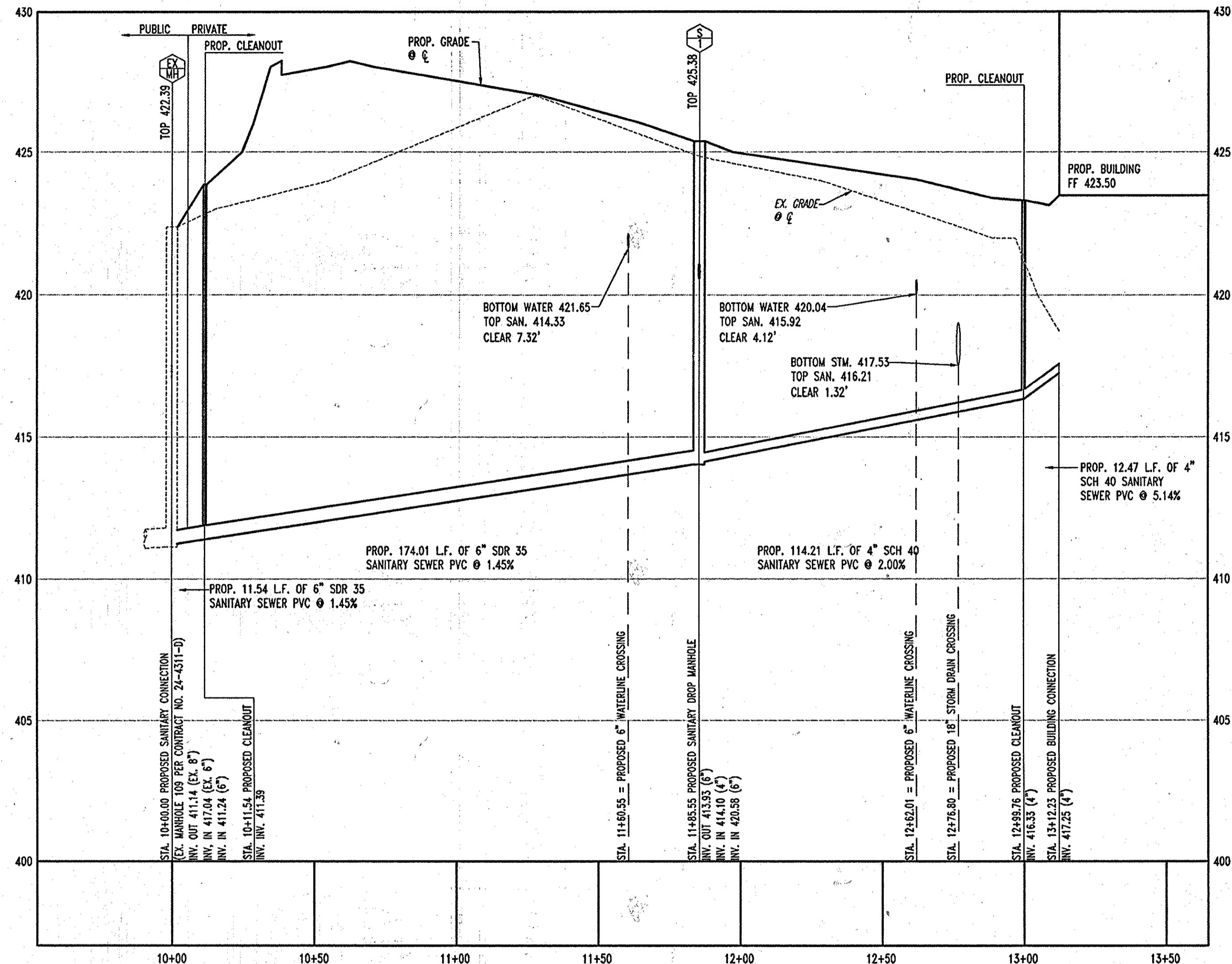
REVISIONS:

| NO. | DATE | REVISION DESCRIPTION |
|-----|----------|----------------------------------|
| 1 | 12/06/07 | REVISED RET. WALL BLOCK MATERIAL |
| 2 | 4/14/15 | REVISE TITLE |

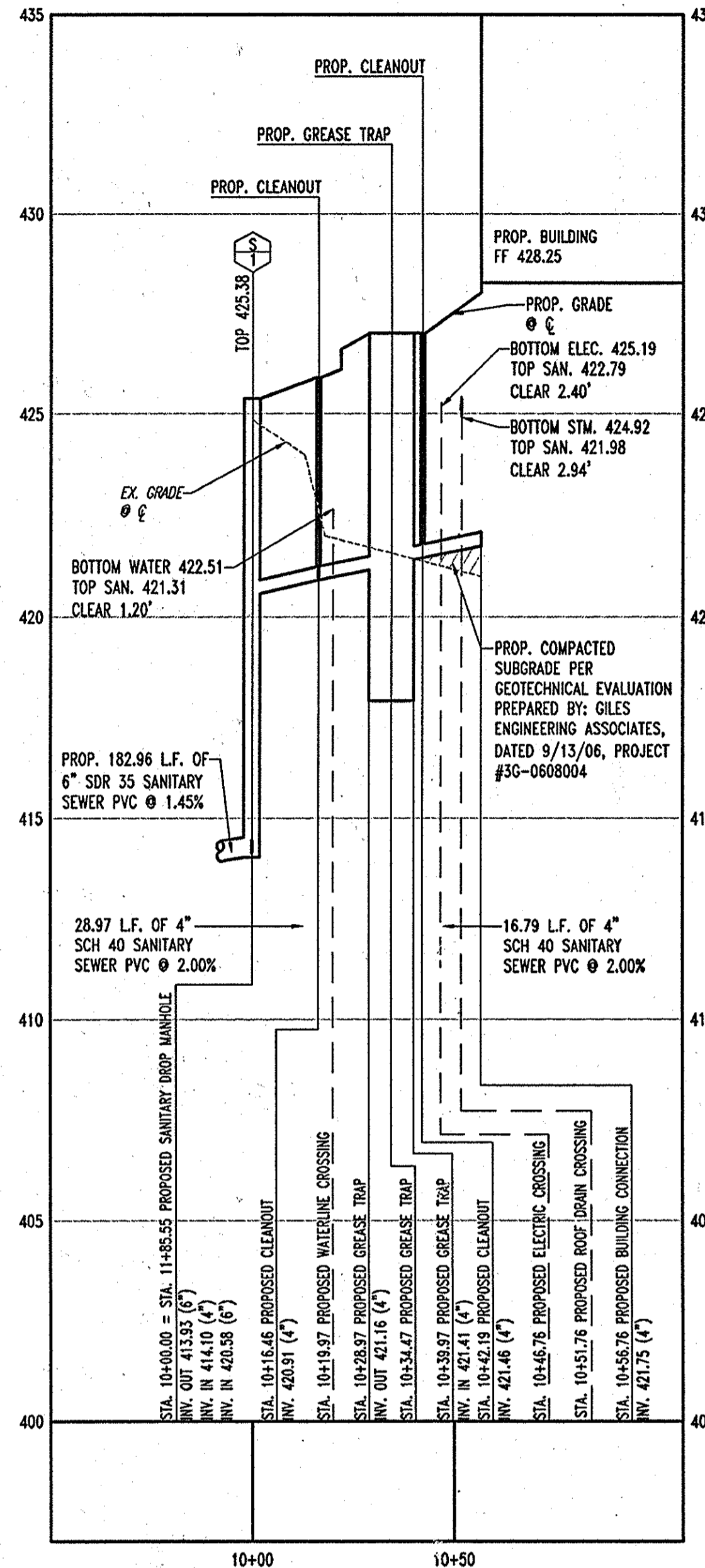
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DRAWN BY: RLB
PROJECT NO.: MD056502.1
DATE: 9/28/06
SCALE: AS SHOWN
DRAWING NO. 8 OF 28
PROFESSIONAL ENGINEER NO. 28567



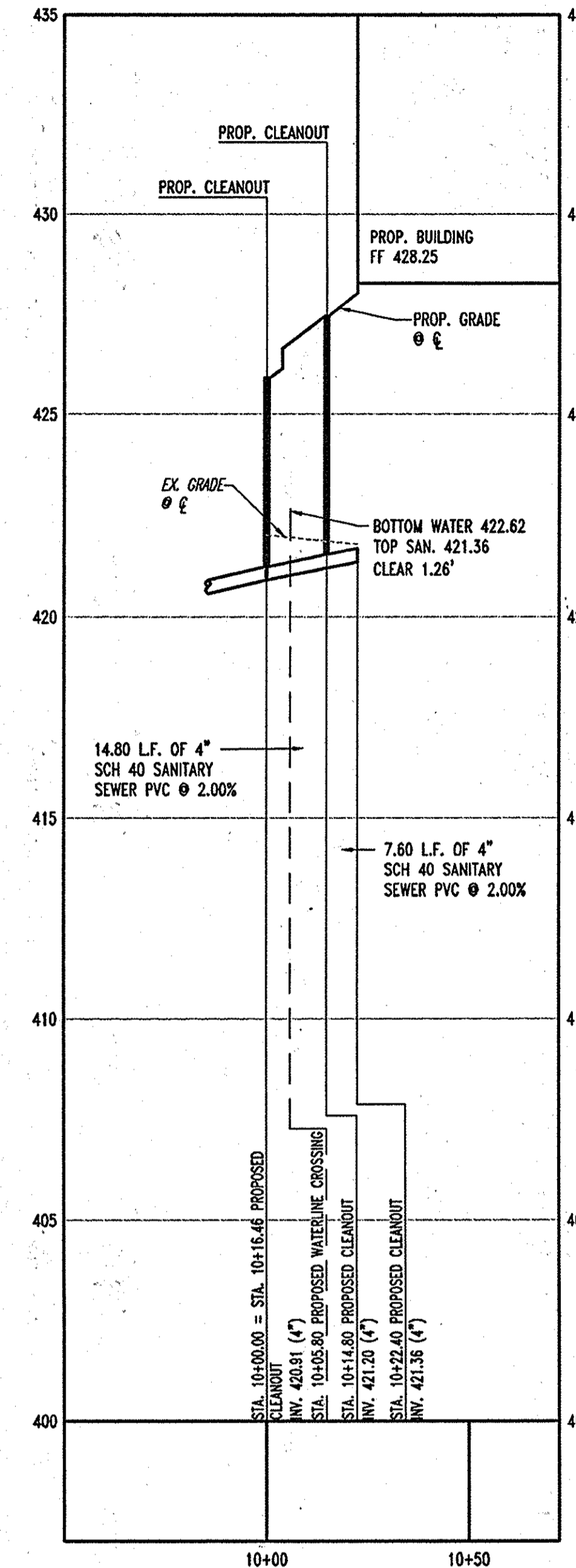
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PROPOSED SANITARY PROFILE 'A'
SCALE: HORZ. 1"=30'
VERT. 1"=3'



PROPOSED SANITARY PROFILE 'B'
SCALE: HORZ. 1"=30'
VERT. 1"=3'



PROPOSED SANITARY PROFILE 'C'
SCALE: HORZ. 1"=30'
VERT. 1"=3'

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AS-BUILT CERTIFICATION

THERE IS NO "AS-BUILT" INFORMATION PROVIDED ON THIS SHEET.

Michael D. Adcock
MICHAEL D. ADCOCK, PROFESSIONAL LAND SURVEYOR
MD REG. NO. 21297, EXPIRATION DATE: 06-16-15

5/15/2013
DATE



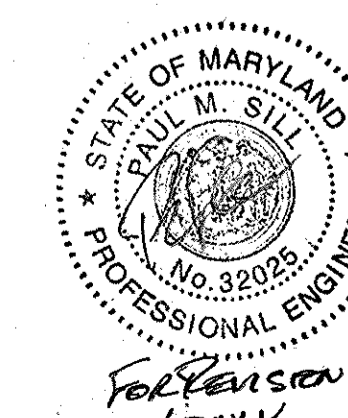
MISS UTILITY



BEFORE YOU DIG CALL
1-800-957-7777
PROJECT YOURSELF, BUT TWO
WORKING DAYS NOTICE

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AS-BUILT

APPROVED: DEPARTMENT OF PLANNING AND ZONING
Michael D. Adcock 7/16/13
CHIEF-DEVELOPMENT ENGINEERING DIVISION DATE
Andy Harvath 8/13/13
CHIEF-DIVISION OF LAND DEVELOPMENT DATE
Frankie K. Cagle 8/13/13
DIRECTOR DATE

APPROVED: FOR PUBLIC WATER AND PUBLIC SEWERAGE SYSTEMS.
Peter Beideman 8/28/13
COUNTY HEALTH OFFICER DATE
HOWARD COUNTY HEALTH DEPARTMENT

| NO. | DATE | REVISION DESCRIPTION |
|-----|---------|----------------------|
| 1 | 4/10/13 | REVISE TITLE |

OWNER: HOPKINS STATION GENERAL PARTNERSHIP
C/O BRANTLY DEVELOPMENT GROUP
8835 COLUMBIA
100 PARKWAY, SUITE P
COLUMBIA, MD 21045
PHONE: (410) 730-0810

DEVELOPER: CHICK-FIL-A
5200 BUFFINGTON ROAD
ATLANTA, GA 30349-2998
C/O SCOTT PATMAN
PHONE: (404) 684-8660

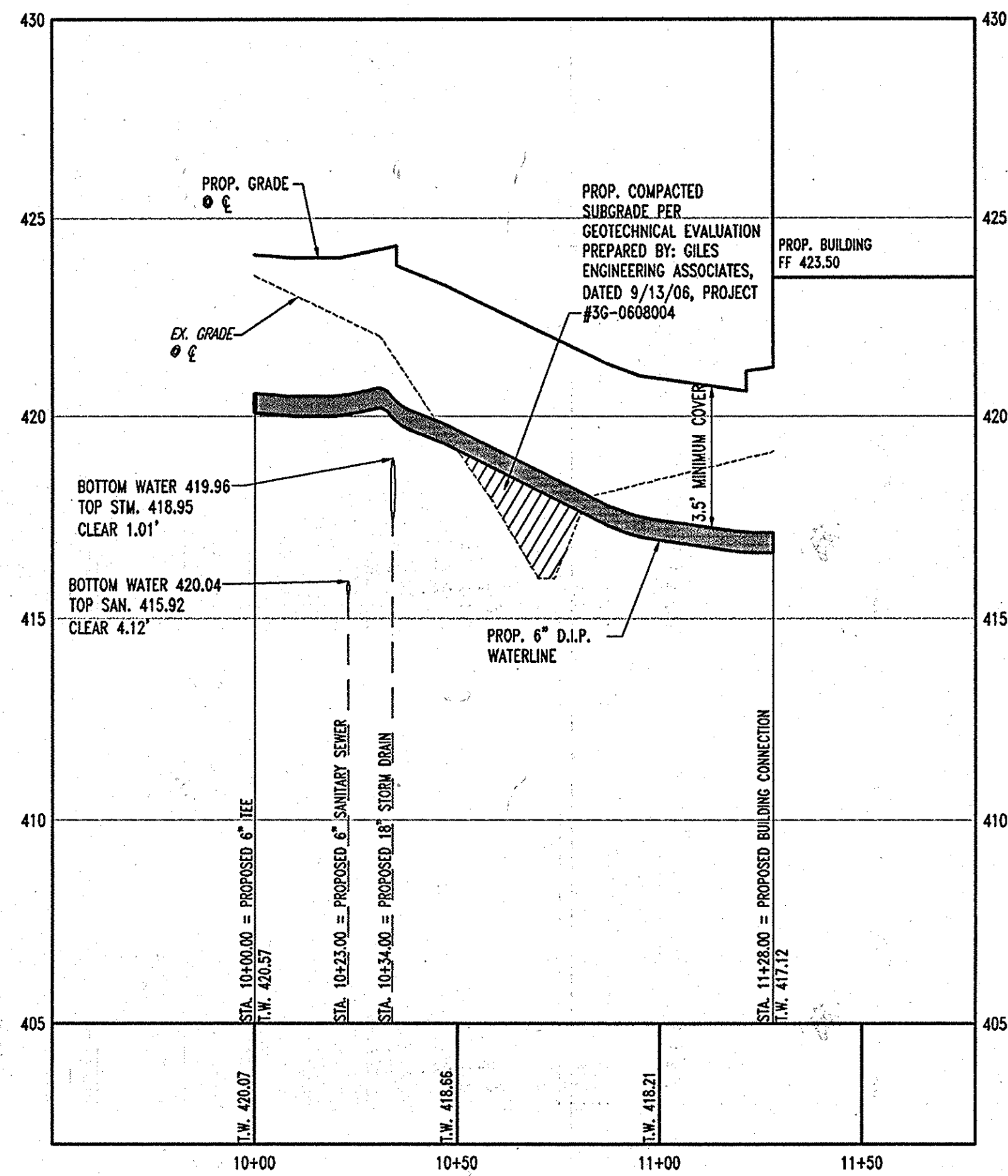
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JOHN HOPKINS ROAD
LAUREL, HOWARD COUNTY, MARYLAND

AREA 3.59 AC. TAX MAP 41 GRID 22 ZONED B-2
PARCEL 425 L. 3,095, F. 39 & L. 7004, F. 653
5TH ELECTION DISTRICT, HOWARD COUNTY, MARYLAND

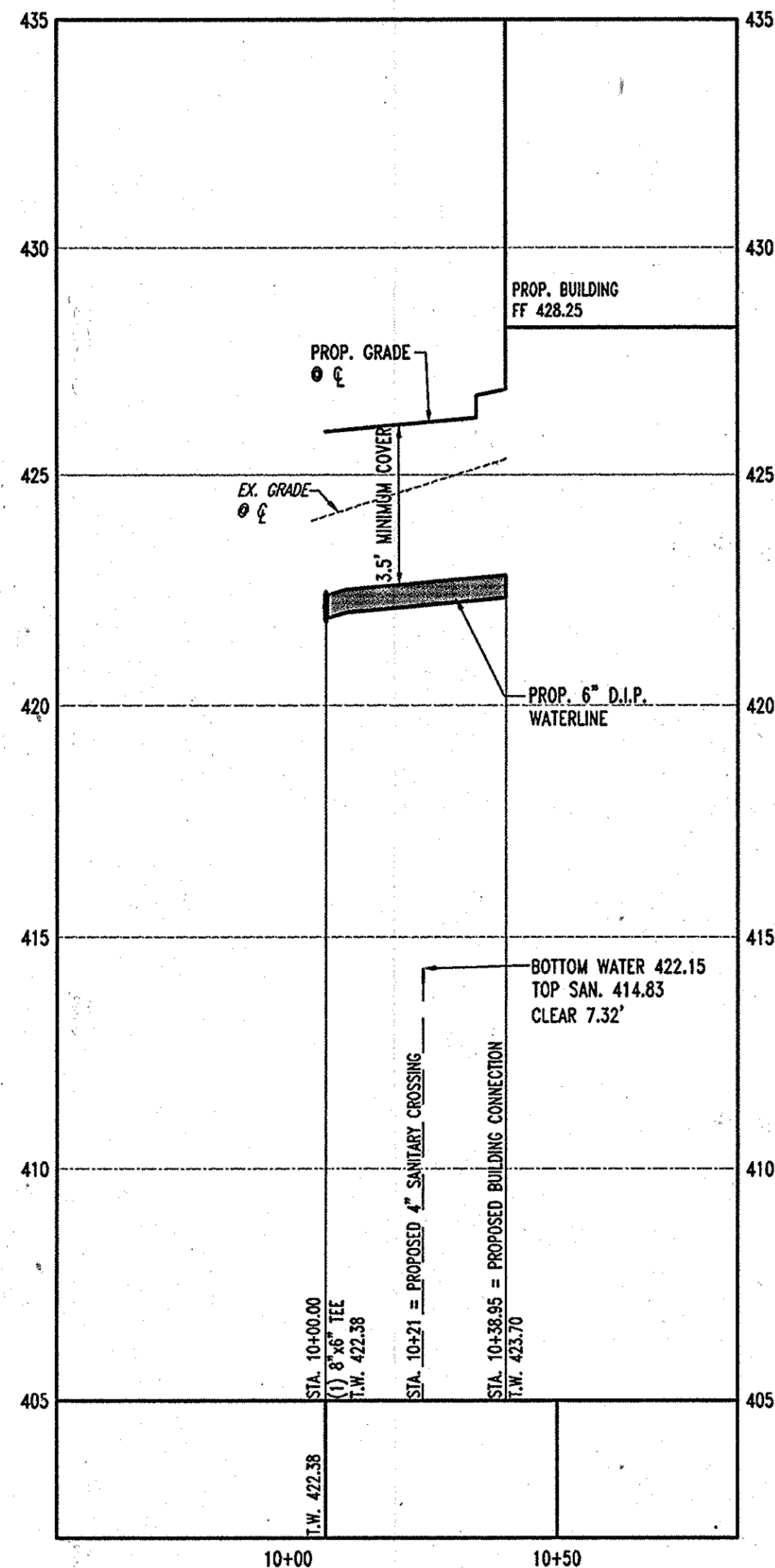
UTILITY PROFILES
BOHLER ENGINEERING, P.C.
PROFESSIONAL ENGINEERING SERVICES
8110 GLENDALE COURT, SUITE 200, TOWSON, MD 21286
410-251-7900 FAX: (410) 851-7967

REVISIONS:
DESIGNED BY: JD
DRAWN BY: RLB
PROJECT NO.: MD056502.1
DATE: 9/28/06
SCALE: AS SHOWN
DRAWING NO. 9 OF 28

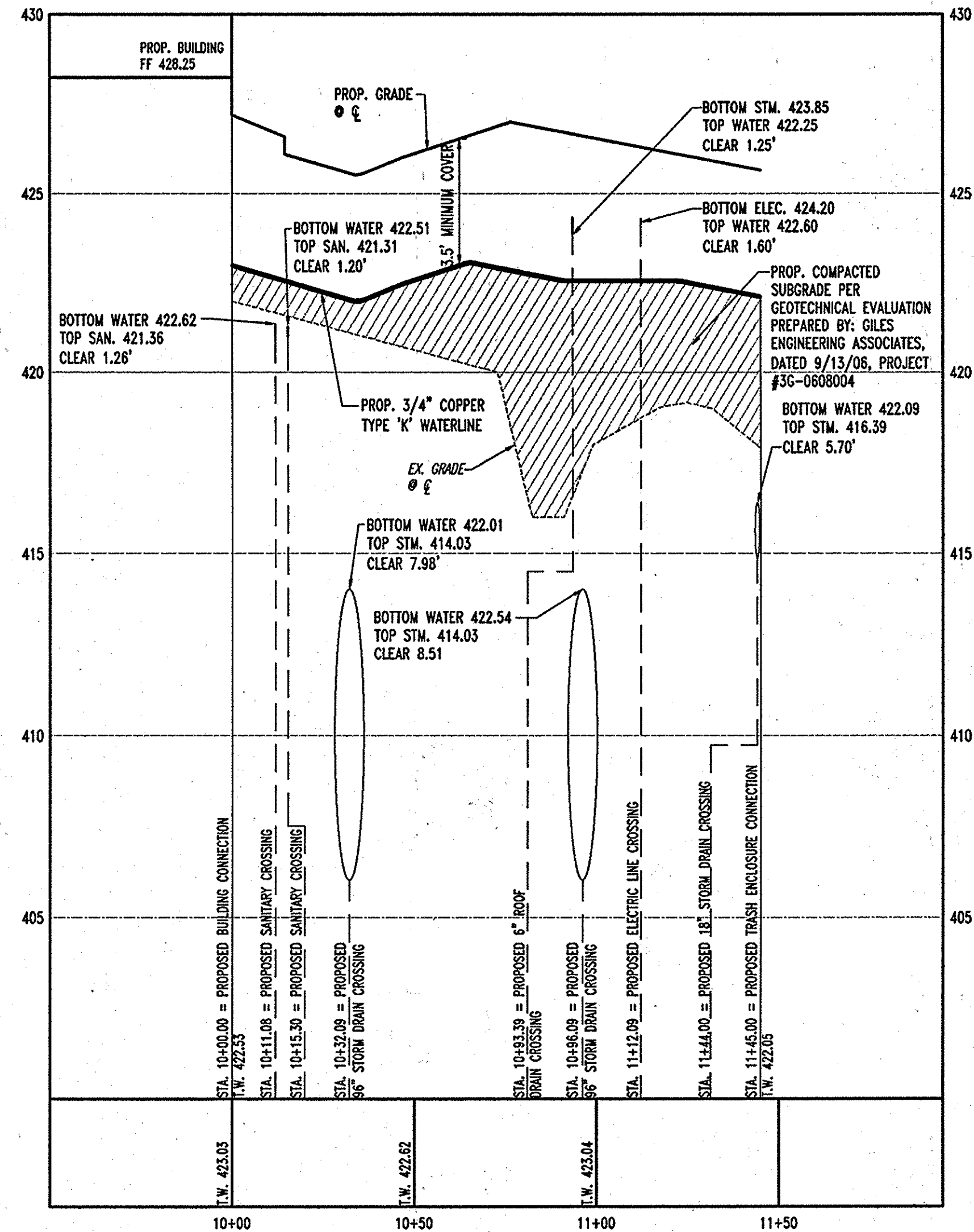




WATERLINE PROFILE 'A'
SCALE: HORIZ. 1"=30'
VERT. 1"=3'



WATERLINE PROFILE 'B'
SCALE: HORIZ. 1"=30'
VERT. 1"=3'

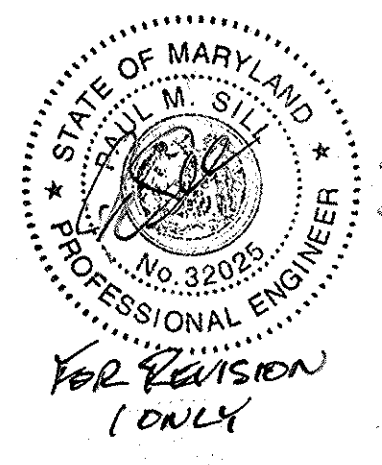


WATERLINE PROFILE 'C'
SCALE: HORIZ. 1"=30'
VERT. 1"=3'

GENERAL NOTE:
IT IS THE RESPONSIBILITY OF THE CONTRACTOR TO REVIEW ALL OF THE DRAWINGS AND SPECIFICATIONS ASSOCIATED WITH THIS PROJECT WORK SCOPE PRIOR TO THE INITIATION OF CONSTRUCTION. SHOULD THE CONTRACTOR FIND A CONFLICT WITH THE DOCUMENTS RELATIVE TO THE SPECIFICATIONS OR APPLICABLE CODES, IT IS THE CONTRACTOR'S RESPONSIBILITY TO NOTIFY BOHLER ENGINEERING, P.C. IN WRITING PRIOR TO THE START OF CONSTRUCTION. FAILURE BY THE CONTRACTOR TO NOTIFY BOHLER ENGINEERING, P.C. SHALL CONSTITUTE ACCEPTANCE OF FULL RESPONSIBILITY BY THE CONTRACTOR TO COMPLETE THE SCOPE OF THE WORK AS DEFINED BY THE DRAWINGS AND IN FULL CONFORMANCE WITH LOCAL REGULATIONS AND CODES.

AS-BUILT CERTIFICATION
THERE IS NO "AS-BUILT" INFORMATION PROVIDED ON THIS SHEET.

Michael D. Adcock
MICHAEL D. ADCOCK, PROFESSIONAL LAND SURVEYOR
MD REG. NO. 21297, EXPIRATION DATE: 06/16/15



MISS UTILITY
BEFORE YOU DIG CALL
1-800-955-7777
PROTECT YOURSELF, BUT TWO WORKING DAYS NOTICE
THIS DRAWING DOES NOT INCLUDE NECESSARY COMPONENTS FOR CONSTRUCTION SAFETY. ALL CONSTRUCTION MUST BE DONE IN COMPLIANCE WITH THE OCCUPATIONAL SAFETY AND HEALTH ACT OF 1970 AND ALL RULES AND REGULATIONS THEREOF APPLICABLE.
THE CONTRACTOR TO CALL MISS UTILITY TO HAVE ALL EXISTING UTILITIES MARKED 48 HOURS PRIOR TO ANY CONSTRUCTION.

AS-BUILT

APPROVED: DEPARTMENT OF PLANNING AND ZONING
Matthew J. Allen 7/19/07
CHIEF-DEVELOPMENT ENGINEERING DIVISION DATE

Cinda Honta 7/19/07
CHIEF-DIVISION & LAND DEVELOPMENT DATE

Paula A. Wright 7/19/07
DIRECTOR DATE

APPROVED: FOR PUBLIC WATER AND PUBLIC SEWERAGE SYSTEMS.
Brianne P. Stein Beilman 8/2/07
COUNTY HEALTH OFFICER DATE
HOWARD COUNTY HEALTH DEPARTMENT

| NO. | DATE | REVISION DESCRIPTION |
|-----|---------|----------------------|
| 1 | 2/12/15 | REVISE TITLE |

OWNER: HOPKINS STATION GENERAL PARTNERSHIP
C/O BRANTLY DEVELOPMENT GROUP
8835 COLUMBIA
100 PARKWAY, SUITE P
COLUMBIA, MD 21045
PHONE: (410) 730-0810

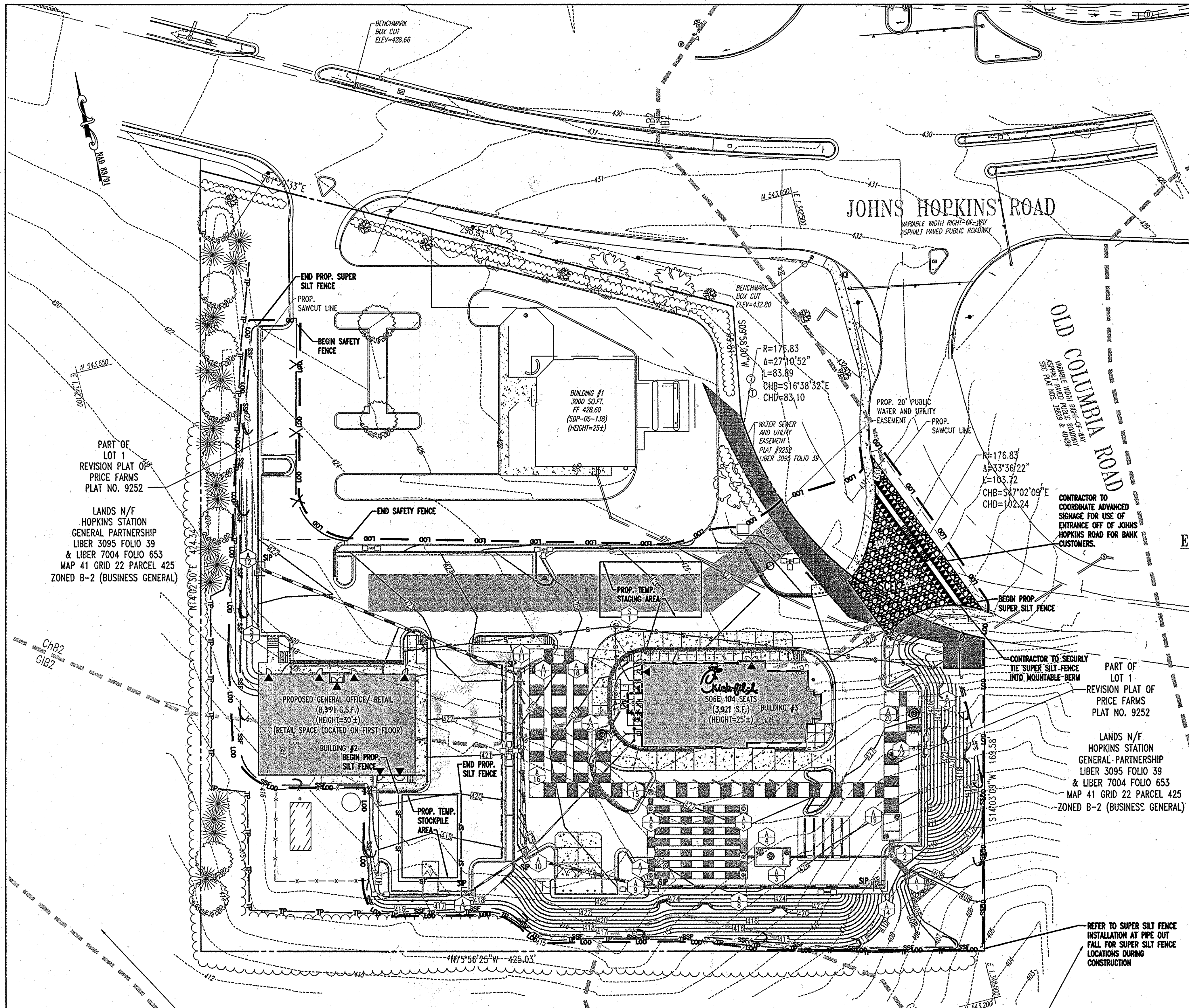
DEVELOPER: CHECK-FIL-A
5200 BUFFINGTON ROAD
ATLANTA, GA 30349-2998
C/O SCOTT PATMAN
PHONE: (404) 684-8660

CHECK-FIL-A RESTAURANT & MEDICAL BUILDING
PART OF LOT 1, HOPKINS STATION (FORMER PRICE FARMS, LOT1)
JOHN HOPKINS ROAD
LAUREL, HOWARD COUNTY, MARYLAND

AREA 3.59 AC. TAX MAP 41 GRID 22 ZONED B-2
PARCEL 425 L. 3.095, F. 39 & L. 7004, F. 653
5TH ELECTION DISTRICT, HOWARD COUNTY, MARYLAND

BOHLER ENGINEERING, P.C.
PROFESSIONAL ENGINEERING SERVICES
8110 GLENDALES COURT, SUITE 300, TOWSON, MD 21286
(410) 851-7900 FAX (410) 851-7901

REVISED: 12/15/06
DESIGNED BY: JD
DRAWN BY: RLB
PROJECT NO.: MD056502.1
DATE: 9/28/06
SCALE: AS SHOWN
DRAWING NO. 10 OF 28
PROFESSIONAL ENGINEER NO. 28567

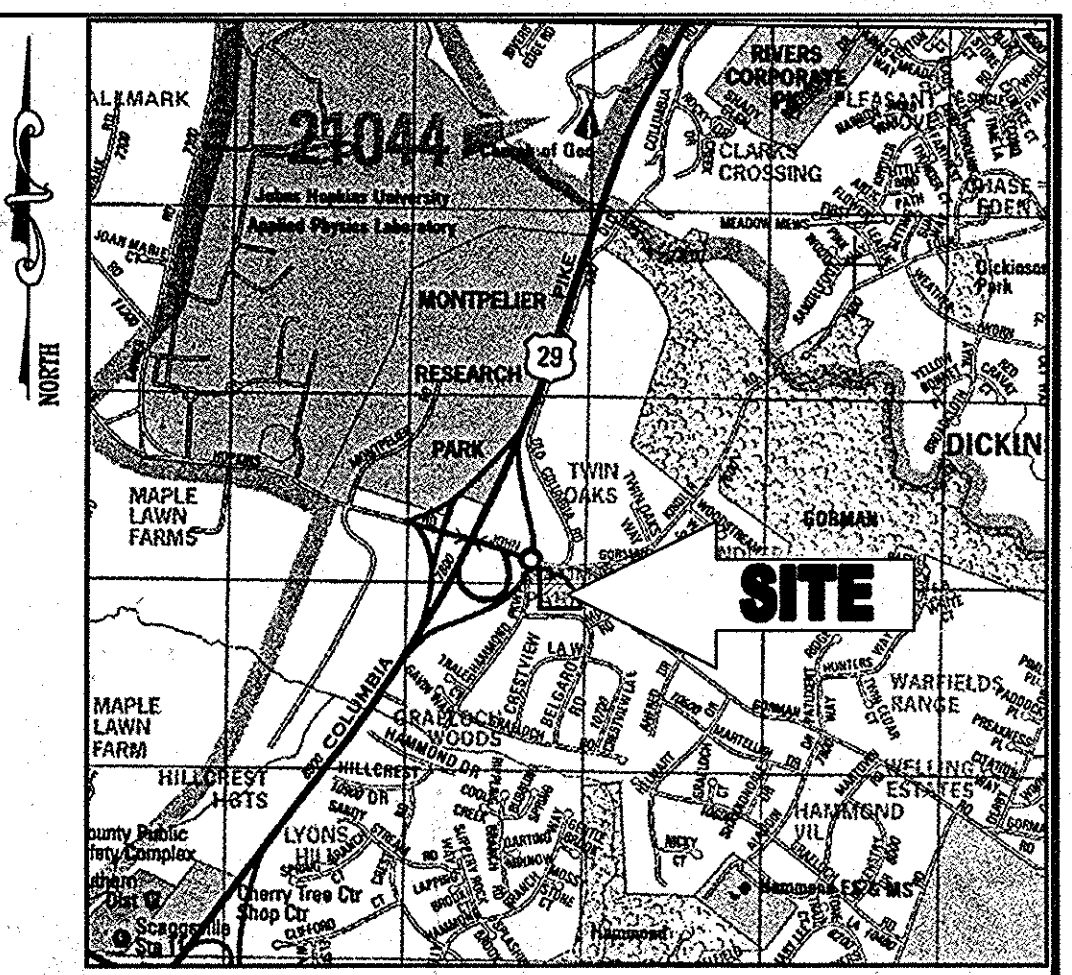
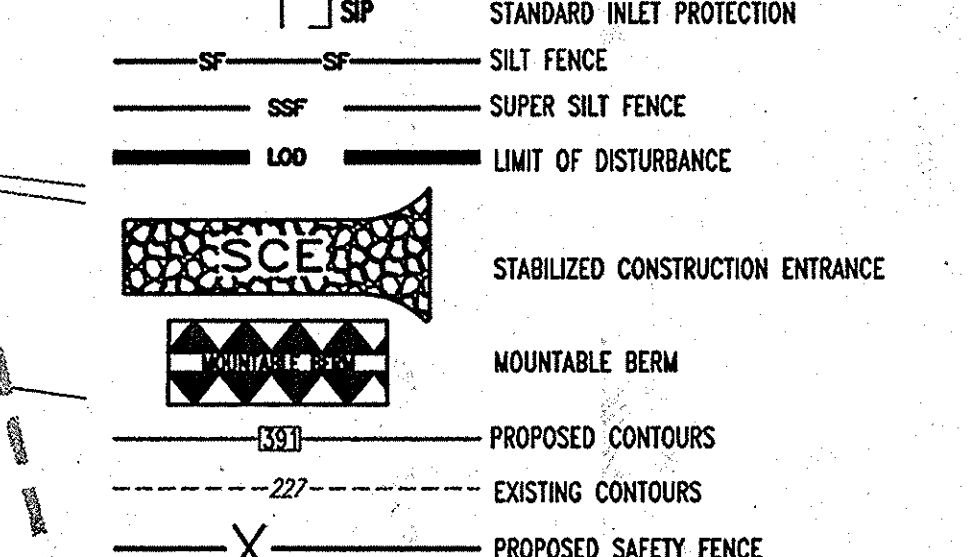


SOIL TYPES
ChB2 CHESTER SILT LOAM, 3-8% SLOPES, MODERATELY ERODED
GIC2 GLENELG LOAM, 8-15% SLOPES, MODERATELY ERODED

EROSION AND SEDIMENT CONTROL QUANTITIES
 LIMIT OF DISTURBANCE = 85,344 S.F. OR 1.96 AC.
 TOTAL NET SITE AREA = 156,380 S.F. OR 3.59 AC.±
 TOTAL IMPERVIOUS AREA = 91,912 S.F. OR 2.11 AC
 AREA TO BE VEGETATED = 64,468 S.F. OR 1.48 AC.
 CUT = 130 CU. YARDS
 FILL = 12,640 CU. YARDS
 SUPER SILT FENCE = 900 L.F.
 SILT FENCE = 128 L.F.
 SAFETY FENCE = 134 L.F.
 TREE PROTECTION = 773 L.F.
 STABILIZED CONSTRUCTION ENTRANCE = 1 EA.
 STANDARD INLET PROTECTION = 6 EA.

NOTE:
 1. THESE QUANTITIES ARE FOR SEDIMENT CONTROL USE ONLY. CONTRACTOR SHALL NOT RELY ON THESE QUANTITIES FOR ESTIMATING AND BIDDING PURPOSES.
 2. ALL REQUIRED FILL TO BE IMPORTED FROM AN APPROVED SITE THAT HAS A FUNCTIONING SEDIMENT CONTROL PROGRAM IN PLACE.
 3. CONTRACTOR TO LIMIT THE AMOUNT OF THE SIDEWALK CONSTRUCTION WITHIN PUBLIC RIGHT-OF-WAY TO THAT WHICH CAN BE COMPLETED WITHIN ONE WORKING DAY. THE CONTRACTOR IS RESPONSIBLE FOR ELIMINATING ANY SEDIMENT CREATED AT THE END OF EACH DAY.

EROSION AND SEDIMENT CONTROL LEGEND



LOCATION MAP
 COPYRIGHT ADD THE MAP PEOPLE
 PERMIT USE NO. 20602153-5
 SCALE: 1"=200'

SEQUENCE OF CONSTRUCTION

- OBTAIN GRADING PERMIT, CONTACT HOWARD COUNTY SEDIMENT CONTROL DIVISION AT (410) 313-1855 (1 DAY)
- PRIOR TO DEMOLITION, INSTALLING SEDIMENT CONTROL MEASURES, OR GRADING, A PRE CONSTRUCTION MEETING MUST BE CONDUCTED ON-SITE. (1 DAY)
- THE LIMITS OF DISTURBANCE MUST BE FIELD MARKED PRIOR TO DEMOLITION, INSTALLATION OF SEDIMENT CONTROL MEASURES, CONSTRUCTION, OR OTHER LAND DISTURBANCE. (2 DAYS)
- INSTALL PROPOSED STABILIZED CONSTRUCTION ENTRANCE. (2 DAYS)
- INSTALL PERIMETER SEDIMENT CONTROL DEVICES: SUPER SILT FENCE AS SHOWN ON PLAN. (5 DAYS)
- ONCE THE SEDIMENT CONTROL DEVICES ARE INSTALLED, THE PERMITEE MUST OBTAIN WRITTEN APPROVAL FROM THE INSPECTOR BEFORE PROCEEDING WITH ANY ADDITIONAL CLEARING, GRUBBING, OR GRADING. (5 DAYS)
- WITH APPROVAL OF THE SEDIMENT CONTROL INSPECTOR, BEGIN ROUGH GRADING AND CONSTRUCT RETAINING WALL ON THE SITE. (14 DAYS)
- CONSTRUCT PROPOSED BUILDING, STORMFILTER, RECHARGE FACILITY, STORAGE PIPES AND UTILITIES. INSTALL ALL INLET PROTECTION AS INLETS ARE INSTALLED. (90 DAYS)
- FINE GRADE ALL DISTURBED AREAS AND STABILIZE SITE. (14 DAYS)
- INSTALL STONE SURFACE AND PAVEMENT BASE COURSE AND STABILIZE ALL DISTURBED AREA AS NECESSARY. (10 DAYS)
- FINE GRADE ALL REMAINING AREAS. (5 DAYS)
- INSTALL SURFACE PAVING. (5 DAYS)
- INSTALL ALL LANDSCAPING. (5 DAYS)
- INSTALL FILTER MEDIA WITHIN THE STORMFILTER. (1 DAY)
- STABILIZE ALL ADDITIONAL DISTURBED AREAS AS REQUIRED AND WITH PERMISSION OF THE SEDIMENT CONTROL INSPECTOR, REMOVE ALL REMAINING SEDIMENT CONTROL DEVICES. (2 DAYS)

AS-BUILT

APPROVED: DEPARTMENT OF PLANNING AND ZONING
 [Signature] 7/19/07
 CHIEF-DEVELOPMENT ENGINEERING DIVISION
 [Signature] 8/2/07
 CHIEF-DIVISION & LAND DEVELOPMENT
 [Signature] 8/2/07
 DIRECTOR

APPROVED: FOR PUBLIC WATER AND PUBLIC SEWERAGE SYSTEMS.
 [Signature] 8/2/07
 COUNTY HEALTH OFFICER
 HOWARD COUNTY HEALTH DEPARTMENT

REVIEWED FOR HOWARD SCD AND MEETS TECHNICAL REQUIREMENTS
 [Signature] 7/17/07
 USFWS NATURAL RESOURCES CONSERVATION SERVICE DATE

THIS DEVELOPMENT PLAN IS APPROVED FOR SOIL EROSION AND SEDIMENT CONTROL BY THE HOWARD SOIL CONSERVATION DISTRICT.
 [Signature] 7/17/07
 HOWARD SCD DATE

ENGINEER'S CERTIFICATE
 "I CERTIFY THAT THIS PLAN FOR EROSION AND SEDIMENT CONTROL REPRESENTS A PRACTICAL AND WORKABLE PLAN BASED ON MY PERSONAL KNOWLEDGE OF THE SITE CONDITIONS. THIS PLAN WAS PREPARED IN ACCORDANCE WITH THE REQUIREMENTS OF THE HOWARD COUNTY SOIL CONSERVATION DISTRICT."
 [Signature] 7/6/07
 SIGNATURE OF ENGINEER (PRINT NAME BELOW SIGNATURE)
 PRINT NAME
 DATE

DEVELOPER'S CERTIFICATE
 "I/WE CERTIFY THAT ALL DEVELOPMENT AND CONSTRUCTION WILL BE DONE ACCORDING TO THIS PLAN FOR SEDIMENT AND EROSION CONTROL, AND THAT ALL RESPONSIBLE PERSONNEL INVOLVED IN THE CONSTRUCTION PROJECT WILL HAVE A CERTIFICATE OF ATTENDANCE AT A DEPARTMENT OF THE ENVIRONMENT APPROVED TRAINING PROGRAM FOR THE CONTROL OF SEDIMENT AND EROSION BEFORE BEGINNING THE PROJECT. I ALSO AUTHORIZE PERIODIC ON-SITE INSPECTION BY THE HOWARD SOIL CONSERVATION DISTRICT."
 [Signature] 9/28/06
 SIGNATURE OF DEVELOPER (PRINT NAME BELOW SIGNATURE)
 PRINT NAME
 DATE

MISS UTILITY
 BEFORE YOU DIG CALL
 1-800-357-7777
 PROJECT YOURSELF, SAVE TWO WORKING DAYS NOTICE

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THE CONTRACTOR TO CALL MISS UTILITY TO HAVE ALL EXISTING UTILITIES MARKED 48 HOURS PRIOR TO ANY CONSTRUCTION.

APPROVED: DEPARTMENT OF PLANNING AND ZONING
 [Signature] 7/19/07
 CHIEF-DEVELOPMENT ENGINEERING DIVISION
 [Signature] 8/2/07
 CHIEF-DIVISION & LAND DEVELOPMENT
 [Signature] 8/2/07
 DIRECTOR

APPROVED: FOR PUBLIC WATER AND PUBLIC SEWERAGE SYSTEMS.
 [Signature] 8/2/07
 COUNTY HEALTH OFFICER
 HOWARD COUNTY HEALTH DEPARTMENT

OWNER: HOPKINS STATION GENERAL PARTNERSHIP
 C/O BRANTLY DEVELOPMENT GROUP
 8835 COLUMBIA
 100 PARKWAY, SUITE P
 COLUMBIA, MD 21045
 PHONE: (410) 730-0810

DEVELOPER: CHICK-FIL-A
 5200 BUFFINGTON ROAD
 ATLANTA, GA 30349-2998
 C/O SCOTT PATMAN
 PHONE: (404) 684-8660

CHICK-FIL-A RESTAURANT & MEDICAL BUILDING
 PART OF LOT 1, HOPKINS STATION (FORMER PRICE FARMS, LOT1)
 JOHNS HOPKINS ROAD
 LAUREL, HOWARD COUNTY, MARYLAND

AREA 3.59 AC. TAX MAP 41 GRID 22 ZONED B-2
 PARCEL 425 L. 3,095, F. 39 & L. 7004, F. 655
 5TH ELECTION DISTRICT, HOWARD COUNTY, MARYLAND

EROSION AND SEDIMENT CONTROL PLAN

BOHLER ENGINEERING, P.C.
 PROFESSIONAL ENGINEERING SERVICES
 #810 GLENMARGES COURT, SUITE 300, TOWSON, MD 21286+
 (410) 851-7900 (FAX) (410) 851-7901 (CELL)

REVISIONS:
 1 12/06/07 REY. BLDG. AREA 4 ACCESS PIER LOCATIONS
 2 2/21/08 IRRIGATION LINE & CFA SERVICE YARD REVISIONS
 3 04/09/08 BIZE & DECK REVISED FOR CFA BUILDING

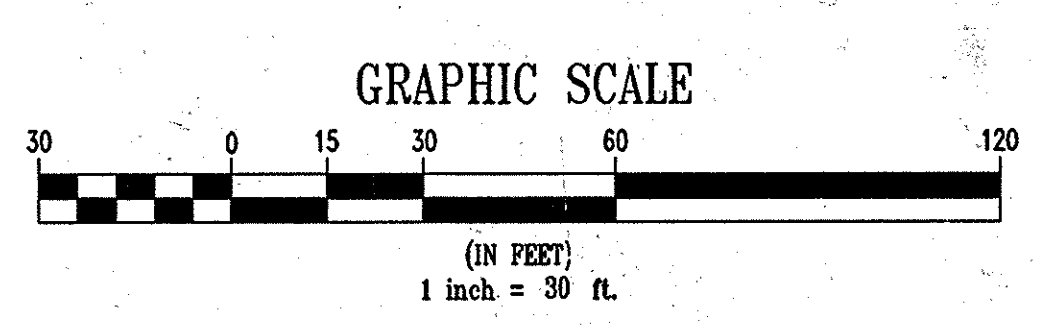
REVISION 2 ONLY
 REVISION 1 ONLY
 REVISION 3 ONLY

DESIGNED BY: JD
 DRAWN BY: RLB
 PROJECT NO.: MD056502.1
 DATE: 9/28/06
 SCALE: 1"=30'
 DRAWING NO. 11 OF 28

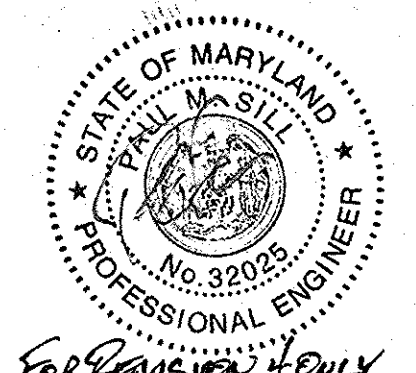
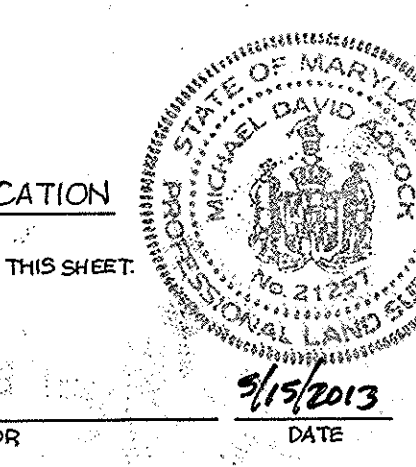
SDP # 07-033

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LANDS N/F
 JAMES ALAN PRICE
 LIBER 5359 FOLIO 489
 JAMES ALAN PRICE, TR. OF THE MILDRED B. PRICE
 FAMILY LIVING TRUST
 LIBER 5359 FOLIO 486
 MAP 41 GRID 22 PARCEL 128
 ZONED RR-MXD-3 (RESIDENTIAL)



AS-BUILT CERTIFICATION
 THERE IS NO "AS-BUILT" INFORMATION PROVIDED ON THIS SHEET.
 [Signature] 9/19/2013
 MICHAEL D. ADCOCK, PROFESSIONAL LAND SURVEYOR
 MD REG. NO. 21297, EXPIRATION DATE: 06-16-19



H:\03\Chick-fil-a\MD056502\SDP SET Rev. 3\MD056502.1\SDP.dwg, 7/19/2007 8:59:02 AM, gpedrify

STANDARDS AND SPECIFICATIONS FOR VEGETATIVE STABILIZATION WITH SOD

- SPECIFICATIONS:**
- CLASS OF TURFGRASS SOD SHALL BE MARYLAND STATE CERTIFIED, OR MARYLAND STATE APPROVED SOD.
 - SOD SHALL BE MACHINE CUT AT A UNIFORM SOIL THICKNESS OF 3/4 INCH PLUS OR MINUS 1/4 INCH, AT THE TIME OF CUTTING. MEASUREMENT FOR THICKNESS SHALL EXCLUDE TOP GROWTH AND THATCH.
 - STANDARD SIZE SECTIONS OF SOD SHALL BE STRONG ENOUGH TO SUPPORT THEIR OWN WEIGHT AND RETAIN THEIR SHAPE WHEN SUSPENDED VERTICALLY WITH A FIRM GRASP ON THE UPPER 10 PERCENT OF THE SECTION.
 - INDIVIDUAL PIECES OF SOD SHALL BE CUT TO THE SUPPLIERS WIDTH AND LENGTH. MAXIMUM ALLOWABLE DEVIATION FROM STANDARD WIDTHS AND LENGTHS SHALL BE 5 PERCENT. BROKEN PADS AND TORN OR UNEVEN ENDS WILL NOT BE ACCEPTABLE.
 - SOD SHALL NOT BE HARVESTED OR TRANSPLANTED WHEN MOISTURE CONTENT (EXCESSIVELY DRY OR WET) MAY ADVERSELY AFFECT ITS SURVIVAL.
 - SOD SHALL BE HARVESTED, DELIVERED AND INSTALLED WITHIN A PERIOD OF 36 HOURS. SOD NOT TRANSPORTED WITHIN THIS PERIOD SHALL BE INSPECTED AND APPROVED PRIOR TO INSTALLATION.

SITE PREPARATION:
FERTILIZER AND LIME APPLICATION RATES SHALL BE DETERMINED BY SOIL TEST. UNDER UNUSUAL CIRCUMSTANCES WHERE THERE IS INSUFFICIENT TIME FOR A COMPLETE SOIL TEST, FERTILIZER AND LIME MATERIALS MAY BE APPLIED IN AMOUNTS SHOWN UNDER B, BELOW.

A. PRIOR TO SODDING, THE SURFACE SHALL BE CLEARED OF ALL TRASH, DEBRIS AND OF ALL ROOTS, BRUSH, WIRE, GRADE STAKES AND OTHER OBJECTS THAT WOULD INTERFERE WITH PLANTING, FERTILIZING OR MAINTENANCE OPERATIONS.

B. WHERE THE SOIL IS ACID OR COMPOSED OF HEAVY CLAYS, GROUND LIMESTONE SHALL BE SPREAD AT THE RATE OF 2 TONS PER ACRE (100 LBS./1000 SQ. FT.) IN ALL SQUARE FEET OF 10-10-10 FERTILIZER OR EQUIVALENT SHALL BE UNIFORMLY APPLIED AND MIXED INTO THE TOP 3 INCHES OF SOIL WITH THE REQUIRED LIME.

C. ALL AREAS RECEIVING SOD SHALL BE UNIFORMLY FINE GRADED. HARD PACKED EARTH SHALL BE SCARIFIED PRIOR TO PLACEMENT OF SOD.

SOD INSTALLATION:

A. DURING PERIODS OF EXCESSIVELY HIGH TEMPERATURE THE SOIL SHALL BE LIGHTLY IRRIGATED IMMEDIATELY PRIOR TO LAYING SOD.

B. 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. INSURE THAT SOD IS NOT STRETCHED OR OVERLAPPED AND THAT ALL JOINTS ARE BUTTED TIGHT IN ORDER TO PREVENT VOIDS WHICH COULD CAUSE AIR DRYING OF THE ROOTS.

C. ON SLOPING AREAS WHERE EROSION MAY BE A PROBLEM, SOD SHALL BE LAID WITH THE LONG EDGES PARALLEL TO THE CONTOUR AND WITH STAGGERED JOINTS. SECURE THE SOD BY TAMPING AND PEGGING OR OTHER APPROVED METHODS.

D. AS SODDING IS COMPLETED IN ANY ONE SECTION, THE ENTIRE AREA SHALL BE ROLLED OR TAMPED TO INSURE SOIL CONTACT OF ROOTS WITH THE SOIL SURFACE. SOD SHALL BE WATERED IMMEDIATELY AFTER ROLLING AND TAMPING UNTIL THE UNDERSIDE OF THE NEW SOD PAD AND SOIL SURFACE BELOW THE SOD AREA THOROUGHLY WET. THE OPERATIONS OF LAYING, TAMPING AND IRRIGATING FOR ANY PIECE OF SOD SHALL BE COMPLETED WITHIN EIGHT HOURS.

SOD MAINTENANCE:

A. 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 INCHES. WATERING SHOULD BE DONE DURING THE HEAT OF THE DAY TO PREVENT WILTING.

B. AFTER THE FIRST WEEK, SOD SHALL BE WATERED AS NECESSARY TO MAINTAIN ADEQUATE MOISTURE AND INSURE ESTABLISHMENT.

C. FIRST MOWING SHOULD NOT BE ATTEMPTED UNTIL SOD IS FIRMLY ROOTED. NO MORE THAN 1/3 OF THE GRASS LEAF SHALL BE REMOVED BY THE INITIAL CUTTING OR SUBSEQUENT CUTTINGS. GRASS HEIGHT SHALL BE MAINTAINED BETWEEN 2 AND 3 INCHES UNLESS OTHERWISE SPECIFIED.

HOWARD SOIL CONSERVATION DISTRICT STANDARD SEDIMENT CONTROL NOTES

- A MINIMUM OF 48 HOURS NOTICE MUST BE GIVEN TO THE HOWARD COUNTY DEPARTMENT OF INSPECTIONS, LICENSES AND PERMITS, SEDIMENT CONTROL DIVISION, PRIOR TO THE START OF ANY CONSTRUCTION. (315-2231)
- ALL VEGETATIVE AND STRUCTURAL PRACTICES ARE TO BE INSTALLED ACCORDING TO THE PROVISIONS OF THIS PLAN AND ARE TO BE IN CONFORMANCE WITH THE "1994 MARYLAND STANDARDS AND SPECIFICATIONS FOR SOIL EROSION AND SEDIMENT CONTROL", AND REVISIONS THERETO.
- FOLLOWING INITIAL SOIL DISTURBANCE OR REDISTURBANCE, PERMANENT OR TEMPORARY STABILIZATION SHALL BE COMPLETED WITHIN: A) 7 CALENDAR DAYS FOR ALL PERIMETER SEDIMENT CONTROL STRUCTURES, DIKES, PERIMETER SLOPES AND ALL SLOPES STEEPER THAN 3:1, B) 14 DAYS AS TO ALL OTHER DISTURBED OR GRADED AREAS ON THE PROJECT SITE.
- ALL SEDIMENT TRAPS/BASINS SHOWN MUST BE FENCED AND WARNING SIGNS POSTED AROUND THE PERIMETER IN ACCORDANCE WITH VOL. 1, CHAPTER 7 OF "HOWARD COUNTY DESIGN MANUAL", STORM DRAINAGE.
- ALL DISTURBED AREAS MUST BE STABILIZED WITHIN THE TIME PERIOD SPECIFIED ABOVE IN ACCORDANCE WITH THE "1994 MARYLAND STANDARDS AND SPECIFICATIONS FOR SOIL EROSION AND SEDIMENT CONTROL" FOR PERMANENT SEEDING, SOD, TEMPORARY SEEDING, AND MULCHING (SEC. 6) TEMPORARY STABILIZATION WITH MULCH ALONE SHALL ONLY BE DONE WHEN RECOMMENDED SEEDING DATES DO NOT ALLOW FOR PROPER GERMINATION AND ESTABLISHMENT OF GRASSES.
- ALL SEDIMENT CONTROL STRUCTURES ARE TO REMAIN IN PLACE AND ARE TO BE MAINTAINED IN OPERATIVE CONDITION UNTIL PERMITS FOR THEIR REMOVAL HAS BEEN OBTAINED FROM THE HOWARD COUNTY SEDIMENT CONTROL INSPECTOR.
- SITE ANALYSIS:**
TOTAL SITE AREA - 156,300 S.F. OR 3.59 AC.
AREA DISTURBED - 86,001 S.F. OR 1.97 AC.
TOTAL CUT - 130 CU. YDS.
TOTAL FILL - 12,640 CU. YDS.
OFFSITE WASTE/BORROW LOCATION - TO BE RELOCATED BY THE DEVELOPER TO AN APPROVED LOCATION WITH AN APPROVED PERMIT AND SEDIMENT CONTROL PLAN.
- ANY SEDIMENT CONTROL PRACTICE WHICH IS DISTURBED BY GRADING ACTIVITY FOR PLACEMENT OF UTILITIES MUST BE REPAIRED ON THE SAME DAY OF DISTURBANCE.
- ADDITIONAL SEDIMENT CONTROL MUST BE PROVIDED, IF DEEMED NECESSARY BY THE HOWARD COUNTY SEDIMENT CONTROL INSPECTOR.
- ON ALL SITES WITH DISTURBED AREAS EXCESS OF 2 ACRES, APPROVAL OF THE INSPECTION AGENCY SHALL BE REQUESTED UPON COMPLETION OF INSTALLATION OF PERIMETER EROSION AND SEDIMENT CONTROLS, BUT BEFORE PROCEEDING WITH ANY OTHER EARTH DISTURBANCE OR GRADING. OTHER BUILDING OR GRADING INSPECTION APPROVALS MAY NOT BE AUTHORIZED UNTIL INITIAL APPROVAL BY THE INSPECTION AGENCY IS MADE.
- TRENCHES FOR THE CONSTRUCTION OF UTILITIES IS LIMITED TO THREE PIPE LENGTHS OR THAT WHICH SHALL BE BACK FILLED AND STABILIZED WITHIN ONE WORKING DAY, WHICHEVER IS SHORTER.

TOPSOIL CONSTRUCTION AND MATERIAL SPECIFICATIONS

- TOPSOIL SALVAGED FROM THE EXISTING SITE MAY BE USED PROVIDED THAT IT MEETS THE STANDARDS AS SET FORTH IN THESE SPECIFICATIONS. TYPICALLY, THE DEPTH OF TOPSOIL TO BE SALVAGED FOR A GIVEN SOIL TYPE CAN BE FOUND IN THE REPRESENTATIVE SOIL PROFILE SECTION IN THE SOIL SURVEY PUBLISHED BY USDA-SCS IN COOPERATION WITH MARYLAND AGRICULTURAL EXPERIMENTAL STATION.
- TOPSOIL SPECIFICATIONS - SOIL TO BE USED AS TOPSOIL MUST MEET THE FOLLOWING:
 - TOPSOIL SHALL BE LOAM, SANDY LOAM, CLAY LOAM, SILT LOAM, SANDY CLAY LOAM, LOAMY SAND. OTHER SOILS MAY BE USED IF RECOMMENDED BY AN AGRONOMIST OR SOIL SCIENTIST AND APPROVED BY THE APPROPRIATE APPROVAL AUTHORITY. REGARDLESS, TOPSOIL SHALL NOT BE A MIXTURE OF CONTRASTING TEXTURED SUBSOILS AND SHALL CONTAIN LESS THAN 5% BY VOLUME OF CHINDERS, STONES, SLAG, COARSE FRAGMENTS, GRAVEL, STICKS, ROOTS, TRASH, OR OTHER MATERIALS LARGER THAN 1 1/2" IN DIAMETER.
 - TOPSOIL MUST BE FREE OF PLANTS OR PLANT PARTS SUCH AS BERBERIS, QUACKGRASS, JOHNSON GRASS, NUTSEDGE, POISON IVY, THISTLE, OR OTHERS AS SPECIFIED IN THE 1994 MARYLAND STANDARDS AND SPECIFICATIONS FOR SOIL EROSION & SEDIMENTATION CONTROL.
 - WHERE THE SUBSOIL IS EITHER HIGHLY ACIDIC OR COMPOSED OF HEAVY CLAYS, GROUND LIMESTONE SHALL BE SPREAD AT THE RATE OF 4-8 TONS PER ACRE (200-400 LBS./1000 SQ. FT.) PRIOR TO PLACEMENT OF TOPSOIL. LIME SHALL BE DISTURBED UNIFORMLY OVER DESIGNATED AREAS AND WORKED INTO THE SOIL IN CONJUNCTION WITH TILLAGE OPERATIONS AS DESCRIBED IN THE FOLLOWING PROCEDURES.
- FOR SITES HAVING DISTURBED AREAS UNDER 5 ACRES:
 - PLACE TOPSOIL (IF REQUIRED) AND APPLY SOIL AMENDMENTS AS SPECIFIED IN 2.0. VEGETATIVE STABILIZATION - SECTION 1 - VEGETATIVE STABILIZATION METHODS AND MATERIALS.
- TOPSOIL APPLICATION
 - WHEN TOPSOILING, MAINTAIN NEEDED EROSION AND SEDIMENT CONTROL PRACTICES SUCH AS DIVERSIONS, GRADE STABILIZATION STRUCTURES, EARTH DIKES, SLOPE SILT FENCE AND SEDIMENT TRAPS AND BASINS.
 - GRADES ON THE AREAS TO BE TOPSOILED, WHICH HAVE BEEN PREVIOUSLY ESTABLISHED, SHALL BE MAINTAINED, ALBERT 4" - 8" HIGHER IN ELEVATION.
 - TOPSOIL SHALL BE UNIFORMLY DISTRIBUTED IN A 4" - 8" LAYER AND LIGHTLY COMPACTED TO A MINIMUM THICKNESS OF 4". SPREADING SHALL BE PERFORMED IN SUCH A MANNER THAT SODDING OR SEEDING CAN PROCEED WITH A MINIMUM OF ADDITIONAL SOIL PREPARATION AND TILLAGE. ANY IRREGULARITIES IN THE SURFACE RESULTING FROM TOPSOILING OR OTHER OPERATIONS SHALL BE CORRECTED IN ORDER TO PREVENT THE FORMATION OF DEPRESSIONS OR WATER POCKETS.
- THESE TOPSOIL SPECIFICATIONS HAVE BEEN EDITED FROM THE 1994 EROSION AND SEDIMENT CONTROL STANDARDS TO FIT THIS PROJECT. IT IS STILL THE INTENTION TO FOLLOW THE REFERENCED 1994 EROSION AND SEDIMENT CONTROLS STANDARDS IN THEIR ENTIRETY.

PERMANENT SEEDING NOTES

APPLY TO GRADED OR CLEARED AREA NOT SUBJECT TO IMMEDIATE FURTHER DISTURBANCE WHERE A PERMANENT LONG-LIVED VEGETATIVE COVER IS NEEDED.

SEEDBED PREPARATION: LOOSEN UPPER 3 INCHES OF SOIL BY RAKING, DISCING OR OTHER ACCEPTABLE MEANS BEFORE SEEDING (UNLESS PREVIOUSLY LOOSENEED).

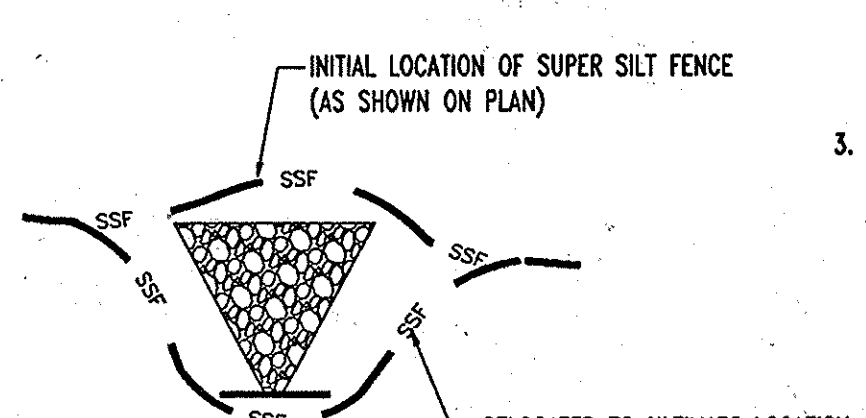
SOIL AMENDMENTS: IN LIEU OF SOIL TEST RECOMMENDATIONS, USE ONE OF THE FOLLOWING SCHEDULES:

- PREFERRED - APPLY 2 TONS PER ACRE DOLOMITIC LIMESTONE (92 LBS./1000 SQ. FT.) AND 600 LBS. PER ACRE 10-10-10 FERTILIZER (14 LBS./1000 SQ. FT.) BEFORE SEEDING. HARROW OR DISC INTO UPPER THREE INCHES OF SOIL AT TIME OF SEEDING, APPLY 400 LBS. PER ACRE 30-0-0 AREAFORM FERTILIZER (9 LBS./1000 SQ. FT.)
- ACCEPTABLE - APPLY 2 TONS PER ACRE DOLOMITIC LIMESTONE (92 LBS./1000 SQ. FT.) AND 1000 LBS. PER ACRE 10-10-10 FERTILIZER (23 LBS./1000 SQ. FT.) BEFORE SEEDING. HARROW OR DISC INTO UPPER THREE INCHES OF SOILS.

SEEDING: FOR THE PERIODS MARCH 1 THROUGH APRIL 30, AND AUGUST 1 THROUGH OCTOBER 15, SEED WITH 60 LBS. PER ACRE (1.4 LBS./1000 SQ. FT.) OF KENTUCKY 31 TALL FESCUE PER ACRE AND 2 LBS. PER ACRE (.05 LBS./1000 SQ. FT.) OF WEEPING LOVEGRASS. DURING THE PERIOD OF OCTOBER 16 THROUGH FEBRUARY 28, PROTECT SITE BY: OPTION (1) 2 TONS PER ACRE OF WELL ANCHORED STRAW MULCH AND SEED AS SOON AS POSSIBLE IN THE SPRING. OPTION (2) USE SOD. OPTION (3) SEED WITH 60 LBS./ACRE KENTUCKY 31 TALL FESCUE AND MULCH WITH 2 TONS/ACRE WELL ANCHORED STRAW.

MULCHING: APPLY 1 1/2 TO 2 TONS PER ACRE (70 TO 90 LBS./1000 SQ. FT.) OF UNROTTED SMALL GRASS STRAW IMMEDIATELY AFTER SEEDING. ANCHOR MULCH IMMEDIATELY AFTER APPLICATION USING MULCH ANCHORING TOOL OR 218 GALLONS PER ACRE (5 GALS./1000 SQ. FT.) OF EMULSIFIED ASPHALT ON FLAT AREA. ON SLOPES 8 FEET OR HIGHER, USE 348 GALLONS PER ACRE (8 GALS./1000 SQ. FT.) FOR ANCHORING.

MAINTENANCE: INSPECT ALL SEEDING AREAS AND MAKE NEEDED REPAIRS, REPLACEMENTS AND RESEEDINGS.



TEMPORARY SEEDING NOTES

APPLY TO GRADED OR CLEARED AREA LIKELY TO BE REDISTURBED WHERE A SHORT-TERM VEGETATIVE COVER IS NEEDED.

SEEDBED PREPARATION: LOOSEN UPPER 3 INCHES OF SOIL BY RAKING, DISCING OR OTHER ACCEPTABLE MEANS BEFORE SEEDING (UNLESS PREVIOUSLY LOOSENEED).

SOILS AMENDMENTS: APPLY 600 LBS. PER ACRE 10-10-10 FERTILIZER (14 LBS./1000 SQ. FT.)

SEEDING: FOR PERIODS MARCH 1 THROUGH APRIL 30 AND FROM AUGUST 15 THROUGH NOVEMBER 15, SEED WITH 2 1/3 BU. PER ACRE OF ANNUAL RYE (5.2 LBS./1000 SQ. FT.). FOR THE PERIOD MAY 1 THROUGH AUGUST 14, SEED WITH 5 LBS. PER ACRE OF WEEPING LOVEGRASS (.07 LBS./1000 SQ. FT.). FOR THE PERIOD NOVEMBER 16 THROUGH FEBRUARY 28, PROTECT SITE BY APPLYING 2 TONS PER ACRE OF WELL ANCHORED STRAW MULCH AND SEED AS SOON AS POSSIBLE IN THE SPRING, OR USE SOD.

MULCHING: APPLY 1 1/2 TO 2 TONS PER ACRE (70-90 LBS./1000 SQ. FT.) OF UNROTTED SMALL GR. IN STRAW IMMEDIATELY AFTER SEEDING. ANCHOR MULCH IMMEDIATELY AFTER APPLICATION USING MULCH ANCHORING TOOL OR 218 GALLONS PER ACRE (5 GALS./1000 SQ. FT.) OF EMULSIFIED ASPHALT ON FLAT AREAS. ON SLOPES, 8 FT. OR HIGHER, USE 348 GALLONS PER ACRE (8 GALS./1000 SQ. FT.) FOR ANCHORING.

STANDARD AND SPECIFICATIONS FOR TOPSOIL

DEFINITION
PLACEMENT OF TOPSOIL OVER A PREPARED SUBSOIL PRIOR TO ESTABLISHMENT OF PERMANENT VEGETATION.

PURPOSE
TO PROVIDE A SUITABLE SOIL MEDIUM FOR VEGETATION GROWTH. SOILS OF CONCERN HAVE LOW MOISTURE CONTENT, LOW NUTRIENT LEVELS, LOW PH, MATERIALS TOXIC TO PLANTS, AND/OR UNACCEPTABLE SOIL GRADATION.

CONDITIONS WHERE PRACTICE APPLIES

- THIS PRACTICE IS LIMITED TO AREAS HAVING 2:1 OR FLATTER SLOPES WHERE:
 - THE TEXTURE OF THE EXPOSED SUBSOIL/PARENT MATERIAL IS NOT ADEQUATE TO PRODUCE VEGETATIVE GROWTH.
 - THE SOIL MATERIAL IS SO SHALLOW THAT THE ROOTING ZONE IS NOT DEEP ENOUGH TO SUPPORT PLANTS OR FURNISH CONTINUING SUPPLIES OF MOISTURE AND PLANT NUTRIENTS.
 - THE ORIGINAL SOIL TO BE VEGETATED CONTAINS MATERIAL TOXIC TO PLANT GROWTH.
 - THE SOIL IS SO ACIDIC THAT TREATMENT WITH LIMESTONE IS NOT FEASIBLE.
- FOR THE PURPOSE OF THESE STANDARDS AND SPECIFICATIONS, AREAS HAVING SLOPES STEEPER THAN 2:1 REQUIRE SPECIAL CONSIDERATION AND DESIGN FOR ADEQUATE STABILIZATION THAT 2:1 SHALL HAVE THE APPROPRIATE STABILIZATION SHOWN ON THE PLANS.

CONSTRUCTION AND MATERIAL SPECIFICATIONS

- TOPSOIL SALVAGED FROM THE EXISTING SITE MAY BE USED PROVIDED THAT IT MEETS THE STANDARDS AS SPECIFIED. TYPICALLY, THE DEPTH OF TOPSOIL TO BE SALVAGED FOR A GIVEN SET FORTH IN THE REPRESENTATIVE SOIL PROFILE SECTION IN THE SOIL SURVEY PUBLISHED BY USDA-SCS IN COOPERATION WITH MARYLAND AGRICULTURAL EXPERIMENTAL STATION.
- TOPSOIL SPECIFICATIONS - SOIL TO BE USED AS TOPSOIL MUST MEET THE FOLLOWING:
 - TOPSOIL SHALL BE A LOAM, SANDY LOAM, CLAY LOAM, SILT LOAM, SANDY CLAY LOAM, LOAMY SAND. OTHER SOILS MAY BE USED IF RECOMMENDED BY AN AGRONOMIST OR SOIL SCIENTIST AND APPROVED BY THE APPROPRIATE APPROVAL AUTHORITY. REGARDLESS, TOPSOIL SHALL NOT BE A MIXTURE OF CONTRASTING TEXTURED SUBSOILS AND SHALL CONTAIN LESS THAN 5% BY VOLUME OF CHINDERS, STONES, SLAG, COARSE FRAGMENTS, GRAVEL, STICKS, ROOTS, TRASH, OR OTHER MATERIALS LARGER THAN 1 1/2" IN DIAMETER.
 - TOPSOIL MUST BE FREE OF PLANTS OR PLANT PARTS SUCH AS BERBERIS, QUACKGRASS, JOHNSON GRASS, NUT SEDGE, POISON IVY, THISTLE, OR OTHERS AS SPECIFIED.
 - WHERE THE SUBSOIL IS EITHER HIGHLY ACIDIC OR COMPOSED OF HEAVY CLAYS, GROUND LIMESTONE SHALL BE SPREAD AT THE RATE OF 4-8 TONS/ACRE (200-400 POUNDS PER 1,000 SQUARE FEET) PRIOR TO THE PLACEMENT OF TOPSOIL. LIME SHALL BE DISTRIBUTED UNIFORMLY OVER DESIGNATED AREAS AND WORKED INTO THE SOIL IN CONJUNCTION WITH TILLAGE OPERATIONS AS DESCRIBED IN THE FOLLOWING PROCEDURES.
- FOR SITES HAVING DISTURBED AREAS UNDER 5 ACRES:
 - PLACE TOPSOIL (IF REQUIRED) AND APPLY SOIL AMENDMENTS AS SPECIFIED IN 2.0. VEGETATIVE STABILIZATION SECTION 1-VEGETATIVE STABILIZATION METHODS AND MATERIALS.

PERMANENT SEEDING SUMMARY

| NO. | SPECIES | APPLICATION RATE (LB/AC) | SEEDING DATES | SEEDING DEPTHS | FERTILIZER RATE (10-20-20) | | | LIME RATE |
|-----|----------------------|------------------------------------|----------------------------|----------------|------------------------------|-------------------------------|-------------------------------|------------------------------|
| | | | | | N | P ₂ O ₅ | K ₂ O | |
| 9 | TALL FESCUE (86%) | 120 LB./AC. 2.8 LBS./1,000 S.F. | 3/1 - 5/15 8/15 - 10/15 | 1" | 90 LB/AC (2.0 LB/1000 SF) | 175 LB/AC (4.1 LB/1000 SF) | 175 LB/AC (4.1 LB/1000 SF) | 2 TONS/AC (100LB/1000 SF) |
| | PGA TRIVIALIS (7%) | 10 LB./AC. .23 LBS./1,000 S.F. | | 1" | | | | |
| | BROSFOT TREFOIL (7%) | 10 LB./AC. .23 LBS./1,000 S.F. | | 1" | | | | |

TEMPORARY SEEDING SUMMARY

| NO. | SPECIES | APPLICATION RATE (LB/AC) | SEEDING DATES | SEEDING DEPTHS | FERTILIZER RATE (10-10-10) | | LIME RATE |
|-----|-----------------|------------------------------------|----------------------------|----------------|------------------------------|-------------------------------|-----------|
| | | | | | N | P ₂ O ₅ | |
| 1 | BARLEY | 122 LBS./AC. 2.5 BU./1,000 S.F. | 3/1 - 4/30 8/15 - 10/15 | 1"-2" | 600 LB/AC (15 LB/1000 SF) | 2 TONS/AC (100 LB/1000 SF) | |
| 2 | ANNUAL RYEGRASS | 50 LBS./AC. 1.15 BU./1,000 S.F. | 3/1 - 4/30 8/15 - 11/1 | 1/4"-1/2" | | | |
| 3 | TALL FESCUE | 120 LBS./AC. | 3/1 - 5/15 | 1" | | | |

NOTE: SOD IS TO BE USED ON ALL STABILIZATION WITHIN THE PROPERTY BOUNDARY

ENGINEER'S CERTIFICATE
"I CERTIFY THAT THIS PLAN FOR EROSION AND SEDIMENT CONTROL REPRESENTS A PRACTICAL AND WORKABLE PLAN BASED ON MY PERSONAL KNOWLEDGE OF THE SITE CONDITIONS. THIS PLAN WAS PREPARED IN ACCORDANCE WITH THE REQUIREMENTS OF THE HOWARD COUNTY SOIL CONSERVATION DISTRICT."

SIGNATURE OF ENGINEER (PRINT NAME BELOW SIGNATURE) DATE
MICHAEL D. ADCOCK 2/16/07

PRINT NAME
MICHAEL D. ADCOCK

DEVELOPER'S CERTIFICATE
"I/WE CERTIFY THAT ALL DEVELOPMENT AND CONSTRUCTION WILL BE DONE ACCORDING TO THIS PLAN FOR SEDIMENT AND EROSION CONTROL, AND THAT ALL RESPONSIBLE PERSONNEL INVOLVED IN THE CONSTRUCTION PROJECT WILL HAVE A CERTIFICATE OF ATTENDANCE AT A DEPARTMENT OF THE ENVIRONMENT APPROVED TRAINING PROGRAM FOR THE CONTROL OF SEDIMENT AND EROSION BEFORE BEGINNING THE PROJECT. I ALSO AUTHORIZE PERIODIC ON-SITE INSPECTION BY THE HOWARD COUNTY SOIL CONSERVATION DISTRICT."

SIGNATURE OF DEVELOPER (PRINT NAME BELOW SIGNATURE) DATE
HUGH F. COLE, JR. 07/06/07

PRINT NAME
HUGH F. COLE, JR.

4. FOR SITES HAVING DISTURBED AREAS OVER 5 ACRES:

- ON SOIL MEETING TOPSOIL SPECIFICATIONS, OBTAIN TEST RESULTS DICTATING FERTILIZER AND LIME AMENDMENTS REQUIRED TO BRING THE SOIL INTO COMPLIANCE WITH THE FOLLOWING:
 - PH FOR TOPSOIL SHALL BE BETWEEN 6.0 THROUGH 7.5. IF THE TESTED SOIL DEMONSTRATES A PH OF LESS THAN 6.0, SUFFICIENT LIME SHALL BE PRESCRIBED TO RAISE THE PH TO 6.5 OR HIGHER.
 - ORGANIC CONTENT OF TOPSOIL SHALL BE NOT LESS THAN 1.5 PERCENT BY WEIGHT.
 - TOPSOIL HAVING SOLUBLE SALT CONTENT GREATER THAN 500 PARTS PER MILLION SHALL NOT BE USED.
 - NO SOD OR SEED SHALL BE PLACED ON SOIL WHICH HAS BEEN TREATED WITH SOIL STERILANTS OR CHEMICALS USED FOR WEED CONTROL UNTIL SUFFICIENT TIME HAS ELAPSED (14 DAYS MIN.) TO PERMIT DISSIPATION OF PHYTO-TOXIC MATERIALS.
- PLACE TOPSOIL (IF REQUIRED) AND APPLY SOIL AMENDMENTS AS SPECIFIED IN 2.0. VEGETATIVE STABILIZATION - SECTION 1 - VEGETATIVE STABILIZATION METHODS AND MATERIALS.

5. TOPSOIL APPLICATION

- WHEN TOP SOILING, MAINTAIN NEEDED EROSION AND SEDIMENT CONTROL PRACTICES SUCH AS DIVERSIONS, GRADE STABILIZATION STRUCTURES, EARTH DIKES, SLOPE SILT FENCE AND SEDIMENT TRAPS AND BASINS.
- GRADES ON THE AREAS TO BE TOP SOILED, WHICH HAVE BEEN PREVIOUSLY ESTABLISHED, SHALL BE MAINTAINED, ALBERT 4" - 8" HIGHER IN ELEVATION.
- TOPSOIL SHALL BE UNIFORMLY DISTRIBUTED IN A 4" - 8" LAYER AND LIGHTLY COMPACTED TO A MINIMUM THICKNESS OF 4". SPREADING SHALL BE PERFORMED IN SUCH A MANNER THAT SODDING OR SEEDING CAN PROCEED WITH A MINIMUM OF ADDITIONAL SOIL PREPARATION AND TILLAGE. ANY IRREGULARITIES IN THE RESULTING FROM SURFACE TOP SOILING OR OTHER OPERATIONS SHALL BE CORRECTED IN ORDER TO PREVENT THE FORMATION OF DEPRESSIONS OR WATER POCKETS.
- TOPSOIL SHALL NOT BE PLACED WHILE THE TOPSOIL OR SUBSOIL IS IN A FROZEN OR MUDDY CONDITION, WHEN THE SUBSOIL IS EXCESSIVELY WET OR IN A CONDITION THAT MAY OTHERWISE BE DETRIMENTAL TO PROPER GRADING AND SEEDBED PREPARATION.

6. ALTERNATIVE FOR PERMANENT SEEDING - INSTEAD OF APPLYING THE FULL AMOUNTS OF LIME AND COMMERCIAL FERTILIZER, COMPOSTED SLUDGE AND AMENDMENTS COMMERCIAL BELOW:

- COMPOSTED SLUDGE MATERIAL FOR USE AS A SOIL CONDITIONER FOR SITES HAVING DISTURBED AREAS OVER 5 ACRES SHALL BE TESTED TO PRESCRIBE AMENDMENTS AND FOR SITES HAVING DISTURBED AREAS UNDER 5 ACRES SHALL CONFORM TO THE FOLLOWING REQUIREMENTS:
 - COMPOSTED SLUDGE SHALL BE SUPPLIED BY, OR ORIGINATE FROM, A PERSON OR PERSONS THAT ARE PERMITTED (AT THE TIME OF ACQUISITION OF THE COMPOST) BY THE MARYLAND DEPARTMENT OF THE ENVIRONMENT UNDER COMAR 26.04.08.
 - COMPOSTED SLUDGE SHALL CONTAIN AT LEAST 1 PERCENT NITROGEN, 1.5 PERCENT PHOSPHORUS, AND 0.2 PERCENT POTASSIUM AND HAVE A PH OF 7.0 TO 8.0. IF COMPOST DOES NOT MEET THESE REQUIREMENTS, THE APPROPRIATE CONSTITUENTS MUST BE ADDED TO MEET THE REQUIREMENTS PRIOR TO USE.
 - COMPOSTED SLUDGE SHALL BE APPLIED AT A RATE OF 1 TON/1,000 SQUARE FEET.
- COMPOSTED SLUDGE SHALL BE AMENDED WITH A POTASSIUM FERTILIZER APPLIED AT THE RATE OF 4LB/1,000 SQUARE FEET, AND 1/3 THE NORMAL LIME APPLICATION RATE.

REFERENCES: GUIDELINE SPECIFICATIONS, SOIL PREPARATION AND SODDING. MD-YA, PUB. #1, COOPERATIVE EXTENSION SERVICE, UNIVERSITY OF MARYLAND AND VIRGINIA POLYTECHNIC INSTITUTE. REVISED 1973.

AS-BUILT

REVIEWED FOR HOWARD SCD AND MEETS TECHNICAL REQUIREMENTS

Jim M... 7/17/07
DATE

THIS DEVELOPMENT PLAN IS APPROVED FOR SOIL EROSION AND SEDIMENT CONTROL BY THE HOWARD COUNTY SOIL CONSERVATION DISTRICT.

APPROVED: DEPARTMENT OF PLANNING AND ZONING
DATE 7/19/07

APPROVED: FOR PUBLIC WATER AND PUBLIC SEWERAGE SYSTEMS.
DATE 8/24/07

MISS UTILITY

BEFORE YOU DIG CALL 1-800-95-7777
PROJECT LOCUS: ONE TWO WORKING DAYS NOTICE

THE CONTRACTOR TO CALL MISS UTILITY TO HAVE ALL EXISTING UTILITIES MARKED 48 HOURS PRIOR TO ANY CONSTRUCTION.

BOHLER ENGINEERING, P.C.

Professional Engineering Services
810 GREENGLASS COURT, SUITE 300, TOWSON, MD 21286
(410) 281-7000

REVISIONS:

| NO. | DATE | REVISION DESCRIPTION |
|-----|---------|----------------------|
| 1 | 3/14/15 | REVISE TITLE |

DESIGNED BY: JD
DRAWN BY: RLB
PROJECT NO.: MD06502.1
DATE: 9/28/06
SCALE: AS SHOWN
DRAWING NO. 12 OF 28

SDP # 07-033

AS-BUILT CERTIFICATION

THERE IS NO "AS-BUILT" INFORMATION PROVIDED ON THIS SHEET.

Michael D. Adcock
MICHAEL D. ADCOCK, PROFESSIONAL LAND SURVEYOR
MD REG. NO. 21297, EXPIRATION DATE: 06-16-15

3/19/2013
DATE

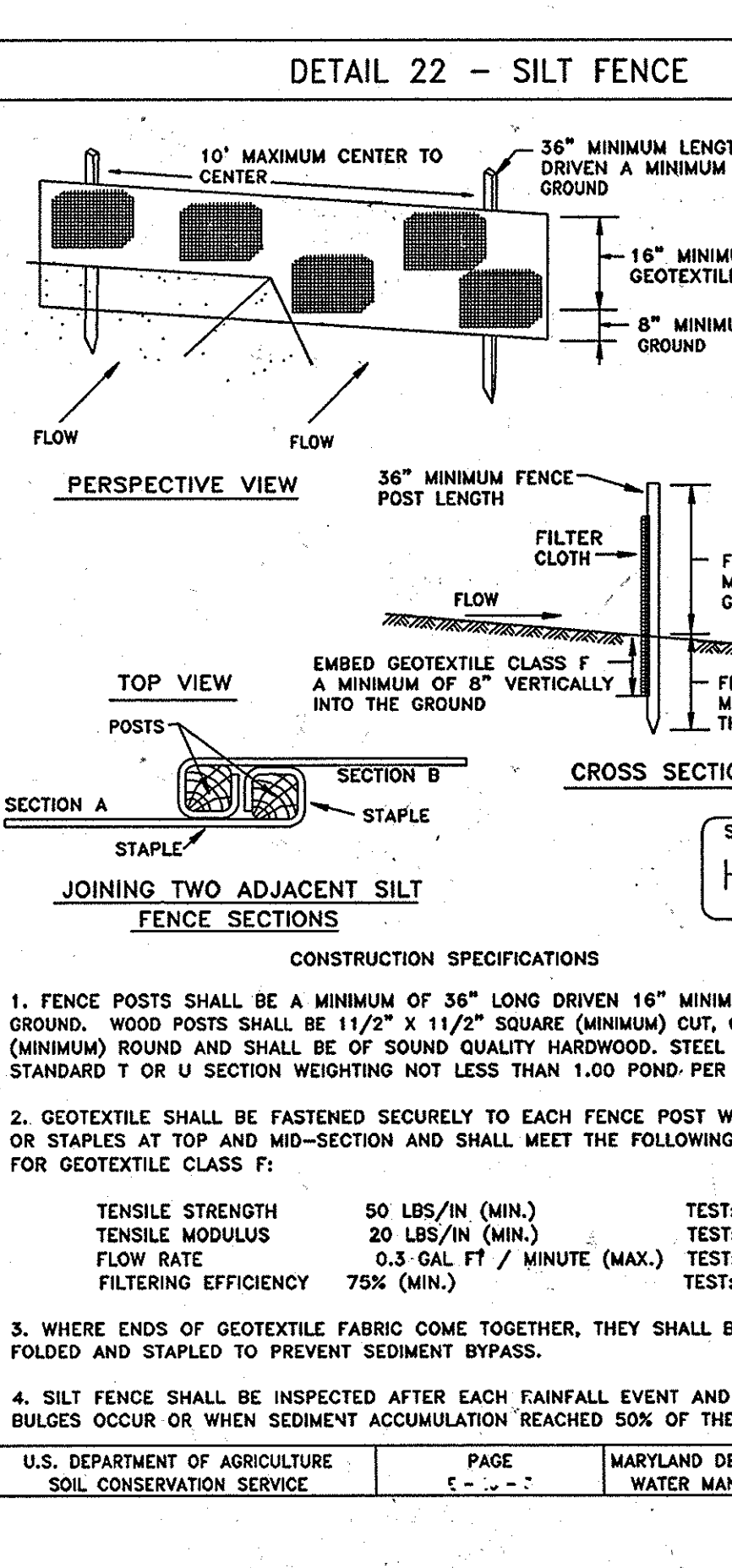
SILT FENCE

SILT FENCE DESIGN CRITERIA

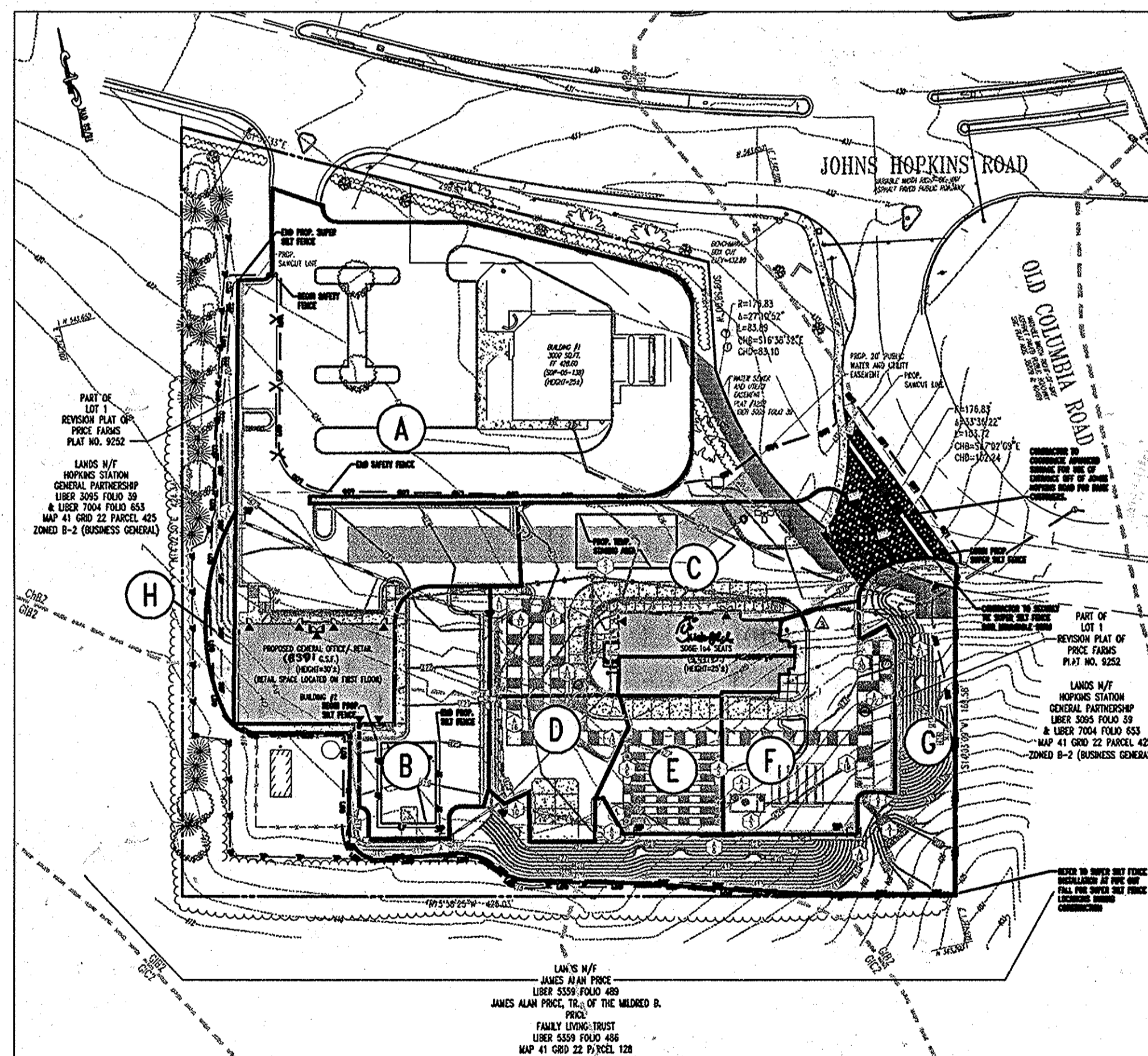
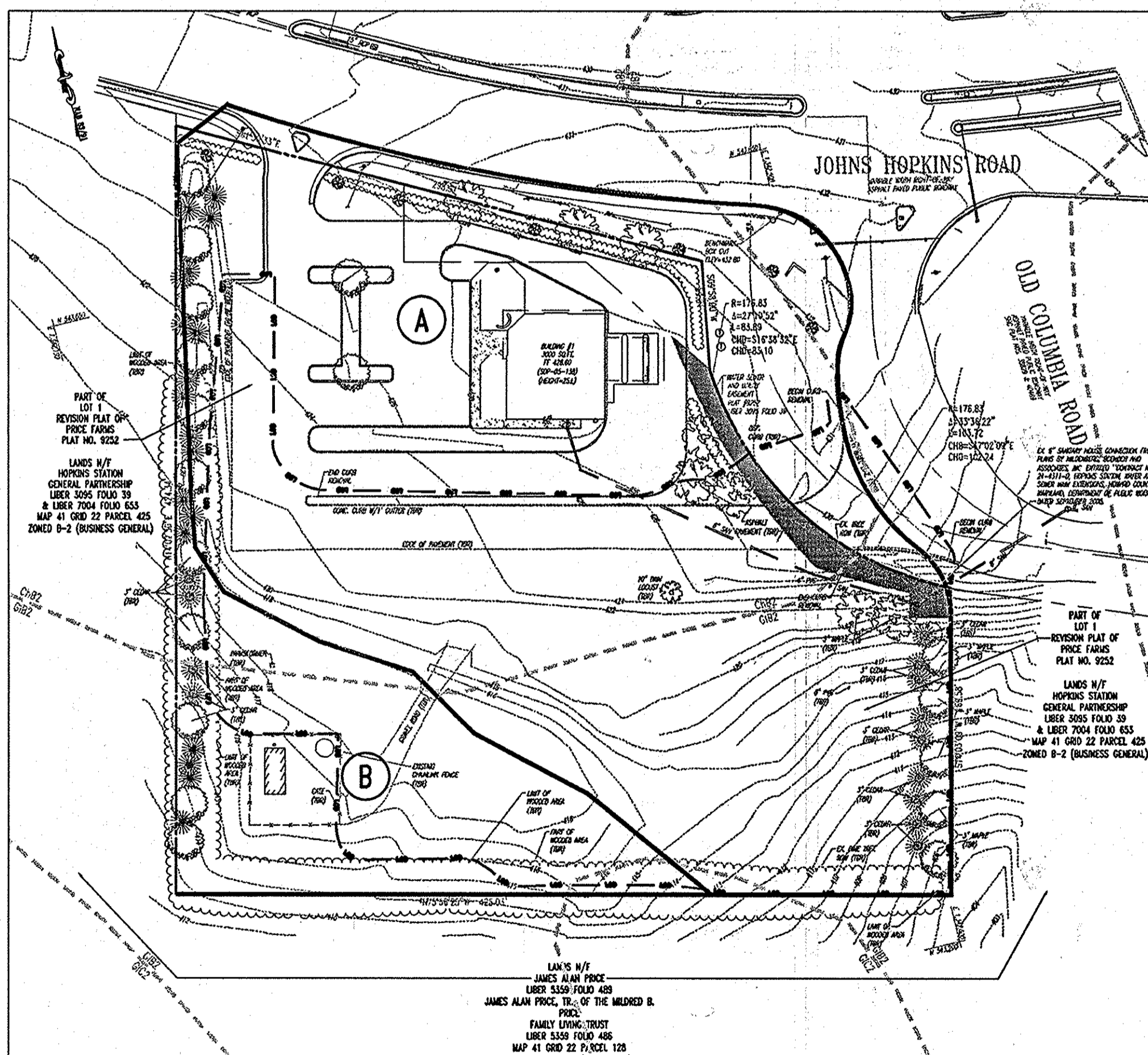
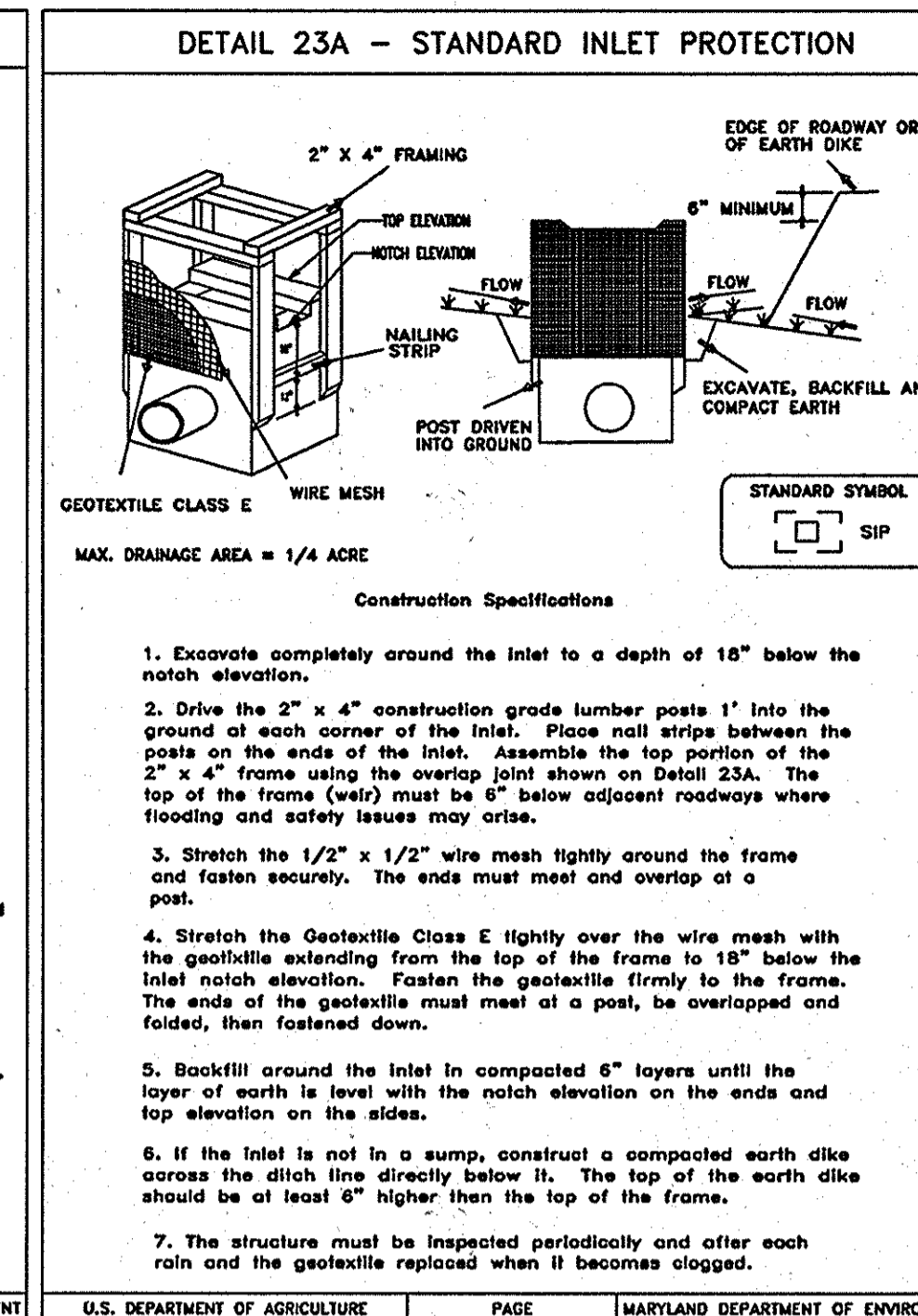
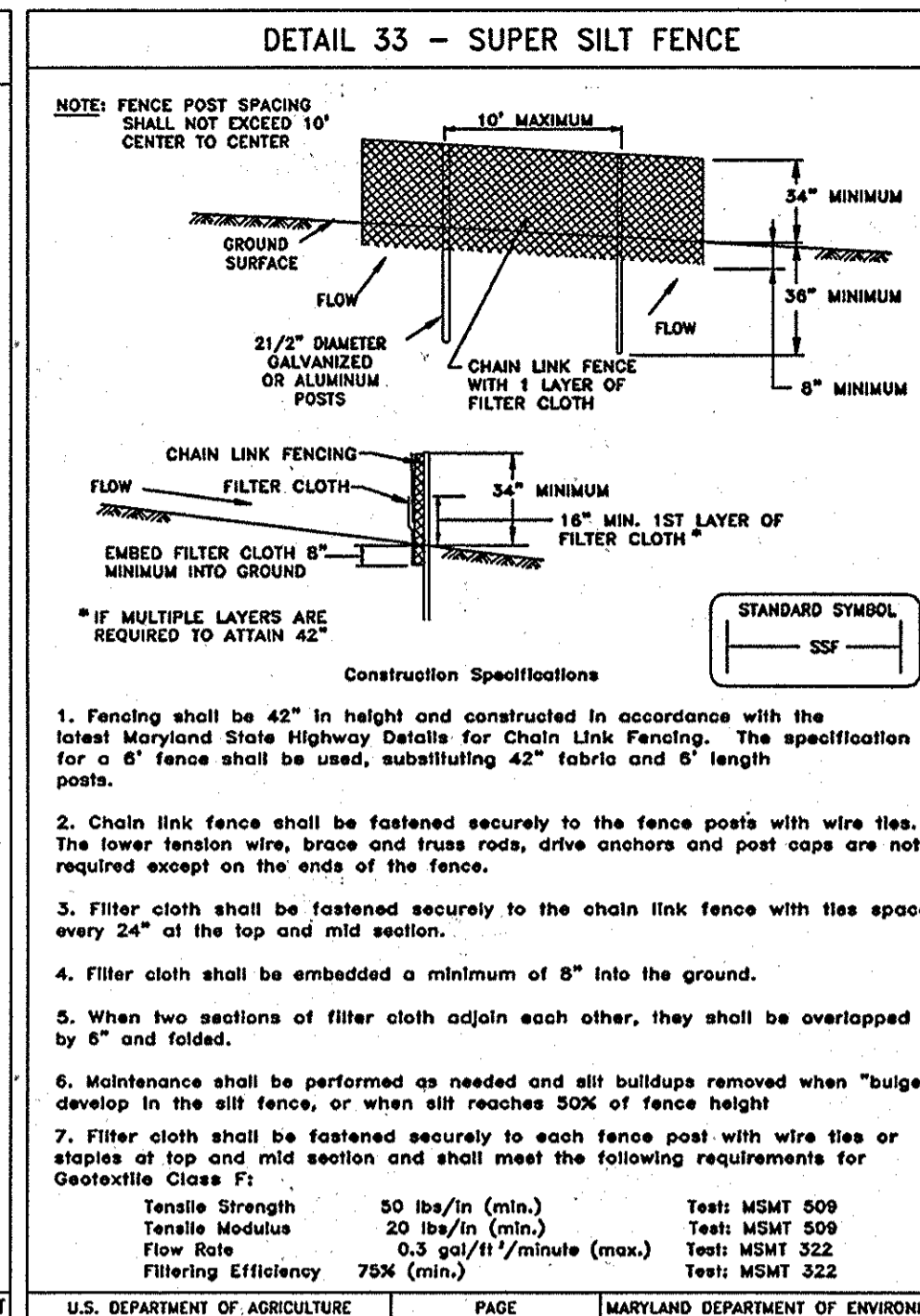
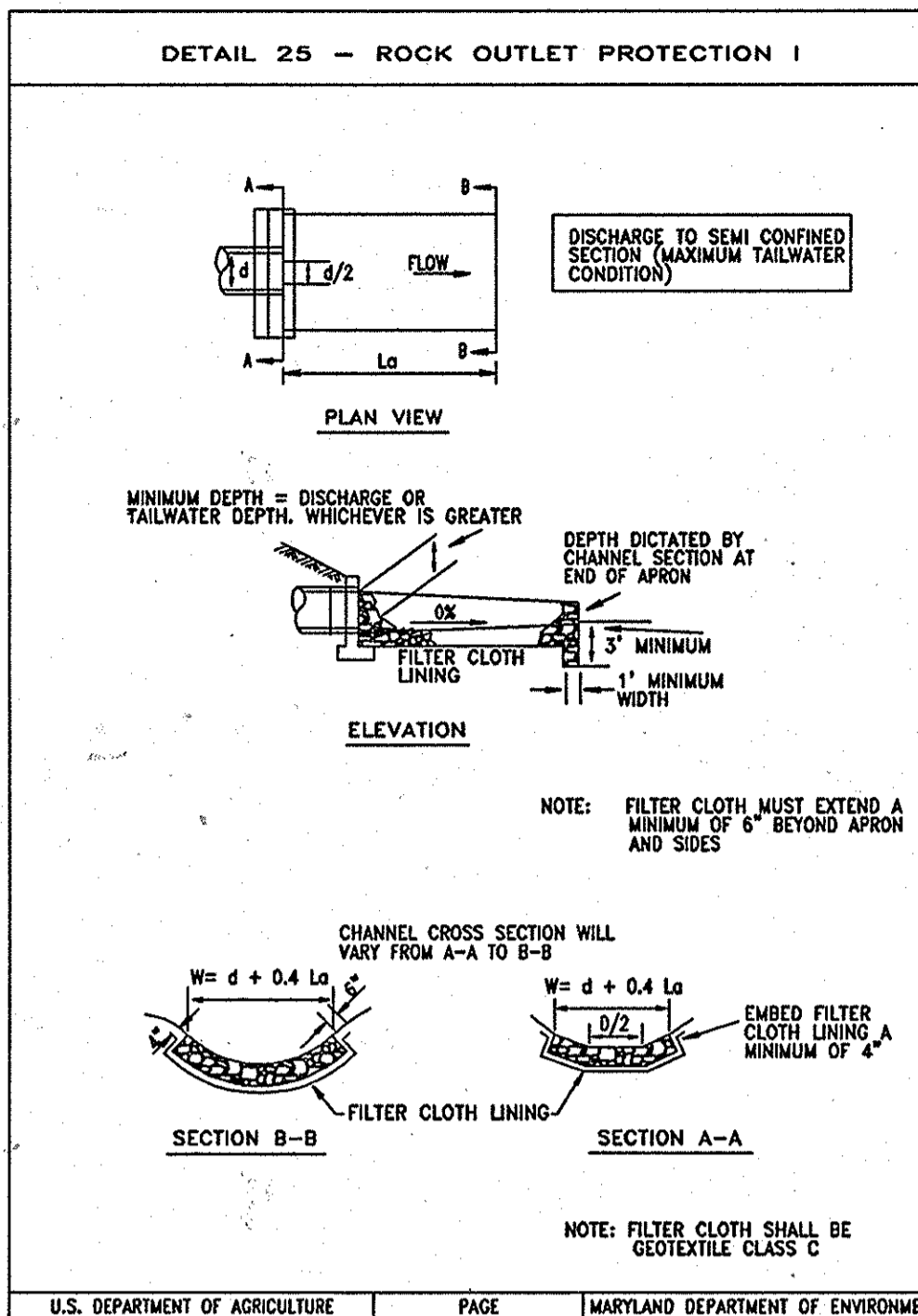
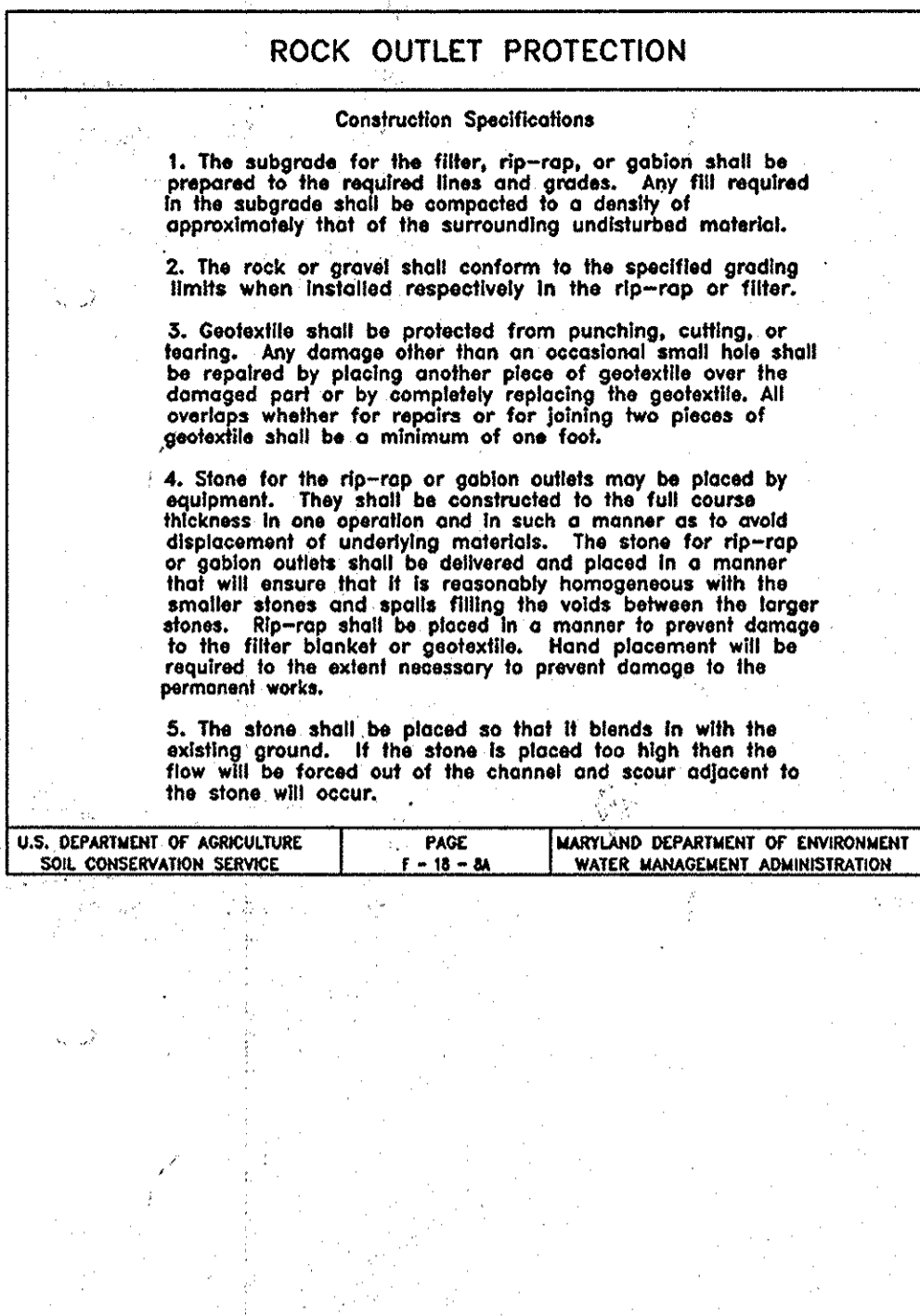
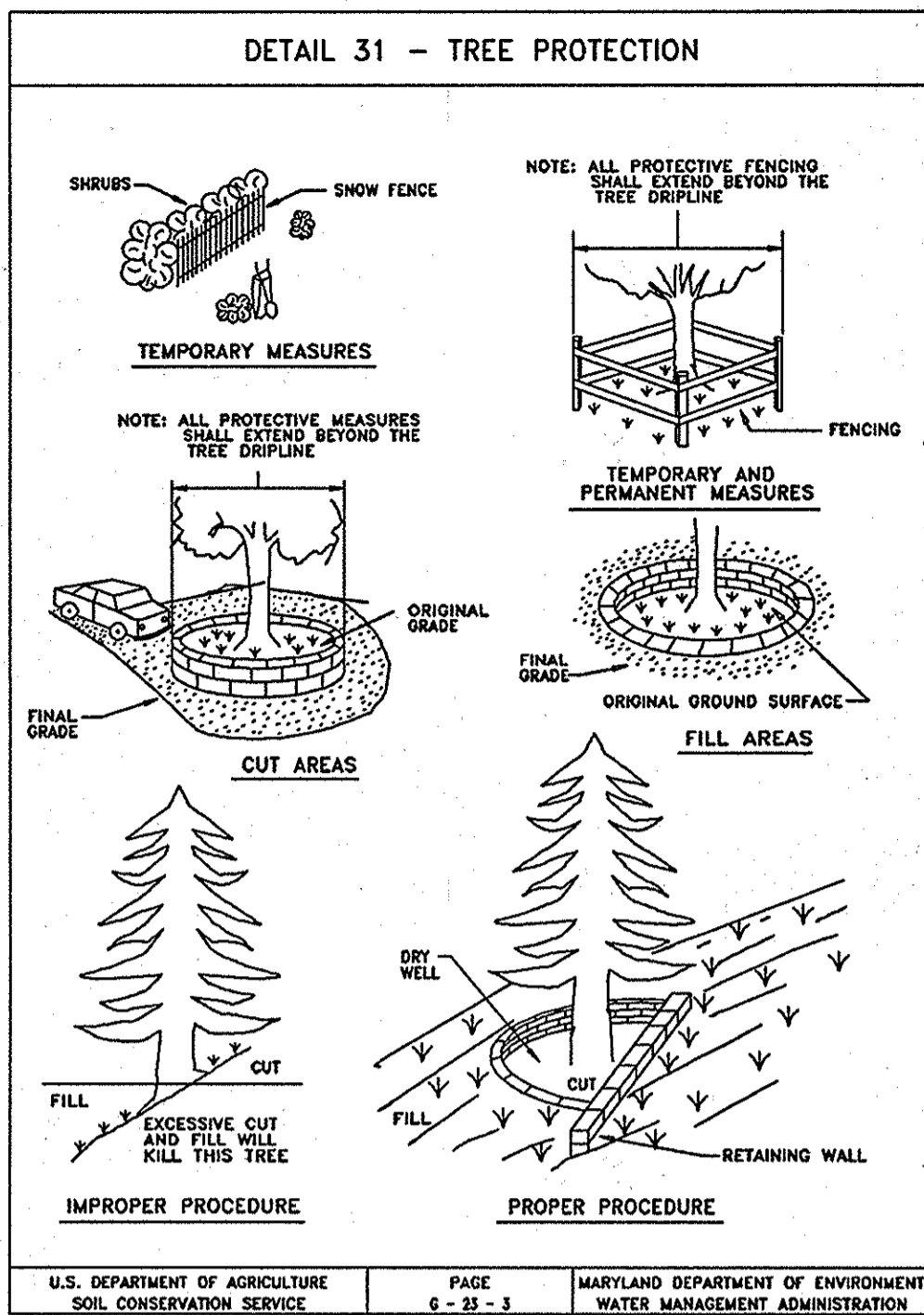
| SLOPE STEEPNESS | (MAXIMUM) SLOPE LENGTH | (MAXIMUM) SILT FENCE LENGTH |
|------------------|------------------------|-----------------------------|
| FLATTER THAN 5:1 | UNLIMITED | UNLIMITED |
| 5:1 TO 10:1 | 125 FEET | 1,000 FEET |
| 10:1 TO 5:1 | 100 FEET | 750 FEET |
| 5:1 TO 3:1 | 60 FEET | 500 FEET |
| 3:1 TO 2:1 | 40 FEET | 250 FEET |
| 2:1 AND STEEPER | 20 FEET | 125 FEET |

NOTE: IN AREAS OF LESS THAN 2% SLOPE AND SANDY SOILS (USDA GENERAL CLASSIFICATION SYSTEM, SOIL CLASS A) MAXIMUM SLOPE LENGTH AND SILT FENCE LENGTH WILL BE UNLIMITED. IN THESE AREAS A SILT FENCE MAY BE THE ONLY PREVENTER CONTROL REQUIRED.

| U.S. DEPARTMENT OF AGRICULTURE SOIL CONSERVATION SERVICE | PAGE E - 15 - 34 | MARYLAND DEPARTMENT OF ENVIRONMENT WATER MANAGEMENT ADMINISTRATION |
|--|------------------|--|
|--|------------------|--|



GENERAL NOTE:
IT IS THE RESPONSIBILITY OF THE CONTRACTOR TO REVIEW ALL OF THE DRAWINGS AND SPECIFICATIONS ASSOCIATED WITH THIS PROJECT WORK SCOPE PRIOR TO THE INITIATION OF CONSTRUCTION. SHOULD THE CONTRACTOR FIND A CONFLICT WITH THE DOCUMENTS RELATIVE TO THE SPECIFICATIONS OR APPLICABLE CODES, IT IS THE CONTRACTORS RESPONSIBILITY TO NOTIFY BOHLER ENGINEERING, P.C. IN WRITING PRIOR TO THE START OF CONSTRUCTION. FAILURE BY THE CONTRACTOR TO NOTIFY BOHLER ENGINEERING, P.C. SHALL CONSTITUTE ACCEPTANCE OF FULL RESPONSIBILITY BY THE CONTRACTOR TO COMPLETE THE SCOPE OF THE WORK AS DEFINED BY THE DRAWINGS AND IN FULL CONFORMANCE WITH LOCAL REGULATIONS AND CODES.



EXISTING E&S DRAINAGE AREAS

SCALE: 1"=60'

| | |
|---|---|
| A | IMPERVIOUS AREA = 39,325 S.F. OR 0.90 AC. PERVIOUS AREA = 88,852 S.F. OF 2.04 AC. TOTAL AREA = 128,177 S.F. OR 2.94 AC. "C" VALUE = 33 TO 157 L.F. OF SSF |
| B | IMPERVIOUS AREA = 625 S.F. OR 0.01 AC. PERVIOUS AREA = 27,878 S.F. OF 0.64 AC. TOTAL AREA = 28,503 S.F. OR 0.65 AC. "C" VALUE = 16 TO 450 L.F. OF SSF |

PROPOSED E&S DRAINAGE AREAS

SCALE: 1"=60'

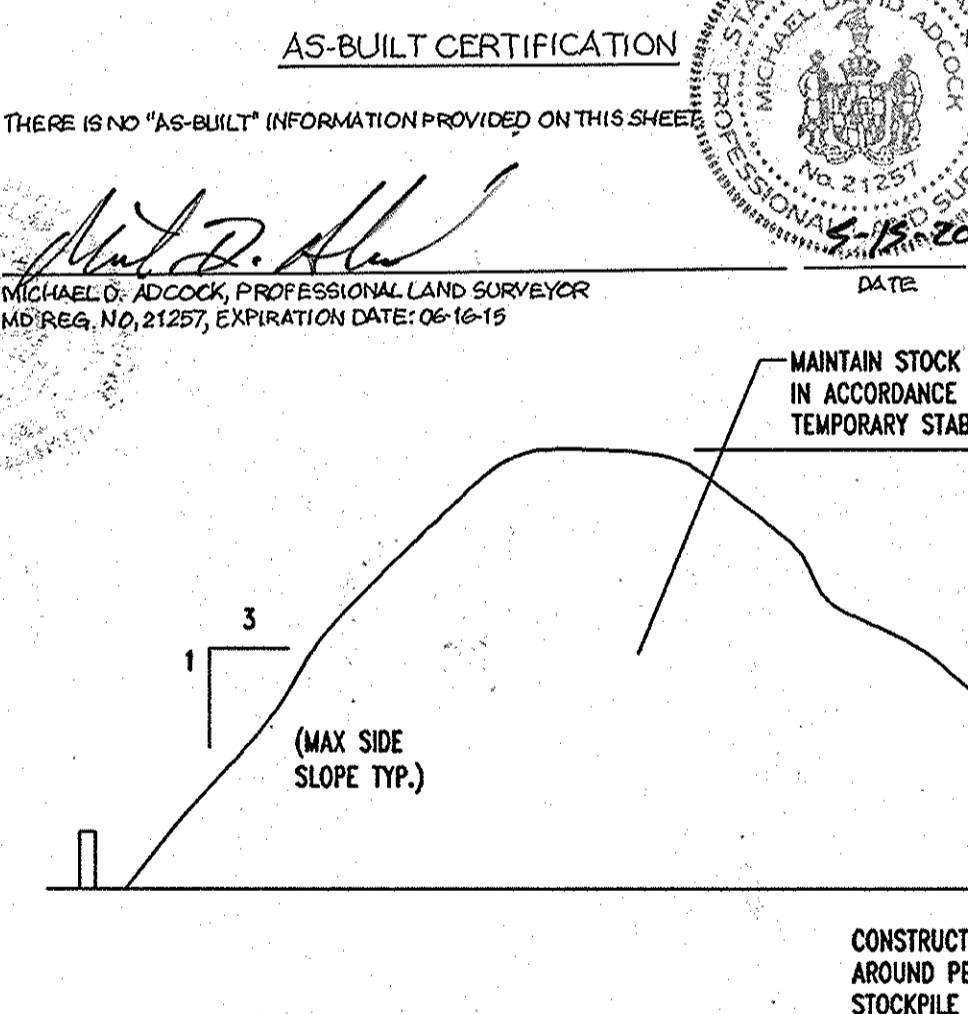
| | | | |
|---|--|---|---|
| A | IMPERVIOUS AREA = 41,880 S.F. OR 0.96 AC. PERVIOUS AREA = 26,720 S.F. OF 0.61 AC. TOTAL AREA = 68,600 S.F. OR 1.57 AC. "C" VALUE = 50 TO 195 L.F. OF SSF | E | IMPERVIOUS AREA = 3,120 S.F. OR 0.07 AC. PERVIOUS AREA = 0 S.F. OR 0.00 AC. TOTAL AREA = 3,120 S.F. OR 0.07 AC. "C" VALUE = 72 TO SIP |
| B | IMPERVIOUS AREA = 6,802 S.F. OR 0.18 AC. PERVIOUS AREA = 608 S.F. OF 0.01 AC. TOTAL AREA = 7,410 S.F. OF 0.19 AC. "C" VALUE = 69 TO SIP | F | IMPERVIOUS AREA = 6,310 S.F. OR 0.19 AC. PERVIOUS AREA = 810 S.F. OR 0.02 AC. TOTAL AREA = 7,120 S.F. OR 0.21 AC. "C" VALUE = 65 TO SIP |
| C | IMPERVIOUS AREA = 14,696 S.F. OR 0.33 AC. PERVIOUS AREA = 3,320 S.F. OF 0.07 AC. TOTAL AREA = 18,016 S.F. OR 0.40 AC. "C" VALUE = 62 TO SIP | G | IMPERVIOUS AREA = 0 S.F. OR 0.00 AC. PERVIOUS AREA = 14,876 S.F. OR 0.34 AC. TOTAL AREA = 14,876 S.F. OR 0.34 AC. "C" VALUE = 20 TO 590 L.F. OF SSF |
| D | IMPERVIOUS AREA = 9,040 S.F. OR 0.21 AC. PERVIOUS AREA = 480 S.F. OR 0.01 AC. TOTAL AREA = 9,520 S.F. OR 0.22 AC. "C" VALUE = 69 TO SIP | H | IMPERVIOUS AREA = 0 S.F. OR 0.00 AC. PERVIOUS AREA = 1,630 S.F. OR 0.04 AC. TOTAL AREA = 1,630 S.F. OR 0.04 AC. "C" VALUE = 20 TO 181 L.F. OF SSF |

SUPER SILT FENCE

Design Criteria

| Slope | Slope Steepness | Slope Length | Silt Fence Length (maximum) |
|----------|-----------------|--------------|-----------------------------|
| 0 - 10% | 0 - 10:1 | Unlimited | Unlimited |
| 10 - 20% | 10:1 - 5:1 | 200 feet | 1,000 feet |
| 20 - 33% | 5:1 - 3:1 | 100 feet | 1,000 feet |
| 33 - 50% | 3:1 - 2:1 | 100 feet | 500 feet |
| 50% + | 2:1 + | 50 feet | 250 feet |

U.S. DEPARTMENT OF AGRICULTURE SOIL CONSERVATION SERVICE PAGE F-18-5 MARYLAND DEPARTMENT OF ENVIRONMENT WATER MANAGEMENT ADMINISTRATION



AS-BUILT CERTIFICATION

THERE IS NO "AS-BUILT" INFORMATION PROVIDED ON THIS SHEET

Michael D. Adcock, PROFESSIONAL LAND SURVEYOR
MD REG. NO. 21297, EXPIRATION DATE: 06/16/15

DATE: 7/15/2012

ENGINEER'S CERTIFICATE

"I CERTIFY THAT THIS PLAN FOR EROSION AND SEDIMENT CONTROL REPRESENTS A PRACTICAL AND WORKABLE PLAN BASED ON MY PERSONAL KNOWLEDGE OF THE SITE CONDITIONS. THIS PLAN WAS PREPARED IN ACCORDANCE WITH THE REQUIREMENTS OF THE HOWARD COUNTY SOIL CONSERVATION DISTRICT."

Signature of Engineer: *Matthew Cole, Jr.* DATE: 7/6/12

DEVELOPER'S CERTIFICATE

"I/WE CERTIFY THAT ALL DEVELOPMENT AND CONSTRUCTION WILL BE DONE ACCORDING TO THIS PLAN FOR SEDIMENT AND EROSION CONTROL; AND THAT ALL RESPONSIBLE PERSONNEL INVOLVED IN THE CONSTRUCTION PROJECT WILL HAVE A CERTIFICATE OF ATTENDANCE AT A DEPARTMENT OF THE ENVIRONMENT APPROVED TRAINING PROGRAM FOR THE CONTROL OF SEDIMENT AND EROSION BEFORE BEGINNING THE PROJECT; I ALSO AUTHORIZE PERIODIC ON-SITE INSPECTION BY THE HOWARD SOIL CONSERVATION DISTRICT."

Signature of Developer: *Hugh F. Cole, Jr.* DATE: 07/06/12

Signature of Developer: *Hugh F. Cole, Jr.*

FOR REVISION 2 ONLY

FOR REVISION 3 ONLY

FOR REVISION 1 ONLY

FOR REVISION 4 ONLY

AS-BUILT

REVIEWED FOR HOWARD SCD AND MEETS TECHNICAL REQUIREMENTS

Jim Moran 7/17/12
NRSA - NATURAL RESOURCES CONSERVATION SERVICE DATE

THIS DEVELOPMENT PLAN IS APPROVED FOR SOIL EROSION AND SEDIMENT CONTROL BY THE HOWARD SOIL CONSERVATION DISTRICT.

John DeWitt 7/17/12
HOWARD SCD DATE

APPROVED: DEPARTMENT OF PLANNING AND ZONING

Matthew Cole, Jr. 7/19/12
CHIEF DEVELOPMENT ENGINEERING DIVISION DATE

Cindy Hamada 8/3/12
CHIEF DIVISION & LAND DEVELOPMENT DATE

Madeleine H. 8/10/12
DIRECTOR DATE

APPROVED: FOR PUBLIC WATER AND PUBLIC SEWERAGE SYSTEMS.

B. DeLeon for Peter Beileman 8/20/12
COUNTY HEALTH OFFICER DATE
HOWARD COUNTY HEALTH DEPARTMENT

| NO. | DATE | REVISION DESCRIPTION |
|-----|----------|---|
| 1 | 4/11/12 | REVISE TITLE |
| 2 | 7/17/12 | SIZE LARGER DESIGNED SEE CFA BUILDING |
| 3 | 7/17/12 | IRRIGATION LINE & CFA SERVICE YARD REVISION |
| 4 | 12/06/12 | DETAIL BLDG. AREA & ACCESS POINT LOCATIONS |

OWNER: HOWARD STATION GENERAL PARTNERSHIP
C/O BRANTLY DEVELOPMENT GROUP
8835 COLUMBIA
100 PARKWAY, SUITE P
COLUMBIA, MD 21046
PHONE: (410) 730-0810

DEVELOPER: CHXK-FIL-A
3200 BUFFINGTON ROAD
ATLANTA, GA 30349-2998
C/O SCOTT PATMAN
LAUREL, HOWARD COUNTY, MARYLAND
PHONE: (404) 684-8660

AREA 3.59 AC. TAX MAP 41 GRID 22 ZONED B-2
PARCEL 425 L. 3,095, F. 39 & L. 7,004, F. 653
5TH ELECTION DISTRICT, HOWARD COUNTY, MARYLAND

EROSION AND SEDIMENT CONTROL DETAILS

BOHLER ENGINEERING, P.C.

PROFESSIONAL ENGINEERING SERVICES
810 GREENGLADES COURT, SUITE 200, TOWSON, MD 21286
(410) 281-7999 FAX (410) 281-7991

REVISION: 12/15/06
DESIGNED BY: JD
DRAWN BY: RLB
PROJECT NO.: MD056502.1
DATE: 9/28/06
SCALE: AS SHOWN
DRAWING NO. 13 OF 28

BEFORE YOU DO CALL
PROTECT YOURSELF, GIVE TWO
WORKING DAYS NOTICE

THIS DRAWING DOES NOT INCLUDE NECESSARY COMPONENTS FOR CONSTRUCTION SAFETY. ALL CONSTRUCTION MUST BE DONE IN COMPLIANCE WITH THE OCCUPATIONAL SAFETY AND HEALTH ACT OF 1970 AND ALL RULES AND REGULATIONS THEREOF APPROPRIATE.

THE CONTRACTOR TO CALL MISS UTILITY TO HAVE ALL EXISTING UTILITIES MARKED 48 HOURS PRIOR TO ANY CONSTRUCTION.

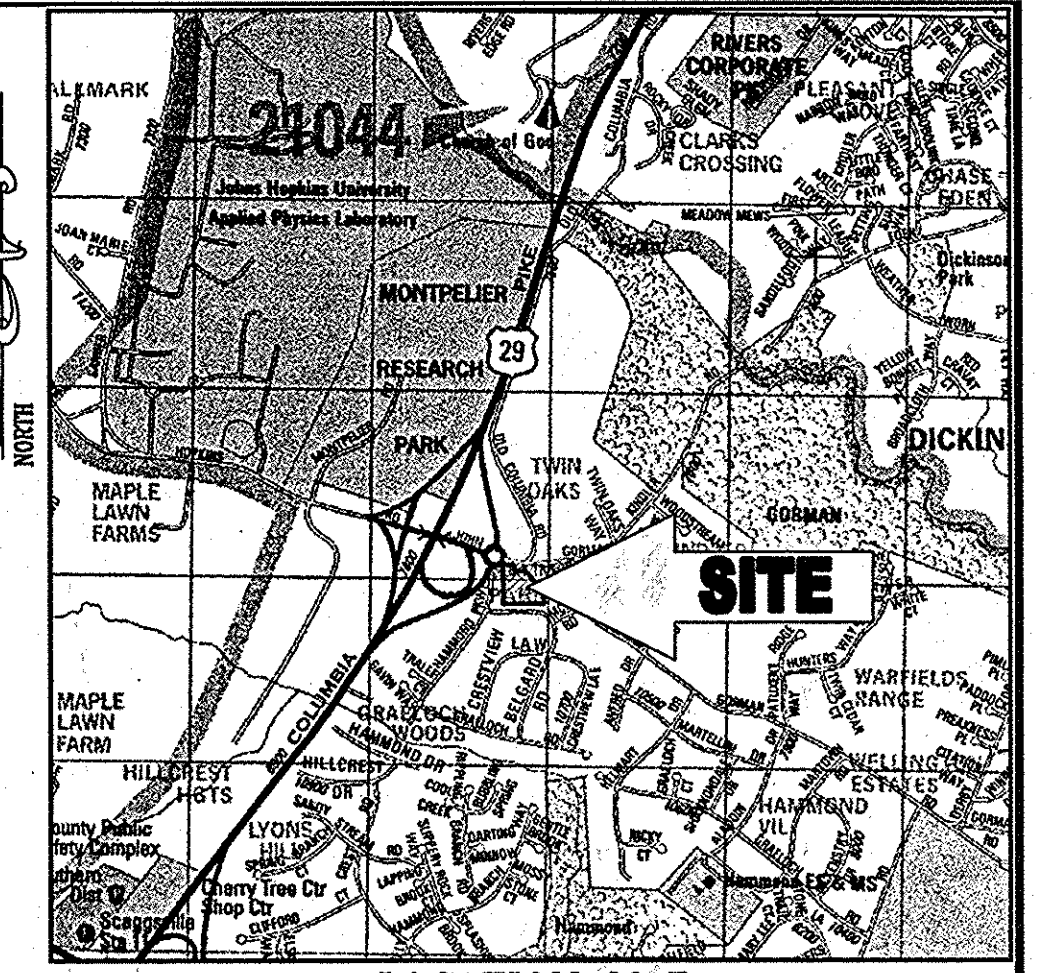
Matthew J. Killen
PROFESSIONAL ENGINEER NO. 28557

DATE: 12/15/06

SCALE: AS SHOWN

DRAWING NO. 13 OF 28

GENERAL NOTE:
IT IS THE RESPONSIBILITY OF THE CONTRACTOR TO REVIEW ALL OF THE DRAWINGS AND SPECIFICATIONS ASSOCIATED WITH THIS PROJECT WORK SCOPE PRIOR TO THE INITIATION OF CONSTRUCTION. SHOULD THE CONTRACTOR FIND A CONFLICT WITH THE DOCUMENTS RELATIVE TO THE SPECIFICATIONS OR APPLICABLE CODES, IT IS THE CONTRACTOR'S RESPONSIBILITY TO NOTIFY BOHLER ENGINEERING, P.C. IN WRITING PRIOR TO THE START OF CONSTRUCTION. FAILURE BY THE CONTRACTOR TO NOTIFY BOHLER ENGINEERING, P.C. SHALL CONSTITUTE ACCEPTANCE OF FULL RESPONSIBILITY BY THE CONTRACTOR TO COMPLETE THE SCOPE OF THE WORK AS DEFINED BY THE DRAWINGS AND IN FULL CONFORMANCE WITH LOCAL REGULATIONS AND CODES.



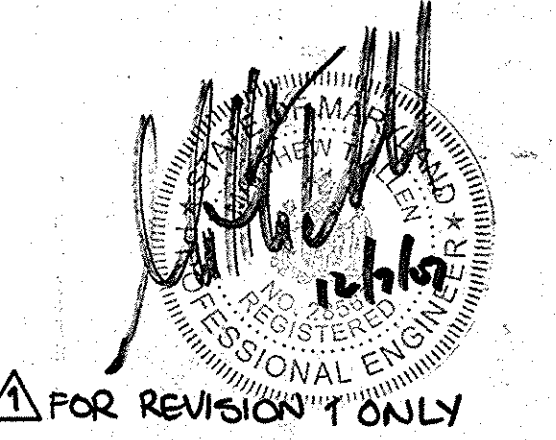
LOCATION MAP
 COPYRIGHT ADC THE MAP PEOPLE
 PERMIT USE NO. 20602153-5
 SCALE: 1"=2000'

AS-BUILT



FOR REVISION 3 ONLY

FOR REVISION 2 ONLY



FOR REVISION 1 ONLY

SOIL TYPES
 ChB2 CHESTER SILT LOAM, 3-8% SLOPES, MODERATELY ERODED
 G1C2 GLENELG LOAM, 8-15% SLOPES, MODERATELY ERODED

LEGEND
 --- SOILS DELINEATION
 EKA SOILS TYPE
 --- DRAINAGE DIVIDES
 --- TC PATH
 B DRAINAGE AREA LABEL



FOR REVISION 4 ONLY

REVIEWED FOR HOWARD SCD AND MEETS TECHNICAL REQUIREMENTS

USDA - NATURAL RESOURCES CONSERVATION SERVICE DATE

THIS DEVELOPMENT PLAN IS APPROVED FOR SOIL EROSION AND SEDIMENT CONTROL BY THE HOWARD SOIL CONSERVATION DISTRICT.

APPROVED: DEPARTMENT OF PLANNING AND ZONING
 CHIEF-DEVELOPMENT ENGINEERING DIVISION
 CHIEF-DIVISION & LAND DEVELOPMENT
 DIRECTOR

APPROVED: FOR PUBLIC WATER AND PUBLIC SEWERAGE SYSTEMS.

COUNTY HEALTH OFFICER
 HOWARD COUNTY HEALTH DEPARTMENT

AS-BUILT CERTIFICATION

THERE IS NO "AS-BUILT" INFORMATION PROVIDED ON THIS SHEET.

MICHAEL D. ADCOCK, PROFESSIONAL LAND SURVEYOR
 MD REG. NO. 21287, EXPIRATION DATE: 06-16-15

3/19/2013



| NO. | DATE | REVISION DESCRIPTION |
|-----|----------|--|
| 1 | 12/26/07 | DETAIL BLDG. AREA & ADJUST POINT LOCATIONS |
| 2 | 4/12/10 | REVISE TITLE |
| 3 | 1/27/08 | SHRINK AREA REVISED FOR CFA BUILDING |
| 4 | 7/21/08 | IRRIGATION LANE & CFA SERVICE YARD REVISIONS |

OWNER: HOWARD STATION GENERAL PARTNERSHIP
 C/O BRANTLY DEVELOPMENT GROUP
 8835 COLUMBIA
 100 PARKWAY, SUITE P
 COLUMBIA, MD 21045
 PHONE: (410) 730-0810

DEVELOPER: CHECK-FIL-A
 5200 BUFFINGTON ROAD
 ATLANTA, GA 30349-2998
 C/O SCOTT PATMAN
 PHONE: (404) 684-8660

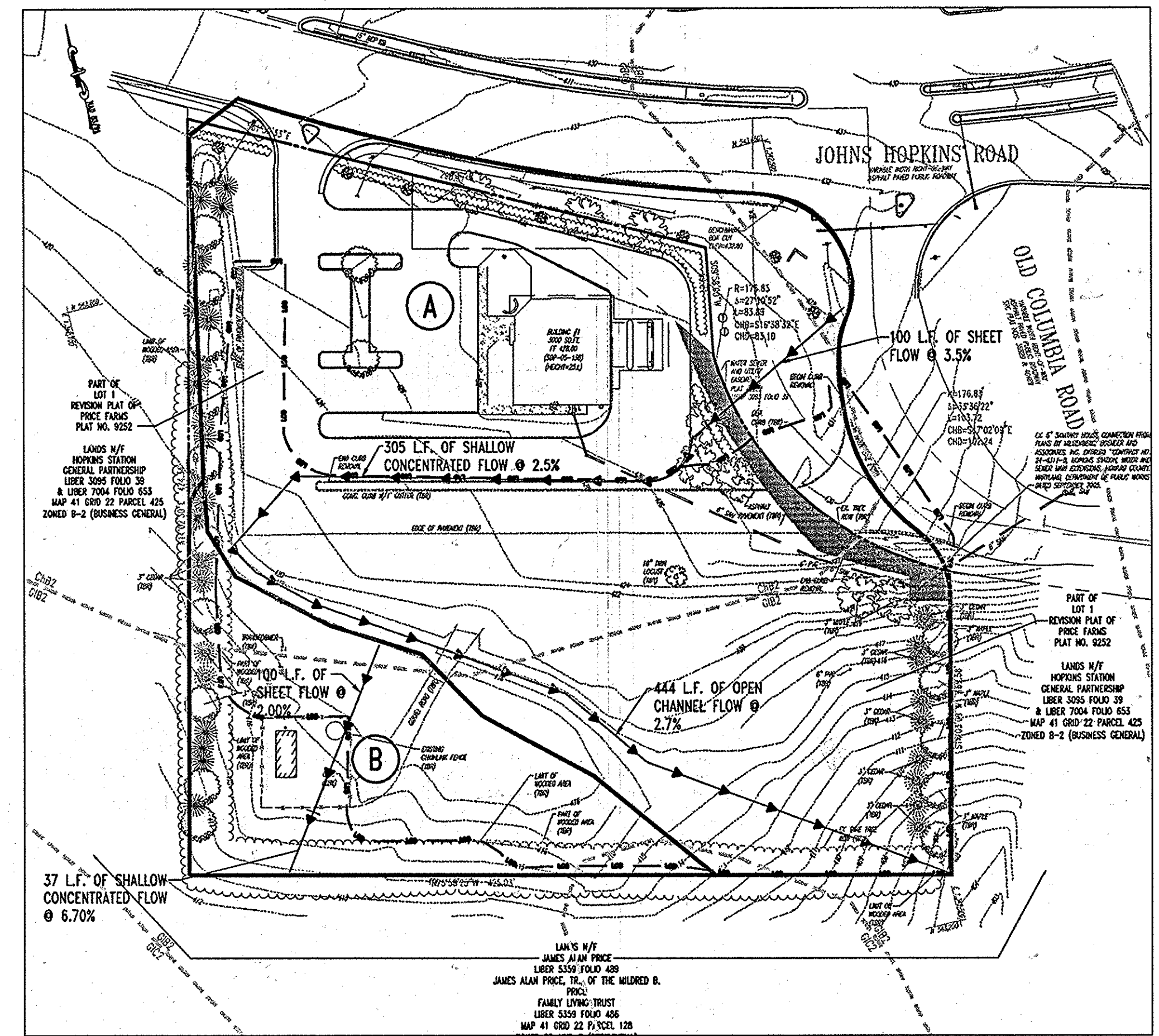
CHECK-FIL-A RESTAURANT & MEDICAL BUILDING
 PART OF LOT 1, HOWARD STATION (FORMER PRICE FARMS, LOT1)
 JOHN HOPKINS ROAD
 LAUREL, HOWARD COUNTY, MARYLAND

AREA 3.59 AC. TAX MAP 41 GRID 22 ZONED B-2
 PARCEL 425 L. 3,095, F. 39 & L. 7004, F. 653
 5TH ELECTION DISTRICT, HOWARD COUNTY, MARYLAND

STORMDRAIN DRAINAGE AREA MAPS

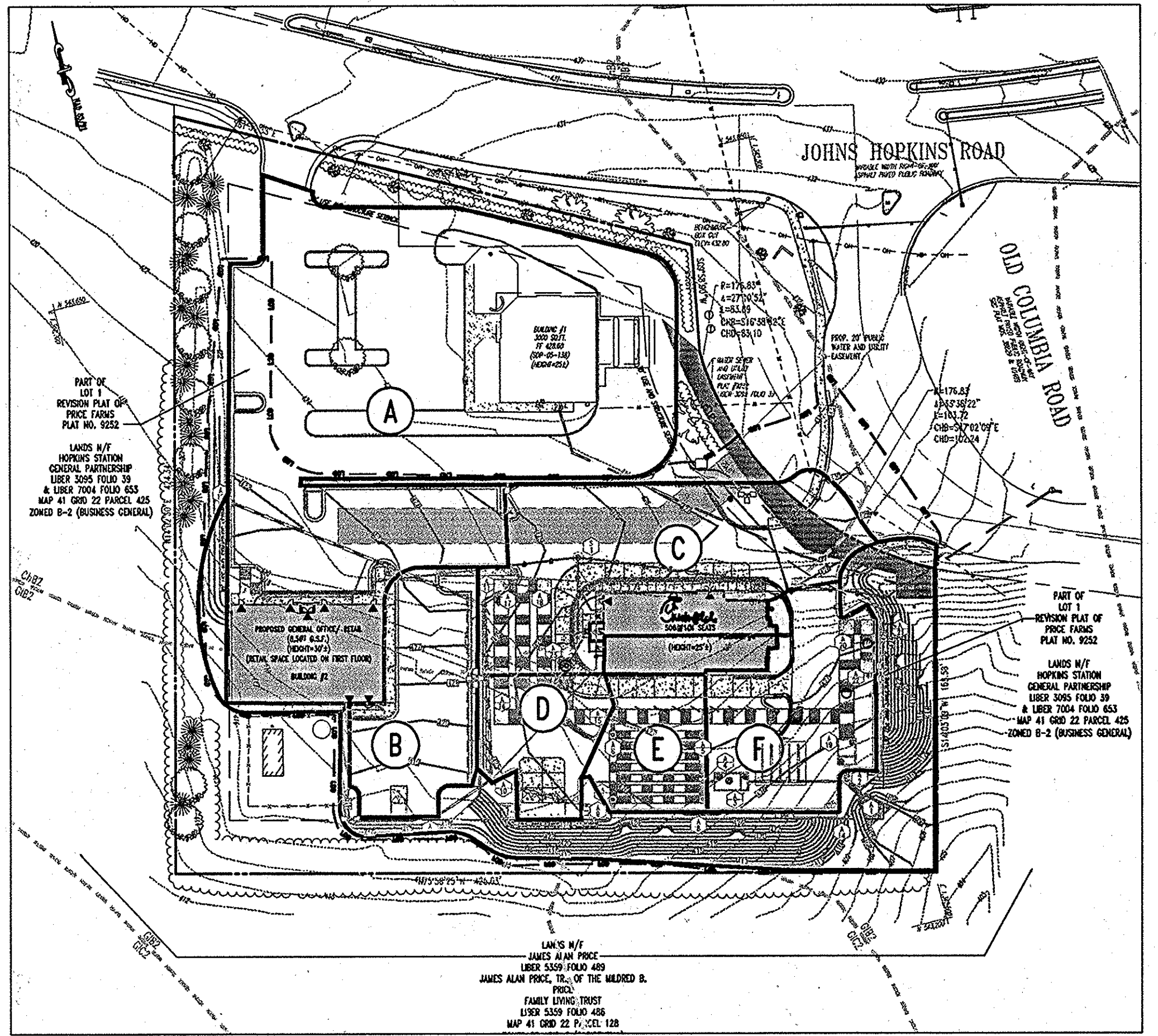
BOHLER ENGINEERING, P.C.
 PROFESSIONAL ENGINEERING SERVICES
 8110 GLENMORRIS COURT, SUITE 800, TOWSON, MD 21286
 (410) 830-0000

REVISOR: 12/15/06
 DESIGNED BY: JD
 DRAWN BY: RLB
 PROJECT NO.: MD056502.1
 DATE: 9/28/06
 SCALE: AS SHOWN
 DRAWING NO. 17 OF 28
 PROFESSIONAL ENGINEER NO. 28557



EXISTING STORMDRAIN DRAINAGE AREA
 SCALE: 1"=60'

- A IMPERVIOUS AREA = 39,325 S.F. OR .90 AC.
 PERVIOUS AREA = 88,862 S.F. OF 2.04 AC.
 TOTAL AREA = 128,187 S.F. OR 2.94 AC.
 "C" VALUE = 33
 TO 157 L.F. OF SSF
- B IMPERVIOUS AREA = 625 S.F. OR 0.01 AC.
 PERVIOUS AREA = 27,878 S.F. OF 0.64 AC.
 TOTAL AREA = 28,503 S.F. OR 0.65 AC.
 "C" VALUE = 16
 TO 450 L.F. OF SSF



PROPOSED STORMDRAIN DRAINAGE AREA
 SCALE: 1"=60'

- A IMPERVIOUS AREA = 41,880 S.F. OR 0.96 AC.
 PERVIOUS AREA = 26,720 S.F. OF 0.61 AC.
 TOTAL AREA = 68,600 S.F. OR 1.57 AC.
 "C" VALUE = 50
- B IMPERVIOUS AREA = 6,902 S.F. OR 0.18 AC.
 PERVIOUS AREA = 608 S.F. OF 0.01 AC.
 TOTAL AREA = 7,510 S.F. OF 0.19 AC.
 "C" VALUE = 69
- C IMPERVIOUS AREA = 14,696 S.F. OR 0.33 AC.
 PERVIOUS AREA = 3,320 S.F. OF 0.07 AC.
 TOTAL AREA = 18,016 S.F. OR 0.40 AC.
 "C" VALUE = 62
- D IMPERVIOUS AREA = 9,040 S.F. OR 0.21 AC.
 PERVIOUS AREA = 480 S.F. OR 0.01 AC.
 TOTAL AREA = 9,520 S.F. OR 0.22 AC.
 "C" VALUE = 69
- E IMPERVIOUS AREA = 3,120 S.F. OR 0.07 AC.
 PERVIOUS AREA = 0 S.F. OR 0.00 AC.
 TOTAL AREA = 3,120 S.F. OR 0.07 AC.
 "C" VALUE = 72
- F IMPERVIOUS AREA = 8,310 S.F. OR 0.19 AC.
 PERVIOUS AREA = 810 S.F. OR 0.02 AC.
 TOTAL AREA = 9,120 S.F. OR 0.21 AC.
 "C" VALUE = 66

GENERAL NOTE:
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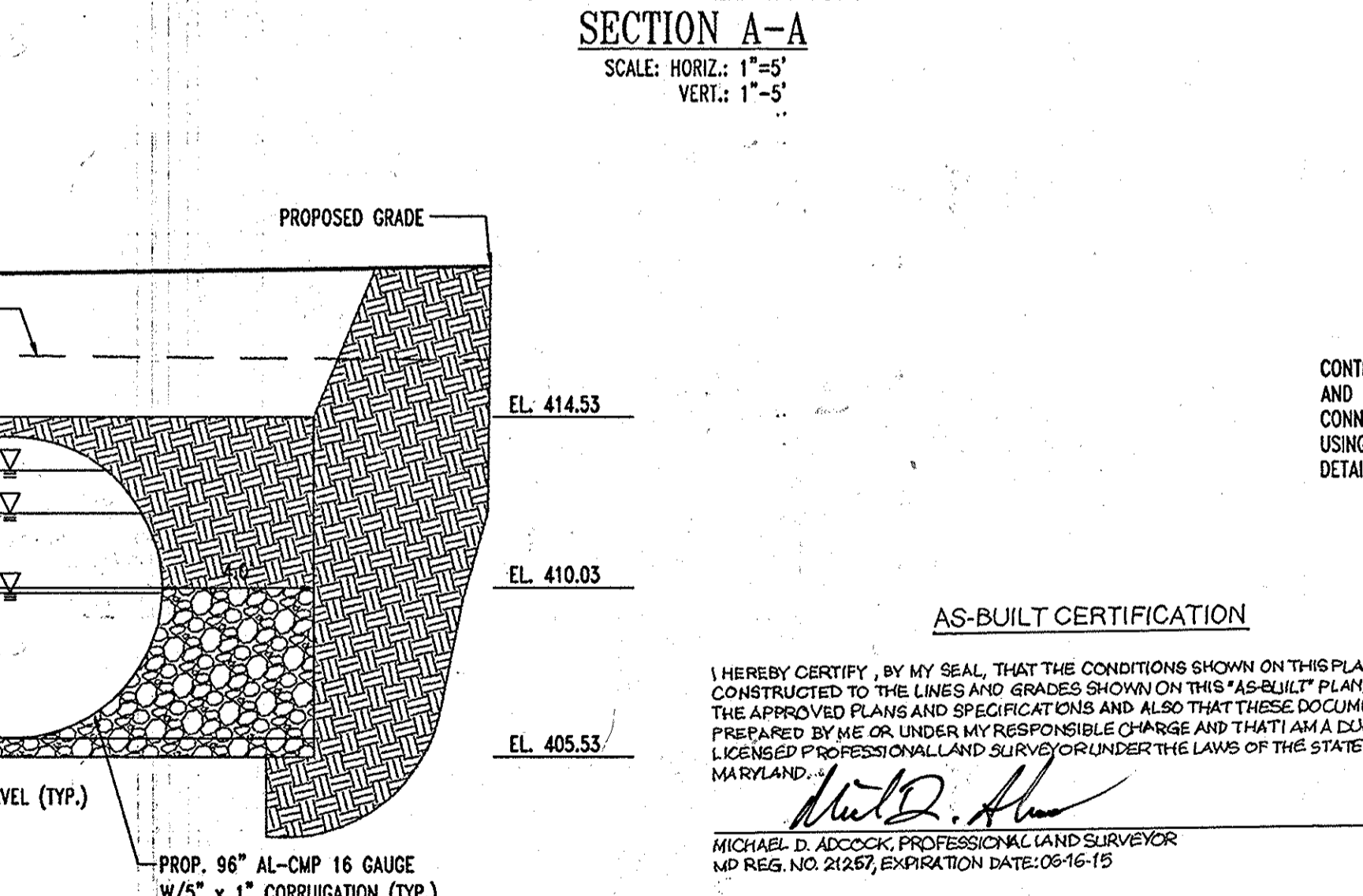
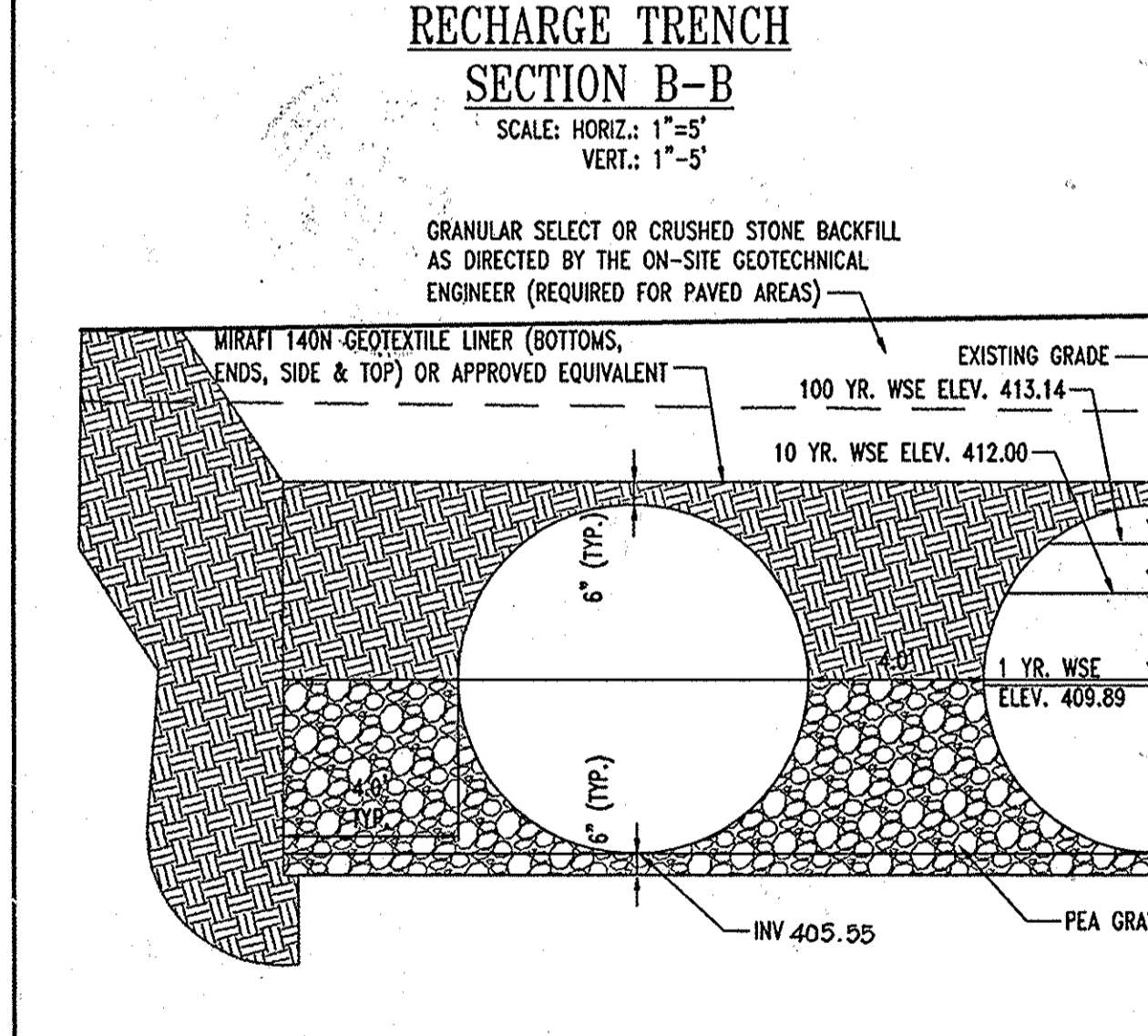
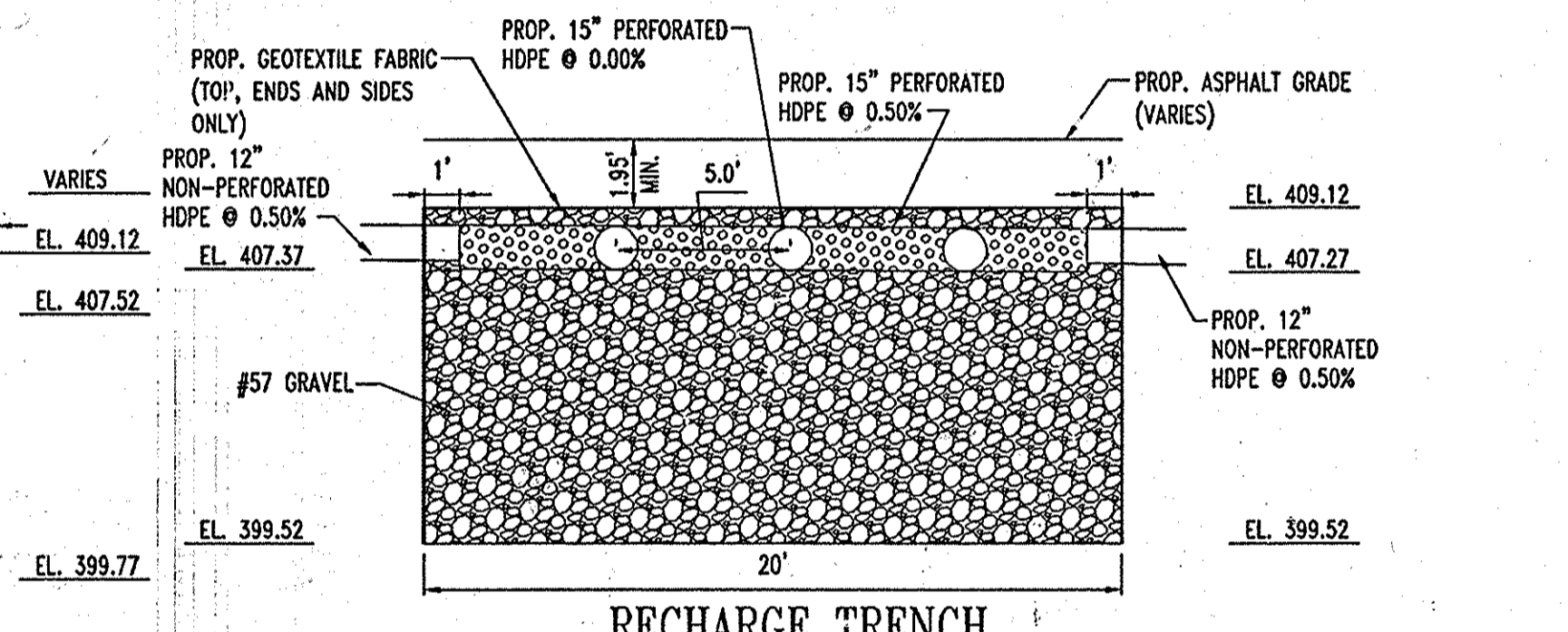
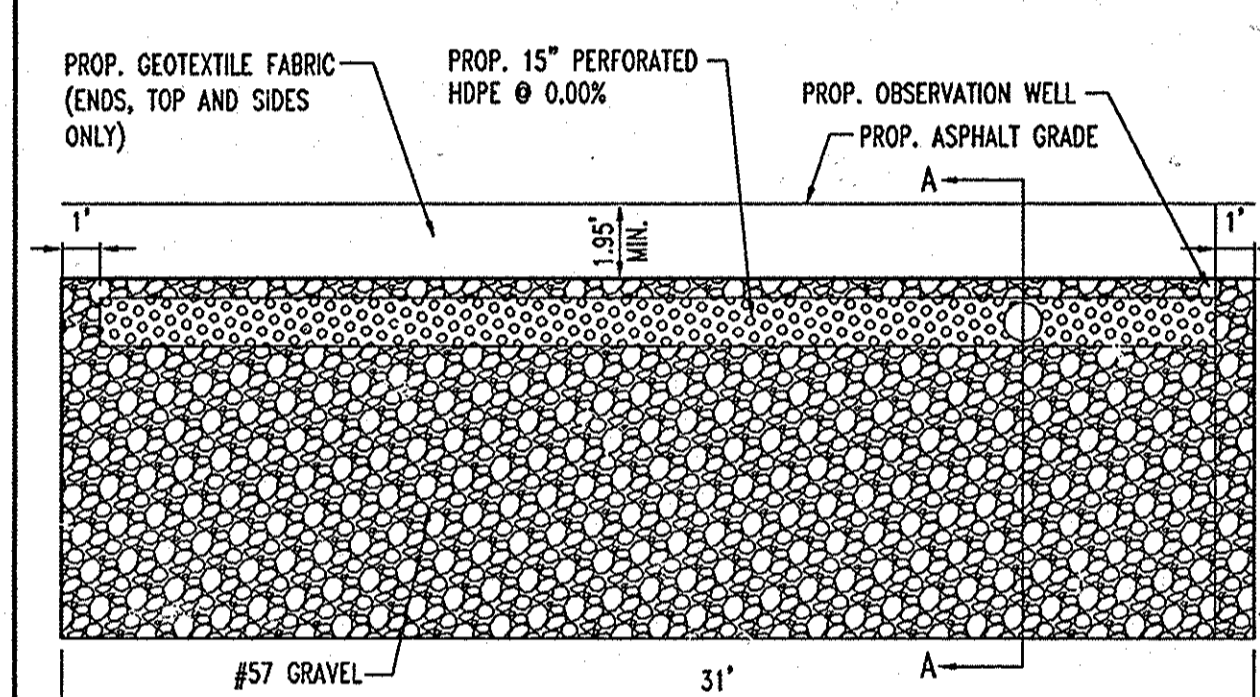
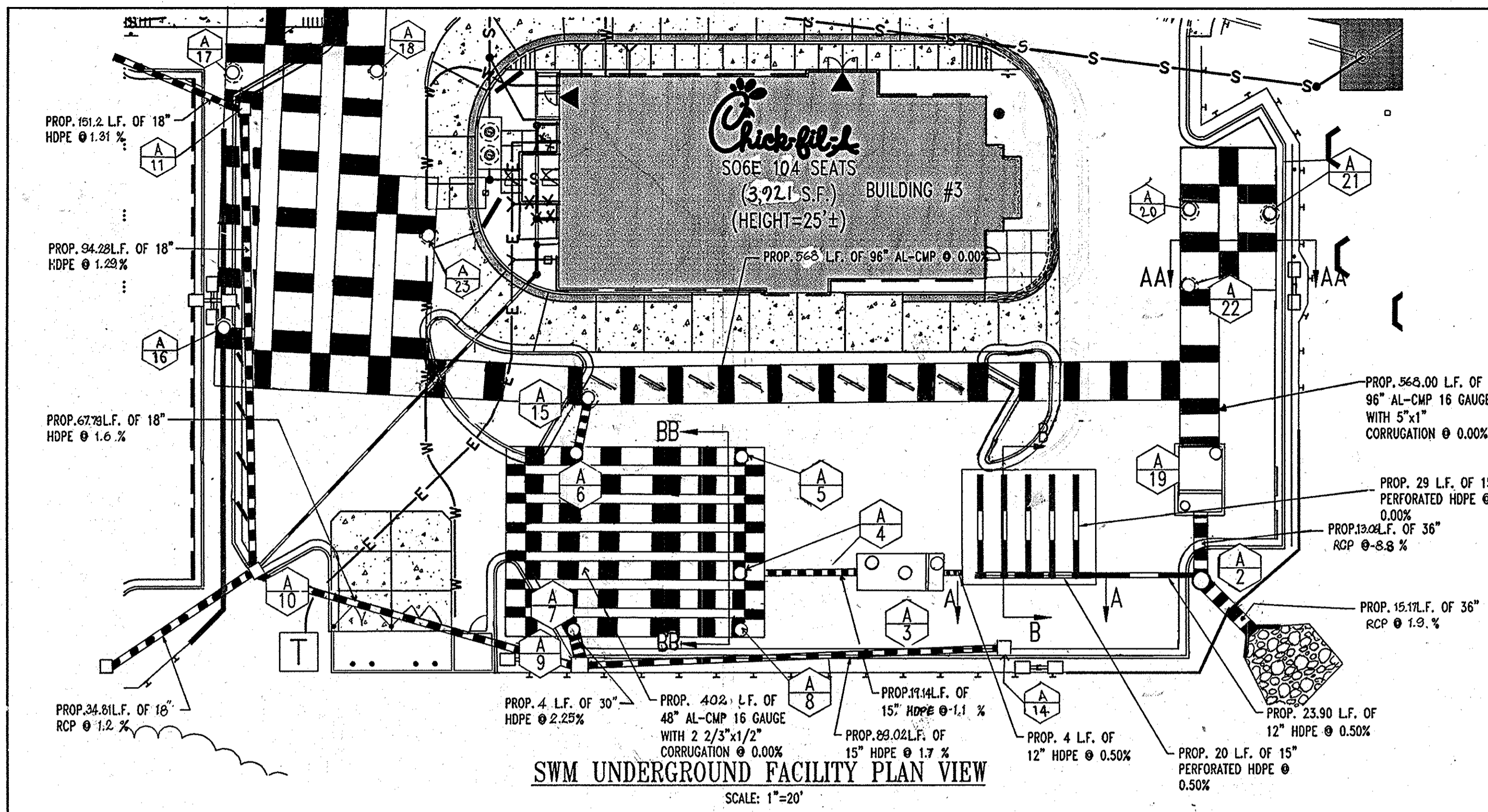
ENGINEER'S CERTIFICATE
 "I CERTIFY THAT THIS PLAN FOR EROSION AND SEDIMENT CONTROL REPRESENTS A PRACTICAL AND WORKABLE PLAN BASED ON MY PERSONAL KNOWLEDGE OF THE SITE CONDITIONS. THIS PLAN WAS PREPARED IN ACCORDANCE WITH THE REQUIREMENTS OF THE HOWARD COUNTY SOIL CONSERVATION DISTRICT."
 SIGNATURE OF ENGINEER (PRINT NAME BELOW SIGNATURE) DATE
 PRINT NAME

DEVELOPER'S CERTIFICATE
 "I/WE CERTIFY THAT ALL DEVELOPMENT AND CONSTRUCTION WILL BE DONE ACCORDING TO THIS PLAN FOR SEDIMENT AND EROSION CONTROL, AND THAT ALL RESPONSIBLE PERSONNEL INVOLVED IN THE CONSTRUCTION PROJECT WILL HAVE A CERTIFICATE OF ATTENDANCE AT A DEPARTMENT OF THE ENVIRONMENT APPROVED TRAINING PROGRAM FOR THE CONTROL OF SEDIMENT AND EROSION BEFORE BEGINNING THE PROJECT. I ALSO AUTHORIZE PERIODIC ON-SITE INSPECTION BY THE HOWARD SOIL CONSERVATION DISTRICT."
 SIGNATURE OF DEVELOPER (PRINT NAME BELOW SIGNATURE) DATE
 PRINT NAME



BEFORE YOU DIG CALL
 1-800-955-7779
 PROJECT YOURSELF - GIVE TWO WORKING DAYS NOTICE

THIS DRAWING DOES NOT INCLUDE NECESSARY COMPONENTS FOR CONSTRUCTION SAFETY. ALL CONSTRUCTION MUST BE DONE IN COMPLIANCE WITH THE OCCUPATIONAL SAFETY AND HEALTH ACT OF 1970 AND ALL RULES AND REGULATIONS THERETO APPURTENANT.
 THE CONTRACTOR TO CALL MISS UTILITY TO HAVE ALL EXISTING UTILITIES MARKED 48 HOURS PRIOR TO ANY CONSTRUCTION.

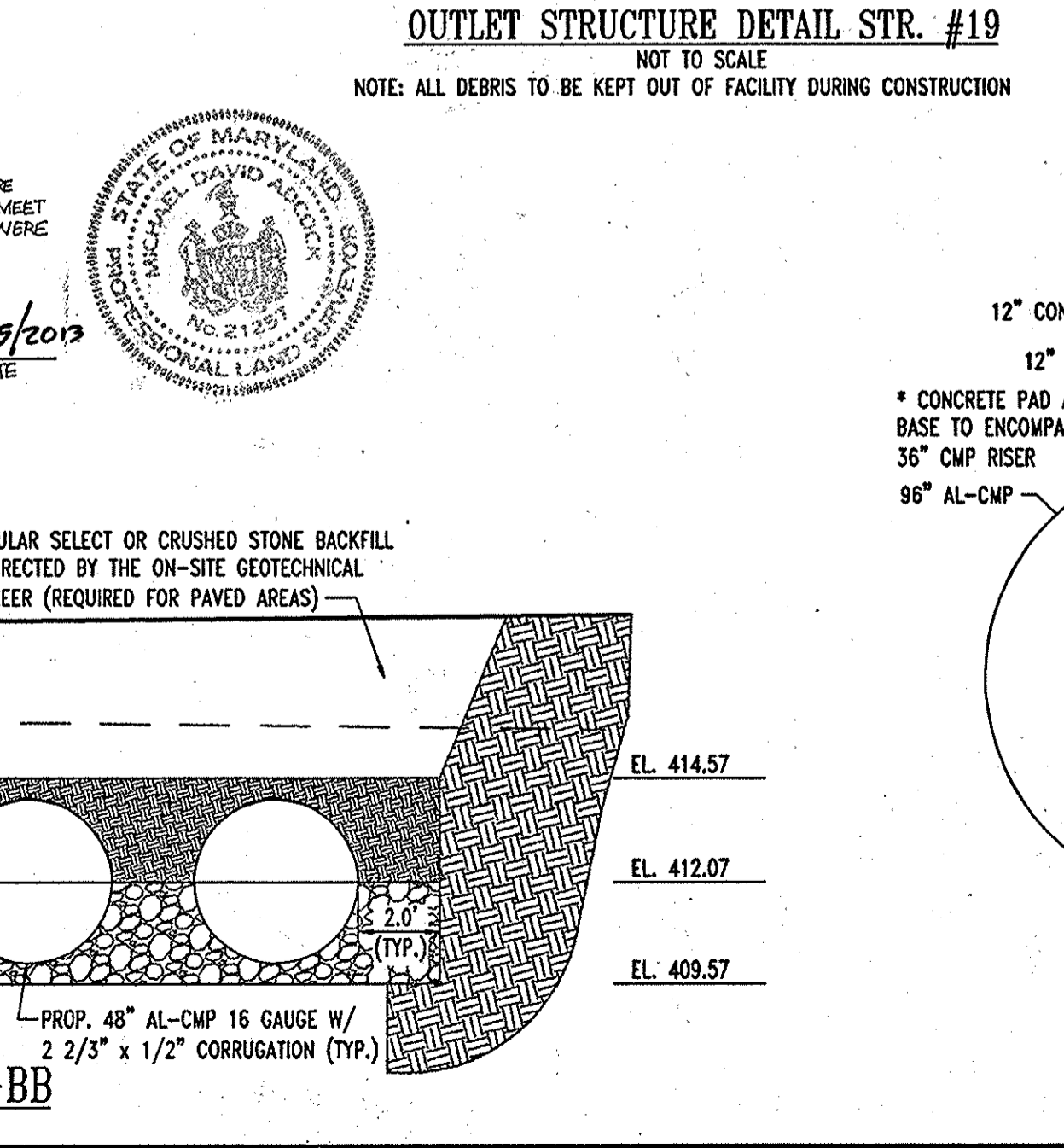
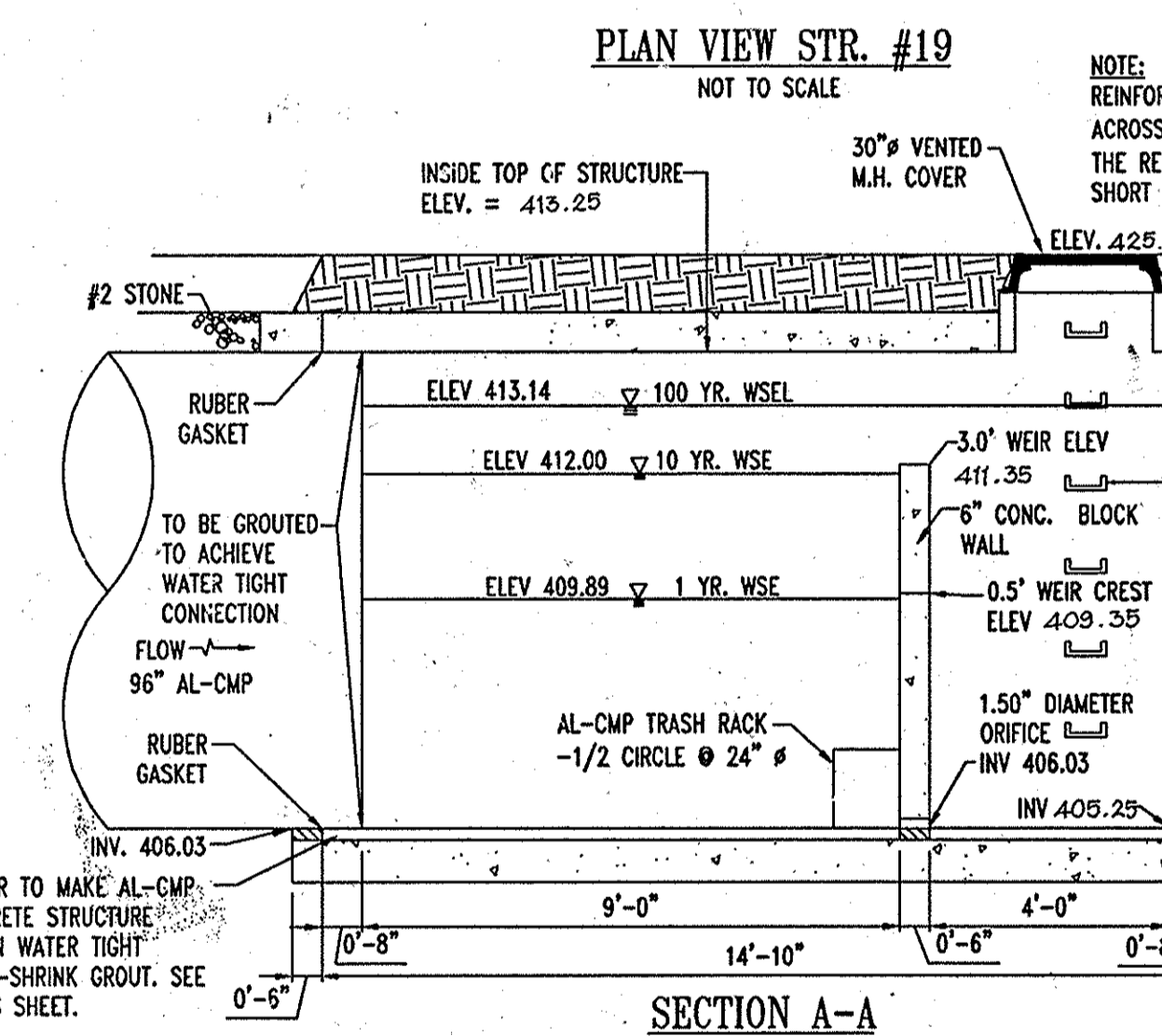
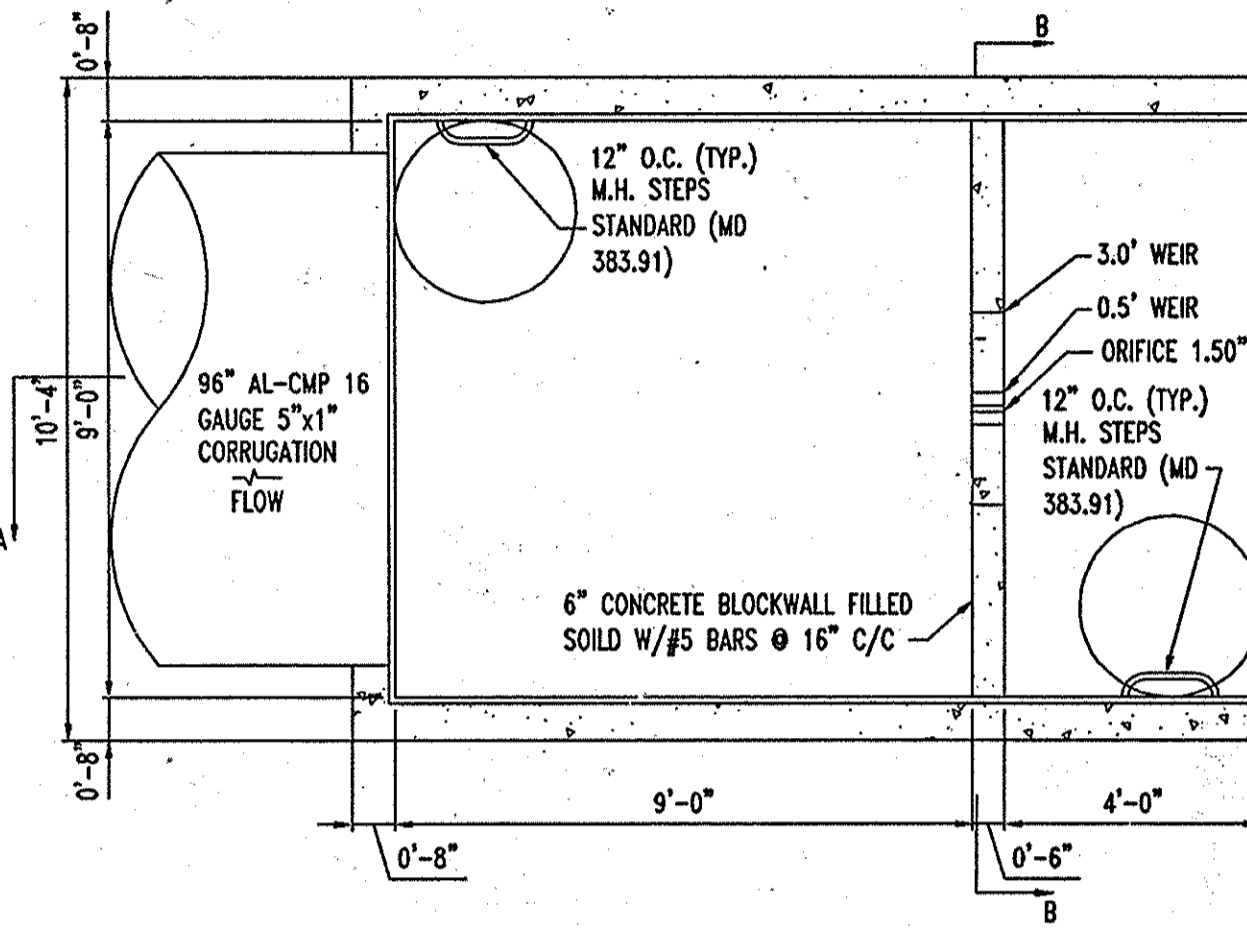


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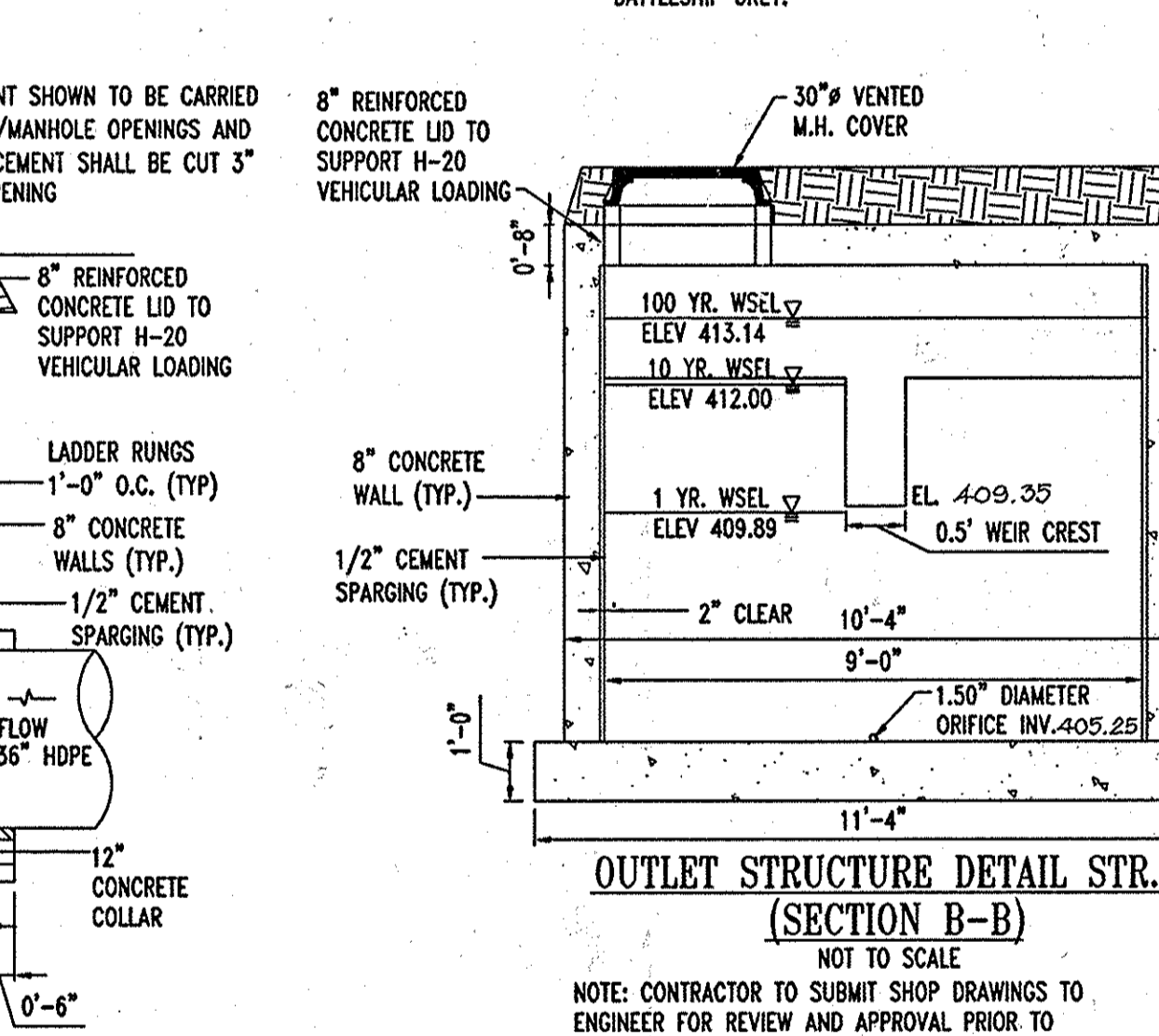
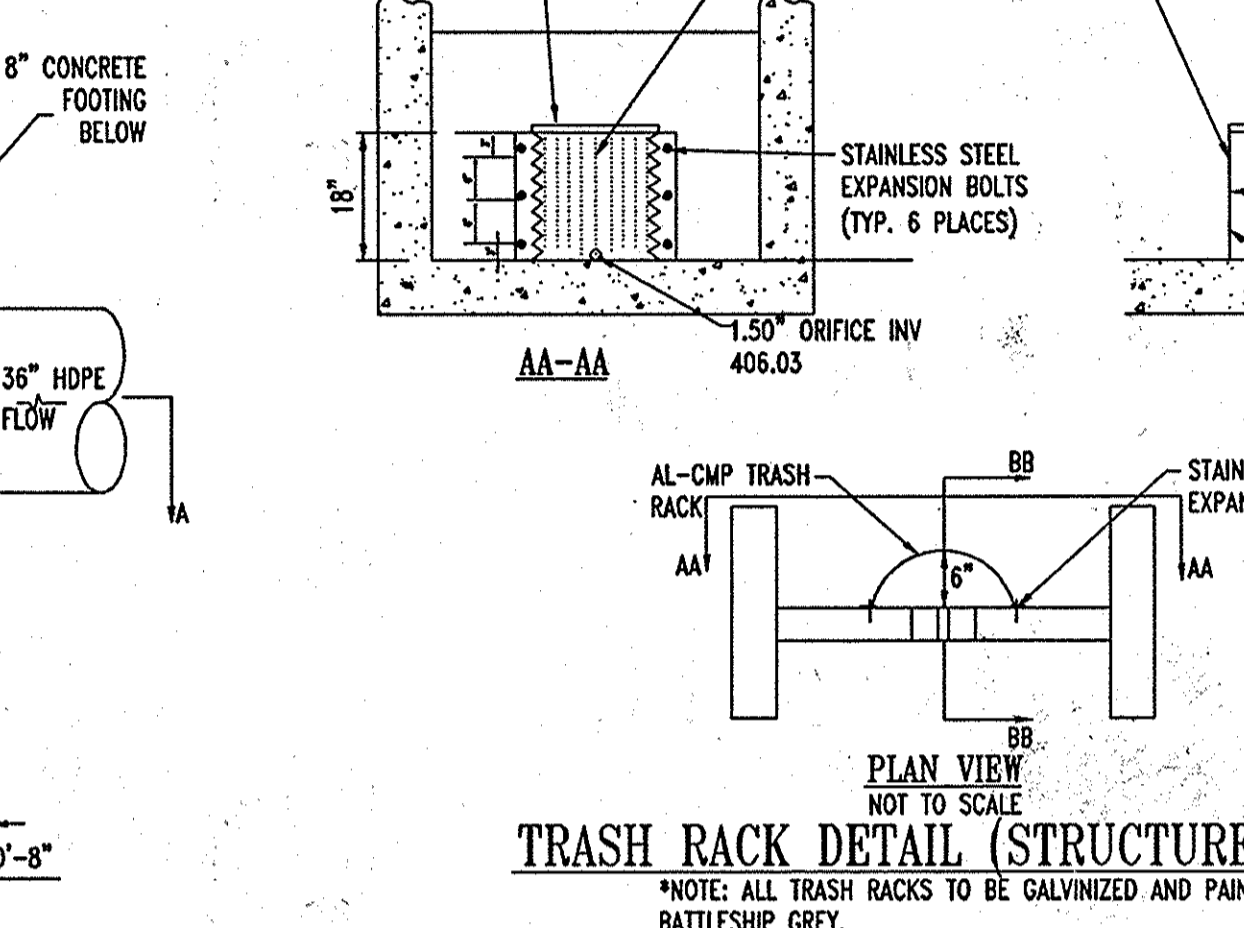
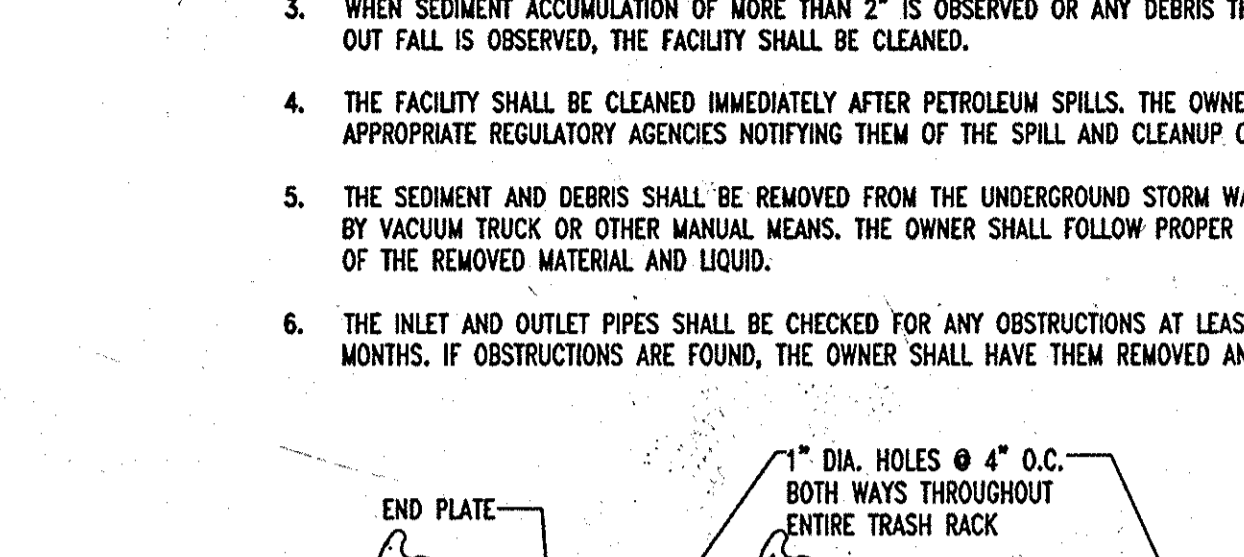
AS-BUILT CERTIFICATION
I HEREBY CERTIFY, BY MY SEAL, THAT THE CONDITIONS SHOWN ON THIS PLAN WERE CONSTRUCTED TO THE LINES AND GRADES SHOWN ON THIS AS-BUILT PLAN, AND MEET THE APPROVED PLANS AND SPECIFICATIONS AND ALSO THAT THESE DOCUMENTS WERE PREPARED BY ME OR UNDER MY RESPONSIBLE CHARGE AND THAT I AM A DULY LICENSED PROFESSIONAL LAND SURVEYOR UNDER THE LAWS OF THE STATE OF MARYLAND.
Michael D. Adcock
MICHAEL D. ADCOCK, PROFESSIONAL LAND SURVEYOR
MD REG. NO. 21257, EXPIRATION DATE: 06-15-15
DATE: 8/19/2010

- SOILS NOTES**
- FOOTING DESIGN BASES ON ASSUMES MAXIMUM ALLOWABLE SOILS BEARING CAPACITY OF 2,000 PSF. CONTRACTOR RESPONSIBLE TO VERIFY ADEQUACY OF ASSUMED BEARING CAPACITY PRIOR TO CONSTRUCTION ENGINEER TO BE NOTIFIED IF INCONSISTENCIES EXIST.
 - SUBGRADE TO BE FREE OF ORGANICS AND BE SUITABLE, COMPACTED MATERIAL.
 - BACKFILL SHALL BE PERFORMED IN 6" LIFTS COMPACTED TO 95% OPTIMUM PROCTOR DRY DENSITY.

- CONCRETE NOTES**
- CONCRETE SHALL HAVE A MINIMUM COMPRESSIVE STRENGTH OF 4,000 PSI AT 28 DAYS WITH A MINIMUM CEMENT CONTENT OF 600 POUNDS PER CUBIC YARD FOR ALL FOOTINGS.
 - ALL CONCRETE SHALL HAVE A SLUMP OF NO GREATER THAN 4" TO WITHIN A TOLERANCE OF 1'-0".
 - ALL EXPOSED CONCRETE SHALL BE AIR-ENTRAINED, 6% (WITHIN 1% TOLERANCE), CONFORMING TO ASTM C260.
 - ALL FRAMEWORK, AND PLACEMENT OF CONCRETE SHALL COMPLY WITH GOOD CONSTRUCTION PRACTICES AND BE IN ACCORDANCE WITH ALL LOCAL GOVERNING CODES, AND REGULATIONS AS WELL AS THE ACI AND UNIFORM BUILDING CODE.



- OPERATION AND MAINTENANCE SCHEDULE FOR UNDERGROUND FACILITIES**
- THE UNDERGROUND STORM WATER MANAGEMENT FACILITY IS PRIVATELY OWNED AND IT SHALL BE THE RESPONSIBILITY OF THE OWNER TO PERIODICALLY INSPECT AND CLEAN THE FACILITY TO MAINTAIN ITS OPERATION AND FUNCTION.
 - THE UNDERGROUND STORM WATER MANAGEMENT FACILITY SHALL BE INSPECTED YEARLY AT A MINIMUM AND AFTER ESPECIALLY SEVERE STORM EVENTS.
 - WHEN SEDIMENT ACCUMULATION OF MORE THAN 2" IS OBSERVED OR ANY DEBRIS THAT MIGHT OBSTRUCT THE OUT FLOW IS OBSERVED, THE FACILITY SHALL BE CLEANED.
 - THE FACILITY SHALL BE CLEANED IMMEDIATELY AFTER PETROLEUM SPILLS. THE OWNER SHALL CONTACT THE APPROPRIATE REGULATORY AGENCIES NOTIFYING THEM OF THE SPILL AND CLEANUP OPERATION.
 - THE SEDIMENT AND DEBRIS SHALL BE REMOVED FROM THE UNDERGROUND STORM WATER MANAGEMENT FACILITY BY VACUUM TRUCK OR OTHER MANUAL MEANS. THE OWNER SHALL FOLLOW PROPER CLEANING AND DISPOSAL OF THE REMOVED MATERIAL AND LIQUID.
 - THE INLET AND OUTLET PIPES SHALL BE CHECKED FOR ANY OBSTRUCTIONS AT LEAST ONCE EVERY SIX MONTHS. IF OBSTRUCTIONS ARE FOUND, THE OWNER SHALL HAVE THEM REMOVED AND PROPERLY DISPOSED OF.



AS-BUILT
APPROVED: DEPARTMENT OF PLANNING AND ZONING
Michael D. Adcock 7/10/10
CHIEF-DEVELOPMENT ENGINEERING DIVISION
Chris Hunt 8/10/10
CHIEF-DIVISION & LAND DEVELOPMENT
Merida K. Ruggles 8/10/10
DIRECTOR

APPROVED: FOR PUBLIC WATER AND PUBLIC SEWERAGE SYSTEMS.
Peter Brilenson 8/10/10
COUNTY HEALTH OFFICER
HOWARD COUNTY HEALTH DEPARTMENT 7790
12/15/06
1 4/14/16 REVISION TITLE
2 6/10/13 12" W/5" X 1" CORRUGATION PIPE REVISION
3 4/17/15 SIZE & AREA REVISION SEE CFA BACKFILLING
4 2/21/16 IRRIGATION LINE & CFA SERVICE YARD REVISIONS
5 12/06/17 Access Port Locations

OWNER: HOWARD COUNTY GENERAL PARTNERSHIP
C/O BRANTLY DEVELOPMENT GROUP
8835 COLUMBIA
100 PARKWAY, SUITE P
COLUMBIA, MD 21045
PHONE: (410) 730-0810

DEVELOPER: CHECK-FIL-A
5200 BUFFINGTON ROAD
ATLANTA, GA 30349-2998
C/O SCOTT PATMAN
PHONE: (404) 684-8660

AREA 3.59 AC. TAX MAP 41 GRID 22 ZONED B-2
PARCEL 425 L. 3.095, F. 39 & L. 7004, F. 653
5TH ELECTION DISTRICT, HOWARD COUNTY, MARYLAND

BOHLER ENGINEERING, P.C.
PROFESSIONAL ENGINEERING SERVICES
410 GREENGLADES COURT, SUITE 200, TOWSON, MD 21286
(410) 251-7800 FAX (410) 251-7801
REVISION: 12/15/06
DESIGNED BY: JD
DRAWN BY: RLB
PROJECT NO.: MD056502.1
DATE: 9/28/06
SCALE: AS SHOWN
DRAWING NO. 19 OF 26

PROFESSIONAL CERTIFICATION
I, JOSEPH J. LICHTNER, HEREBY CERTIFY THAT THESE DOCUMENTS WERE PREPARED OR APPROVED BY ME, AND THAT I AM A DULY LICENSED PROFESSIONAL ENGINEER UNDER THE LAWS OF THE STATE OF MARYLAND, LICENSE NO. 32004, EXPIRATION DATE: 06-15-15

Joseph J. Lichtner
PROFESSIONAL ENGINEER
6-10-12
FOR REVISION 4 ONLY

Michael D. Adcock
PROFESSIONAL LAND SURVEYOR
8-19-10
FOR REVISION 1 ONLY

Matthew T. Allen
PROFESSIONAL ENGINEER
8-28-06
FOR REVISION 2 ONLY

Matthew T. Allen
PROFESSIONAL ENGINEER
8-28-06
FOR REVISION 3 ONLY

AS-BUILT
APPROVED: DEPARTMENT OF PLANNING AND ZONING
Michael D. Adcock 7/10/10
CHIEF-DEVELOPMENT ENGINEERING DIVISION
Chris Hunt 8/10/10
CHIEF-DIVISION & LAND DEVELOPMENT
Merida K. Ruggles 8/10/10
DIRECTOR

APPROVED: FOR PUBLIC WATER AND PUBLIC SEWERAGE SYSTEMS.
Peter Brilenson 8/10/10
COUNTY HEALTH OFFICER
HOWARD COUNTY HEALTH DEPARTMENT 7790
12/15/06
1 4/14/16 REVISION TITLE
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5 12/06/17 Access Port Locations

OWNER: HOWARD COUNTY GENERAL PARTNERSHIP
C/O BRANTLY DEVELOPMENT GROUP
8835 COLUMBIA
100 PARKWAY, SUITE P
COLUMBIA, MD 21045
PHONE: (410) 730-0810

DEVELOPER: CHECK-FIL-A
5200 BUFFINGTON ROAD
ATLANTA, GA 30349-2998
C/O SCOTT PATMAN
PHONE: (404) 684-8660

AREA 3.59 AC. TAX MAP 41 GRID 22 ZONED B-2
PARCEL 425 L. 3.095, F. 39 & L. 7004, F. 653
5TH ELECTION DISTRICT, HOWARD COUNTY, MARYLAND

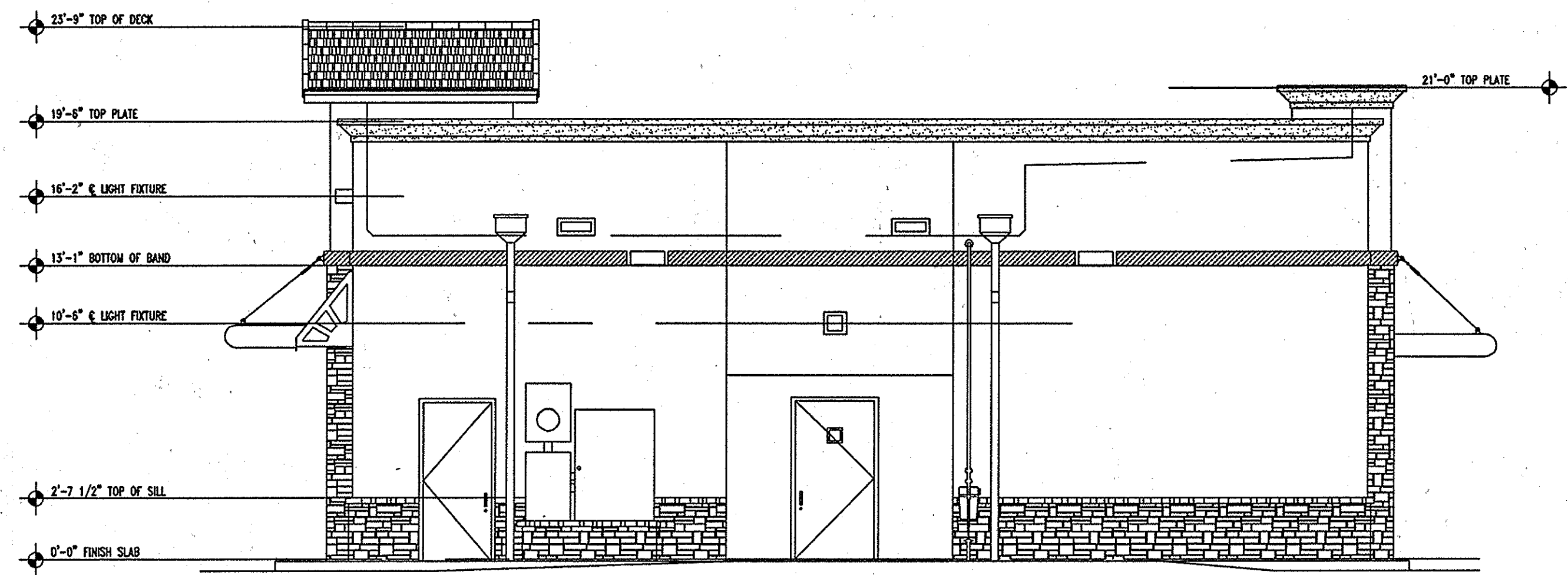
BOHLER ENGINEERING, P.C.
PROFESSIONAL ENGINEERING SERVICES
410 GREENGLADES COURT, SUITE 200, TOWSON, MD 21286
(410) 251-7800 FAX (410) 251-7801
REVISION: 12/15/06
DESIGNED BY: JD
DRAWN BY: RLB
PROJECT NO.: MD056502.1
DATE: 9/28/06
SCALE: AS SHOWN
DRAWING NO. 19 OF 26

REP. CONTRACTOR TO CALL MISS UTILITY TO HAVE ALL EXISTING UTILITIES MARKED 48 HOURS PRIOR TO ANY CONSTRUCTION.

SDP # 07-033



1 FRONT ELEVATION
1"=5'



2 REAR ELEVATION
1"=5'



1 SIDE ENTRY ELEVATION
1"=5'



2 D/T ELEVATION
1"=5'

2 D/T ELEVATION
1"=5'

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AS-BUILT CERTIFICATION
THERE IS NO "AS-BUILT" INFORMATION PROVIDED ON THIS SHEET.
Michael D. Adcock
MICHAEL D. ADCKOCK, PROFESSIONAL LAND SURVEYOR
MD REG. NO. 21297, EXPIRATION DATE: 09-16-15
DATE: 5/19/07



AS-BUILT
APPROVED: DEPARTMENT OF PLANNING AND ZONING
Chad Williams 7/19/07
CHIEF-DEVELOPMENT ENGINEERING DIVISION
Cindy Hunt 8/4/07
CHIEF-DIVISION & LAND DEVELOPMENT
Arnold A. Coughlin 8/6/07
DIRECTOR
APPROVED: FOR PUBLIC WATER AND PUBLIC SEWERAGE SYSTEMS.
Bridgette Peter Boleman 8/21/07
COUNTY HEALTH OFFICER
HOWARD COUNTY HEALTH DEPARTMENT 1790



FOR REVISION ONLY

MISS UTILITY



BEFORE YOU DIG CALL 800-281-7777 PROTECT YOURSELF, GIVE TWO WORKING DAYS NOTICE

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THE CONTRACTOR TO CALL MISS UTILITY TO HAVE ALL EXISTING UTILITIES MARKED 48 HOURS PRIOR TO ANY CONSTRUCTION.

| NO. | DATE | REVISION TITLE | REVISION DESCRIPTION |
|-----|---------|----------------|----------------------|
| 1 | 8/19/07 | | |

OWNER: HOPKINS STATION GENERAL PARTNERSHIP
C/O BRANTLY DEVELOPMENT GROUP
8635 COLUMBIA
100 PARKWAY, SUITE P
COLUMBIA, MD 21045
PHONE: (410) 730-0810

DEVELOPER: CHICK-FIL-A
5200 BUFFINGTON ROAD
ATLANTA, GA 30349-2998
C/O SCOTT PATMAN
PHONE: (404) 684-8880

CHICK-FIL-A RESTAURANT & MEDICAL BUILDING
PART OF LOT 1, HOPKINS STATION (FORMER PRICE FARMS, LOT1)
JOHN HOPKINS ROAD
LAUREL, HOWARD COUNTY, MARYLAND

AREA 3.59 AC. TAX MAP 41 GRID 22 ZONED B-2
PARCEL 425 L. 3.095, F. 39 & L. 7004, F. 655
5TH ELECTION DISTRICT, HOWARD COUNTY, MARYLAND

BOHLER ENGINEERING, P.C.
PROFESSIONAL ENGINEERING SERVICES
4810 CLEMENSBERG COURT, SUITE 3000, TOWSON, MD 21286
(410) 821-7900 FAX (410) 821-7907 | www.bohlereng.com

REVISIONS:
DESIGNED BY: JD
DRAWN BY: RLB
PROJECT NO.: MD05502.1
DATE: 9/28/06
SCALE: AS SHOWN
DRAWING NO. 20 OF 28



T.O. PARAPET
EL. +30'-2"

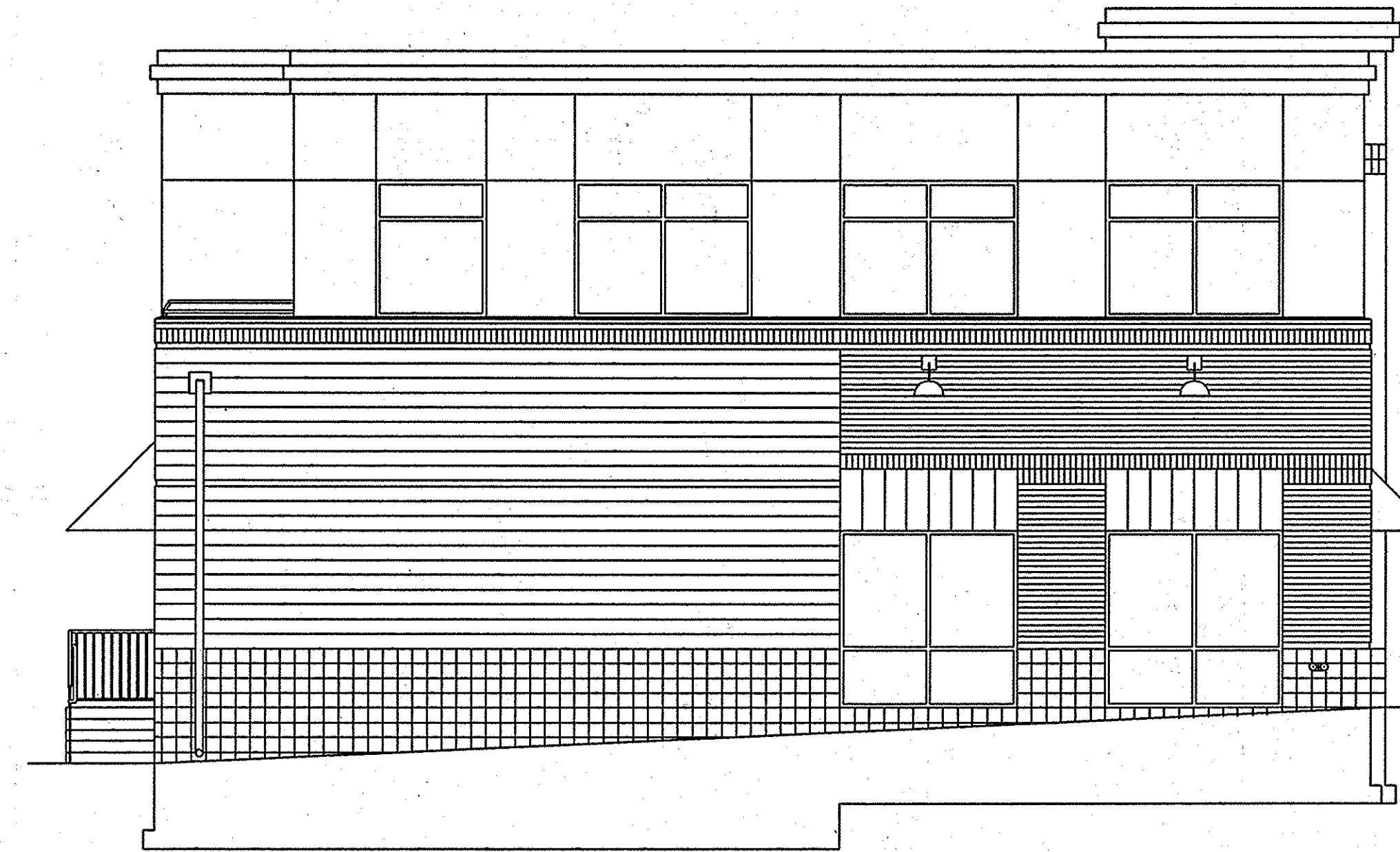
T.O. ROWLOCK COURSE
EL. +17'-8 3/4"

SECOND FLOOR
EL. +15'-0"

FIRST FLOOR
EL. +0'-0"

1 FRONT ELEVATION
1"=6'

MEAN HEIGHT = 30'-2"



T.O. PARAPET
EL. +30'-2"

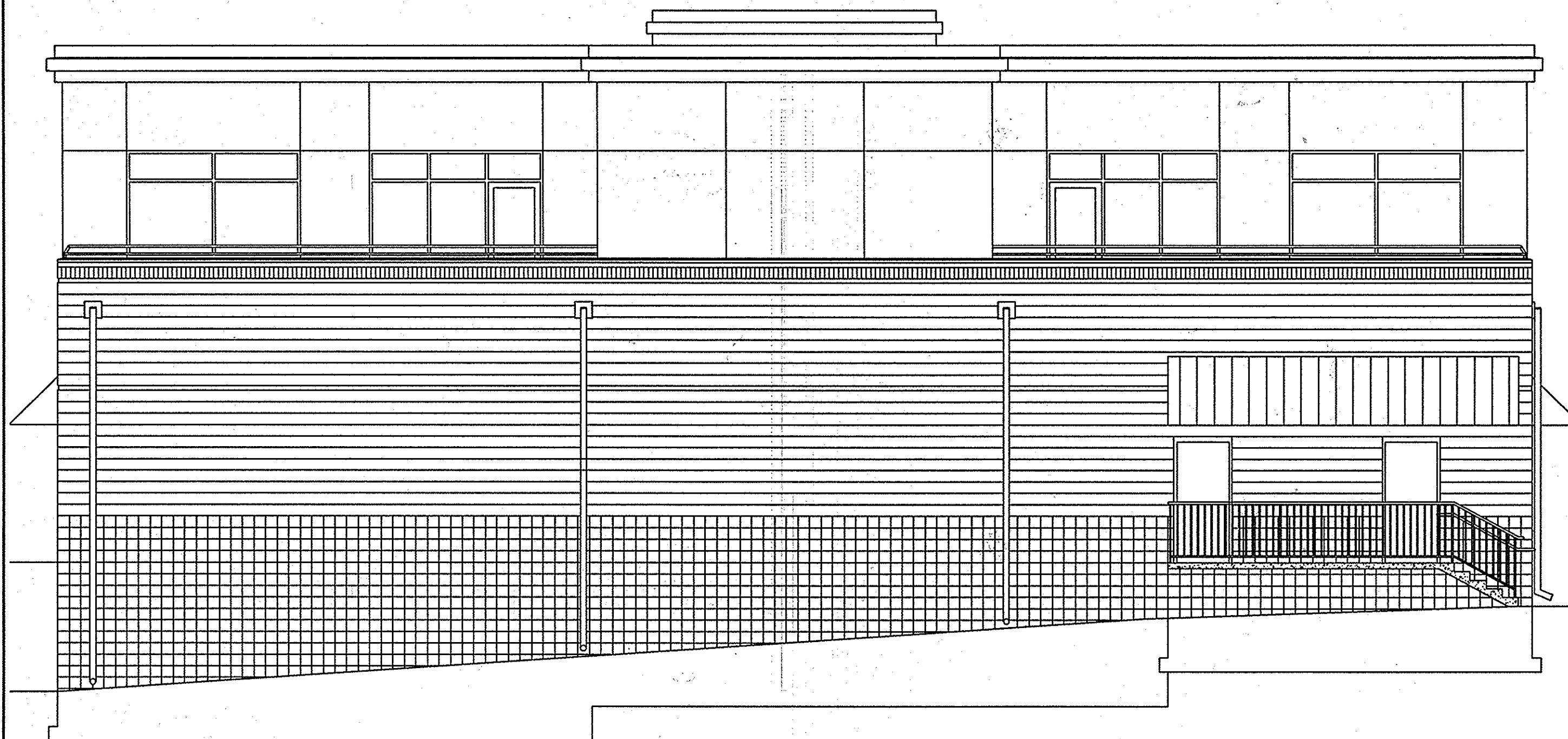
T.O. ROWLOCK COURSE
EL. +17'-8 3/4"

SECOND FLOOR
EL. +15'-0"

FIRST FLOOR
EL. +0'-0"

3 RIGHT ELEVATION
1"=6'

MEAN HEIGHT = 31'-6"



T.O. PARAPET
EL. +30'-2"

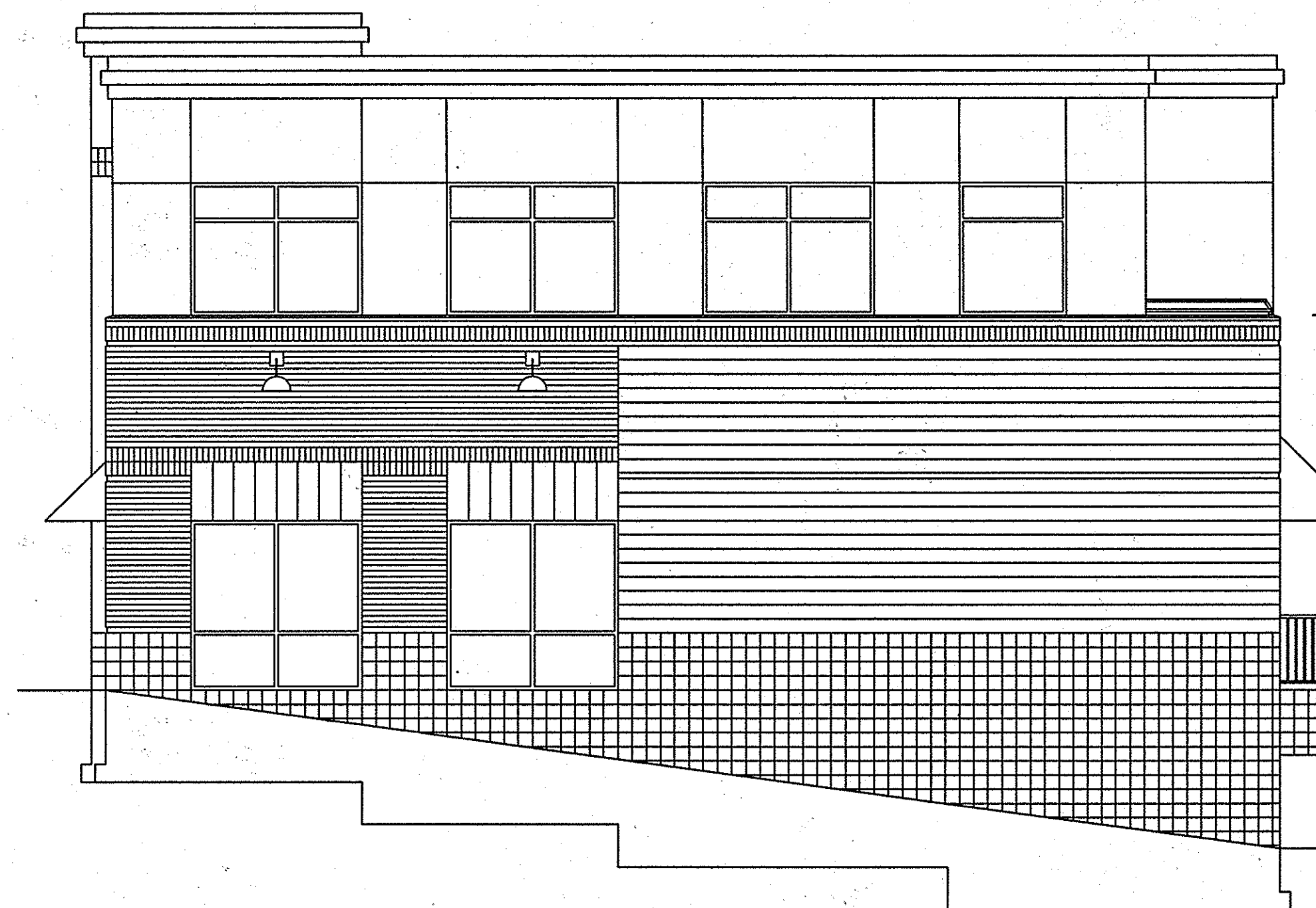
T.O. ROWLOCK COURSE
EL. +17'-8 3/4"

SECOND FLOOR
EL. +15'-0"

FIRST FLOOR
EL. +0'-0"
GRADE

2 REAR ELEVATION
1"=6'

MEAN HEIGHT = 35'-0"



T.O. PARAPET
EL. +30'-2"

T.O. ROWLOCK COURSE
EL. +17'-8 3/4"

SECOND FLOOR
EL. +15'-0"

FIRST FLOOR
EL. +0'-0"

4 LEFT ELEVATION
1"=8'

MEAN HEIGHT = 34'-0"

MEAN HEIGHT FOR BUILDING = 32'-8"

GENERAL NOTE:
IT IS THE RESPONSIBILITY OF THE CONTRACTOR TO REVIEW ALL OF THE DRAWINGS AND SPECIFICATIONS ASSOCIATED WITH THIS PROJECT WORK SCOPE PRIOR TO THE INITIATION OF CONSTRUCTION. SHOULD THE CONTRACTOR FIND A CONFLICT WITH THE DOCUMENTS RELATIVE TO THE SPECIFICATIONS OR APPLICABLE CODES, IT IS THE CONTRACTOR'S RESPONSIBILITY TO NOTIFY BOHLER ENGINEERING, P.C. IN WRITING PRIOR TO THE START OF CONSTRUCTION. FAILURE BY THE CONTRACTOR TO NOTIFY BOHLER ENGINEERING, P.C. SHALL CONSTITUTE ACCEPTANCE OF FULL RESPONSIBILITY BY THE CONTRACTOR TO COMPLETE THE SCOPE OF THE WORK AS DEFINED BY THE DRAWINGS AND IN FULL CONFORMANCE WITH LOCAL REGULATIONS AND CODES.

AS-BUILT CERTIFICATION
THERE IS NO "AS-BUILT" INFORMATION PROVIDED ON THIS SHEET.

Michael D. Adcock
MICHAEL D. ADCKOCK, PROFESSIONAL LAND SURVEYOR
MD REG. NO. 21297, EXPIRATION DATE: 06/16/15

9/15/2013
DATE

AS-BUILT
NOTE:
FINAL DIMENSIONS NOT YET AVAILABLE.
HEIGHT NOT TO EXCEED 40'-0".

APPROVED: DEPARTMENT OF PLANNING AND ZONING
Michael D. Adcock 7/19/12
CHIEF-DEVELOPMENT ENGINEERING DIVISION
DATE

Cindy Harvath 7/19/12
CHIEF-DIVISION & LAND DEVELOPMENT
DATE

Mark H. Long 8/6/12
DIRECTOR
DATE

APPROVED: FOR PUBLIC WATER AND PUBLIC SEWERAGE SYSTEMS.
Brian P. Bieleman 8/21/12
COUNTY HEALTH OFFICER
HOWARD COUNTY HEALTH DEPARTMENT
DATE

| NO. | DATE | REVISION DESCRIPTION |
|-----|------|----------------------|
| | | |

OWNER:
HOPKINS STATION GENERAL PARTNERSHIP
C/O BRANTLY DEVELOPMENT GROUP
8835 COLUMBIA
100 PARKWAY, SUITE P
COLUMBIA, MD 21046
PHONE: (410) 730-0810

DEVELOPER:
CHICK-FIL-A
3200 BUFFINGTON ROAD
ATLANTA, GA 30349-2998
C/O SCOTT PATMAN
PHONE: (404) 684-8660

CHICK-FIL-A RESTAURANT & GENERAL OFFICE/RETAIL BUILDING
PART OF LOT 1, HOPKINS STATION (FORMER PRICE FARMS, LOT1)
JOHN HOPKINS ROAD
LAUREL, HOWARD COUNTY, MARYLAND

AREA 3.59 AC. TAX MAP 41 GRID 22 ZONED B-2
PARCEL 425 L. 3.095, F. 39 & L. 7004, F. 653
5TH ELECTION DISTRICT, HOWARD COUNTY, MARYLAND

MISS UTILITY

BEFORE YOU DIG CALL
1-800-368-7777
PROJECT NUMBER: 2012-001
WORKING DAYS NOTICE

THIS DRAWING DOES NOT INCLUDE NECESSARY COMPONENTS FOR CONSTRUCTION SAFETY. ALL CONSTRUCTION MUST BE DONE IN COMPLIANCE WITH THE OCCUPATIONAL SAFETY AND HEALTH ACT OF 1970 AND ALL RULES AND REGULATIONS THERE TO APPLICABLE.

THE CONTRACTOR TO CALL MISS UTILITY TO HAVE ALL EXISTING UTILITIES MARKED 48 HOURS PRIOR TO ANY CONSTRUCTION.

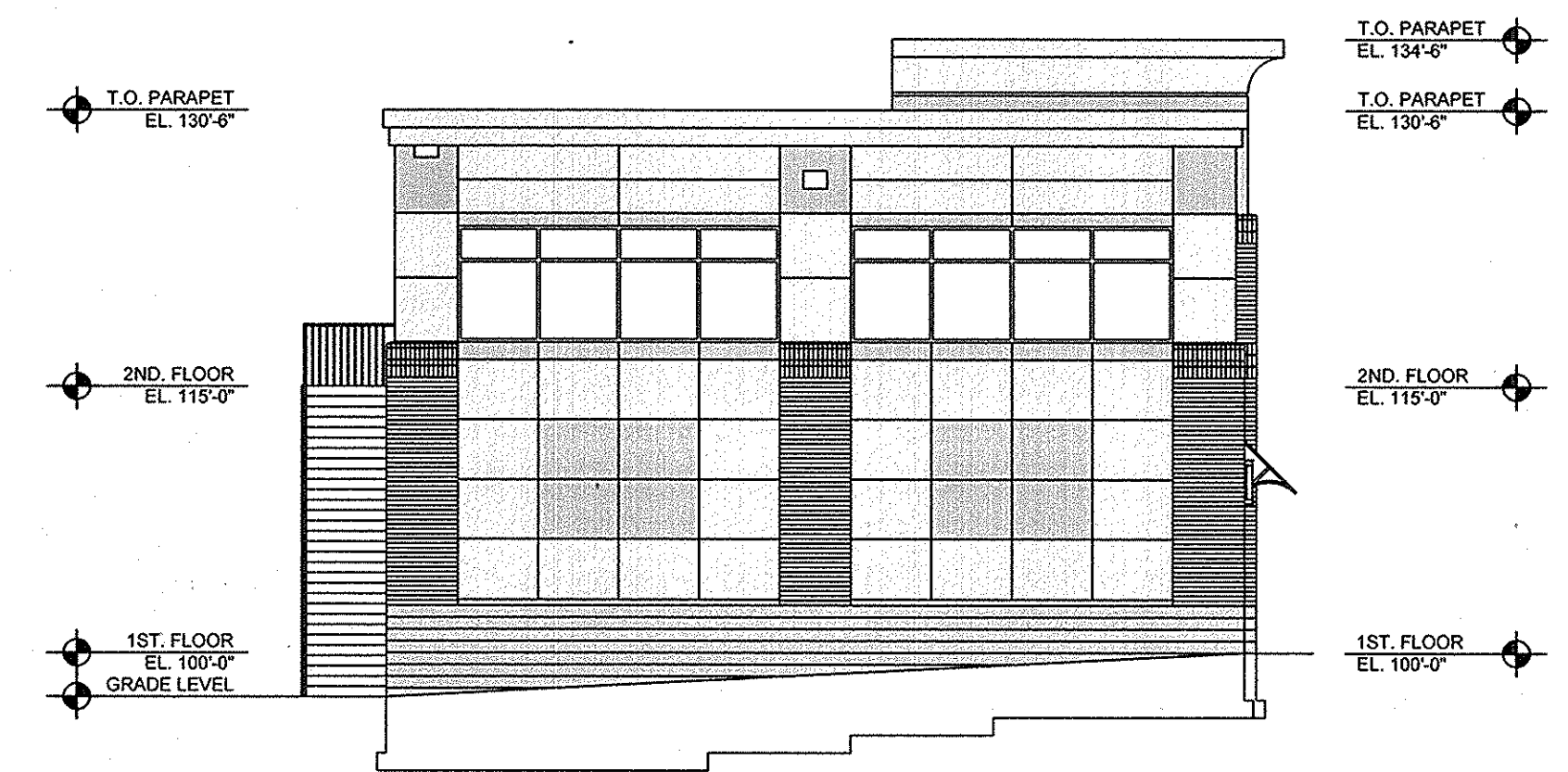
BUILDING ELEVATIONS

BOHLER ENGINEERING, P.C.
PROFESSIONAL ENGINEERING SERVICES
4110 GLENDALES COURT, SUITE 800, TOWSON, MD 21286
(410) 821-7900 FAX (410) 821-7901 www.bohlereng.com

DESIGNED BY: JD
DRAWN BY: RLB
PROJECT NO.: MD056502.1
DATE: 9/28/06
SCALE: AS SHOWN
DRAWING NO. 21 OF 28
PROFESSIONAL ENGINEER NO. 28567



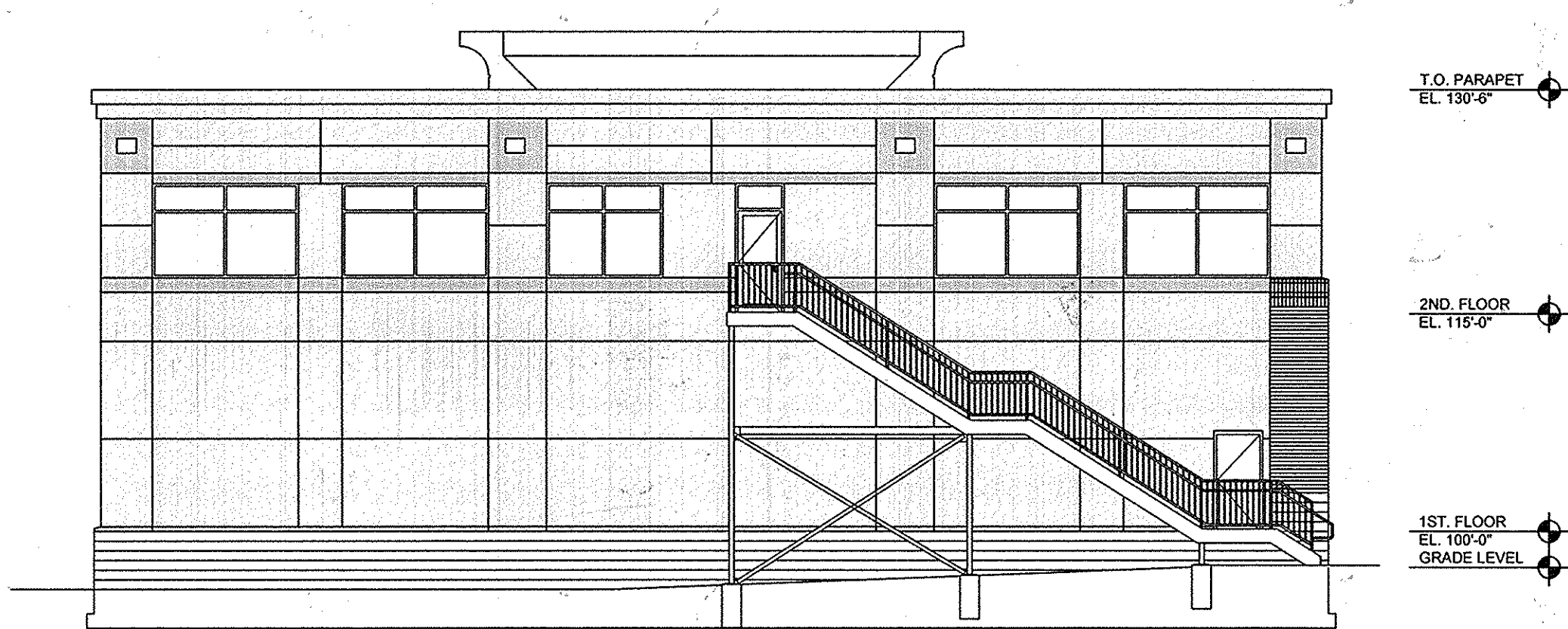
FRONT ELEVATION
SCALE: 1" = 10'



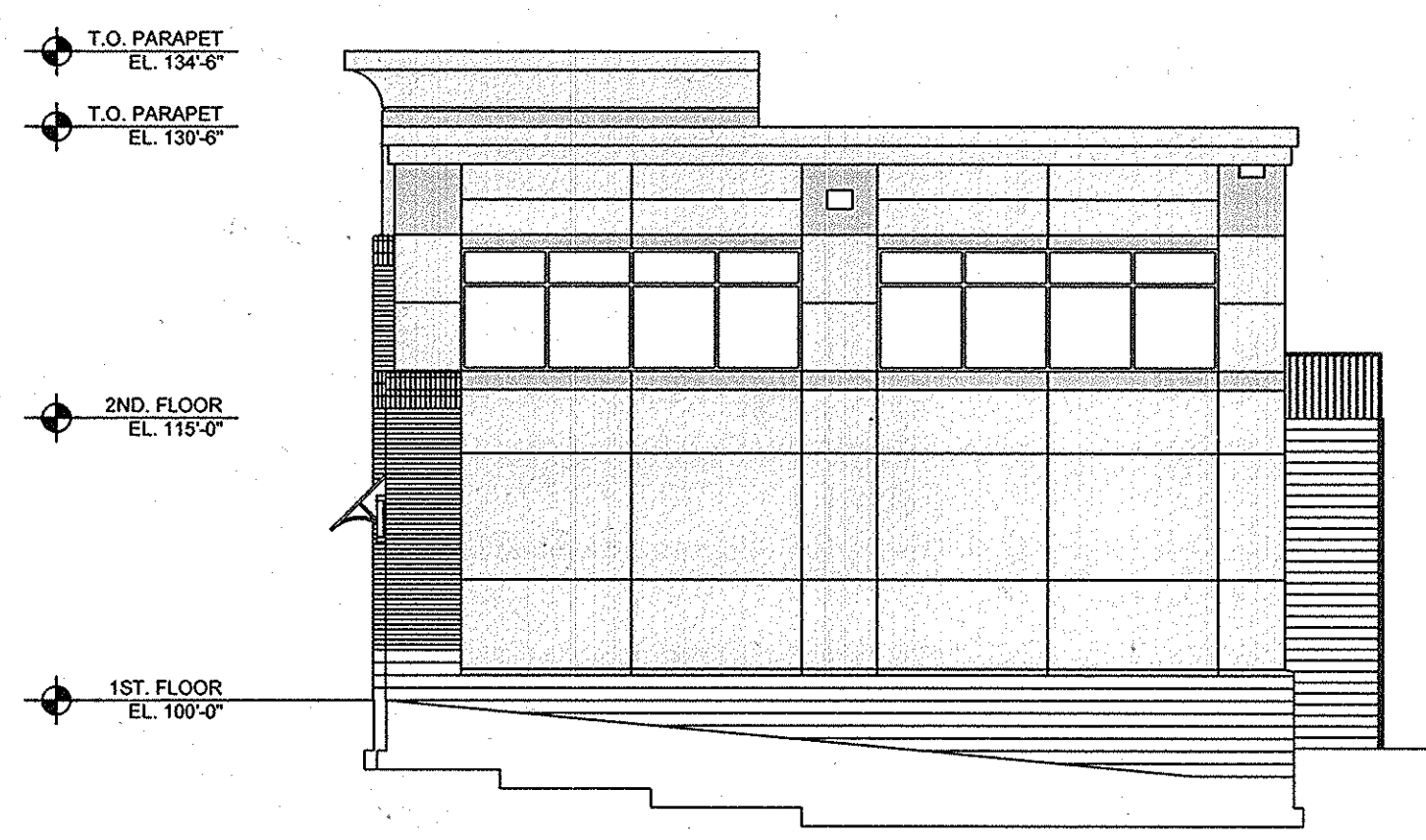
RIGHT ELEVATION
SCALE: 1" = 10'

AS-BUILT CERTIFICATION
THERE IS NO "AS-BUILT" INFORMATION PROVIDED ON THIS SHEET

Michael D. Adcock
MICHAEL D. ADCOCK, PROFESSIONAL LAND SURVEYOR
MD. REG. NO. 21257, EXPIRATION DATE: 06-16-15
DATE: 4-15-2019



REAR ELEVATION
SCALE: 1" = 10'



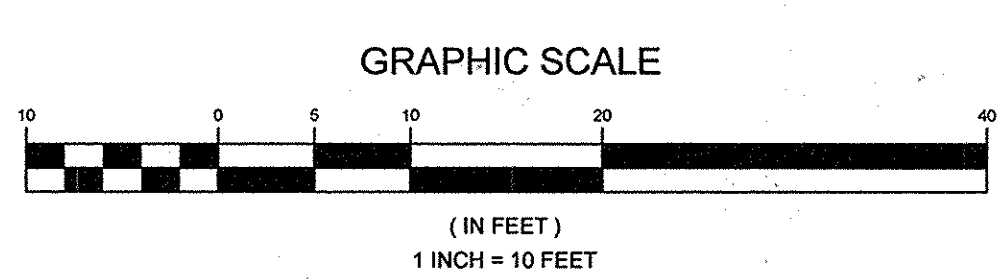
LEFT ELEVATION
SCALE: 1" = 10'

THE PURPOSE OF THIS REVISED SITE DEVELOPMENT PLAN IS TO SHOW THE BUILDING #2 ELEVATIONS PER THE REVISED ARCHITECTURAL PLANS.

REVISED SITE DEVELOPMENT PLAN

OWNER/DEVELOPER

HOPKINS HOLDINGS, LLC
6339 TEN OAKS ROAD, SUITE 300
CLARKSVILLE, MARYLAND 21029



APPROVED: HOWARD COUNTY DEPARTMENT OF PLANNING AND ZONING
Edmund 4-22-15
CHIEF, DEVELOPMENT ENGINEERING DIVISION DATE
V. Beland 4-27-15
CHIEF, DIVISION OF LAND DEVELOPMENT DATE
Michael D. Adcock 4-27-15
DIRECTOR DATE

| No. | DESCRIPTION | DATE |
|-----|---|------------|
| 1 | ADD SHEET TO SHOW REVISED ELEVATIONS, BUILDING #2 | 04/12/2015 |

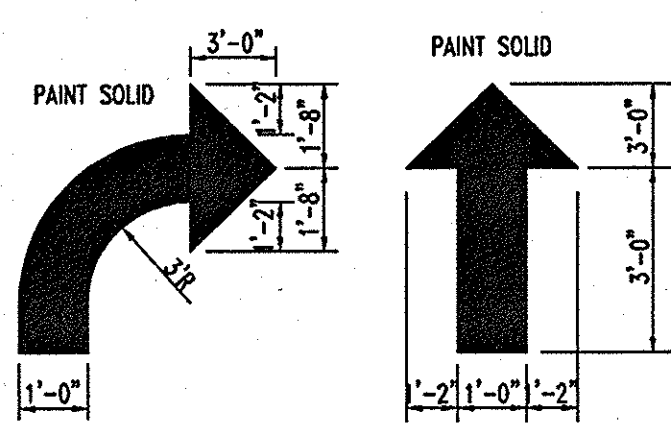
BUILDING #2 ELEVATIONS
CHICK-FIL-A RESTAURANT
AND MEDICAL BUILDING
PART OF LOT 1 HOPKINS STATION
(FORMERLY PRICE FARMS, LOT 1)

TAX MAP 41 GRID 22 PARCEL 425
5TH ELECTION DISTRICT HOWARD COUNTY, MARYLAND

SILL ENGINEERING GROUP, LLC
3300 North Ridge Road, Suite 160
Ellicott City, Maryland 21043
Phone: 443.325.7682
Fax: 443.325.7685
Email: info@sillengineering.com
Civil Engineering for Land Development

DESIGN BY: PS
DRAWN BY: PS
CHECKED BY: PS
SCALE: AS SHOWN
DATE: APRIL 12, 2015
PROJECT #: 15-009
SHEET #: 21 of 28

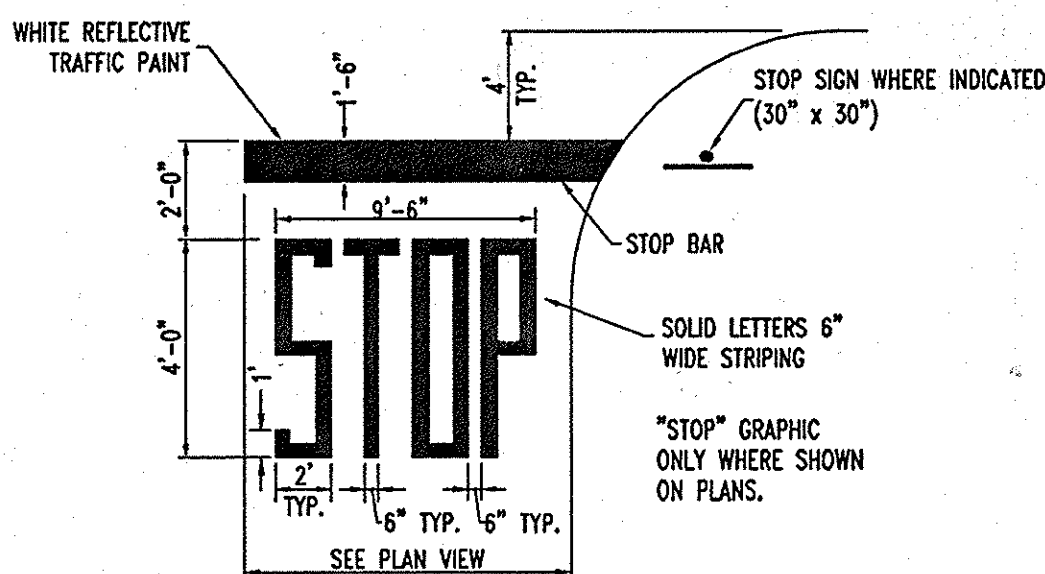
PROFESSIONAL CERTIFICATION: I HEREBY CERTIFY THAT THESE DOCUMENTS WERE PREPARED OR APPROVED BY ME, AND THAT I AM A DULY LICENSED PROFESSIONAL ENGINEER UNDER THE LAWS OF THE STATE OF MARYLAND, LICENSE NO. 32025, EXPIRATION DATE: JUNE 20, 2015



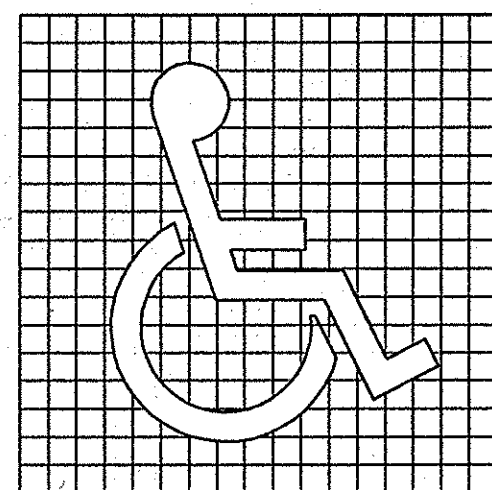
DIRECTIONAL ARROW
NOT TO SCALE



DRIVE-THRU GRAPHICS
NOT TO SCALE



STOP LINE GRAPHIC DETAIL
NOT TO SCALE

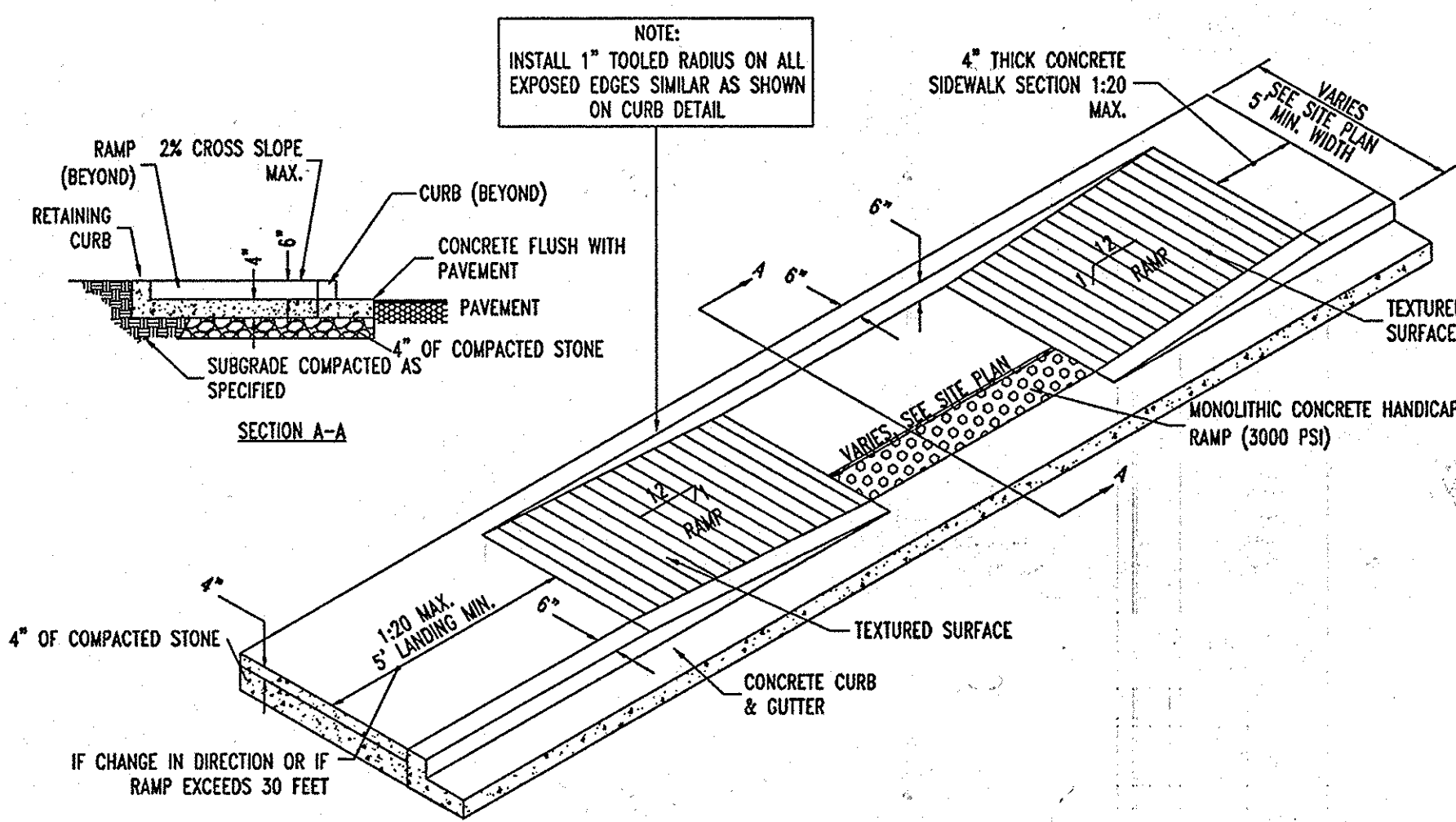


PROPORTIONS OF INTERNATIONAL SYMBOL OF ACCESSIBILITY

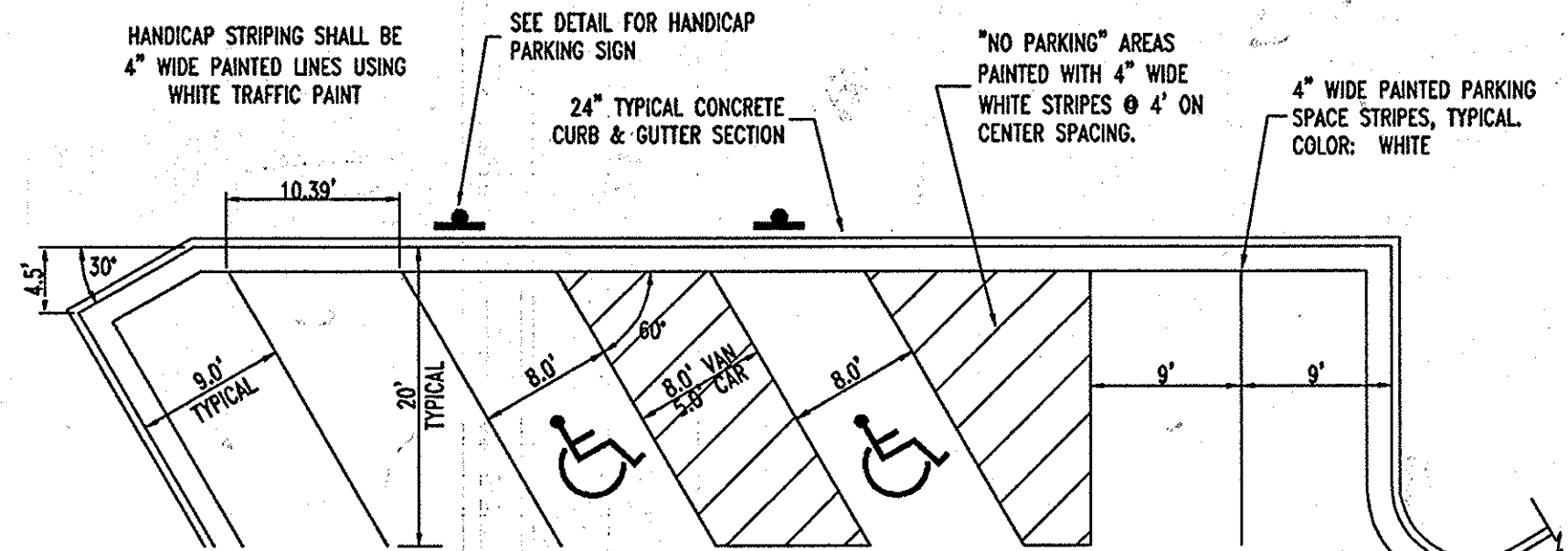


DISPLAY CONDITIONS OF INTERNATIONAL SYMBOL OF ACCESSIBILITY

PAINTED HANDICAP SYMBOL
NOT TO SCALE



SIDEWALK HANDICAP RAMP DETAIL
NOT TO SCALE



STANDARD PARKING STALL
NOT TO SCALE

TRAFFIC MARKING PAINT
1. SURFACE PREPARATION: SURFACE MUST BE CLEAN, DRY, AND IN SOUND CONDITION. REMOVE ALL OIL, DUST, GREASE, DIRT, AND OTHER FOREIGN MATERIAL TO ENSURE ADEQUATE ADHESION.
2. RECOMMENDED SPREADING RATE PER COAT: APPROXIMATELY 320 LINEAL FEET OF STANDARD 4" STRIPES PER GALLON.
WET MILS: 15.0
DRY MILS: 9.0
COVERAGE: 100 SQ. FT./GAL APPROXIMATE

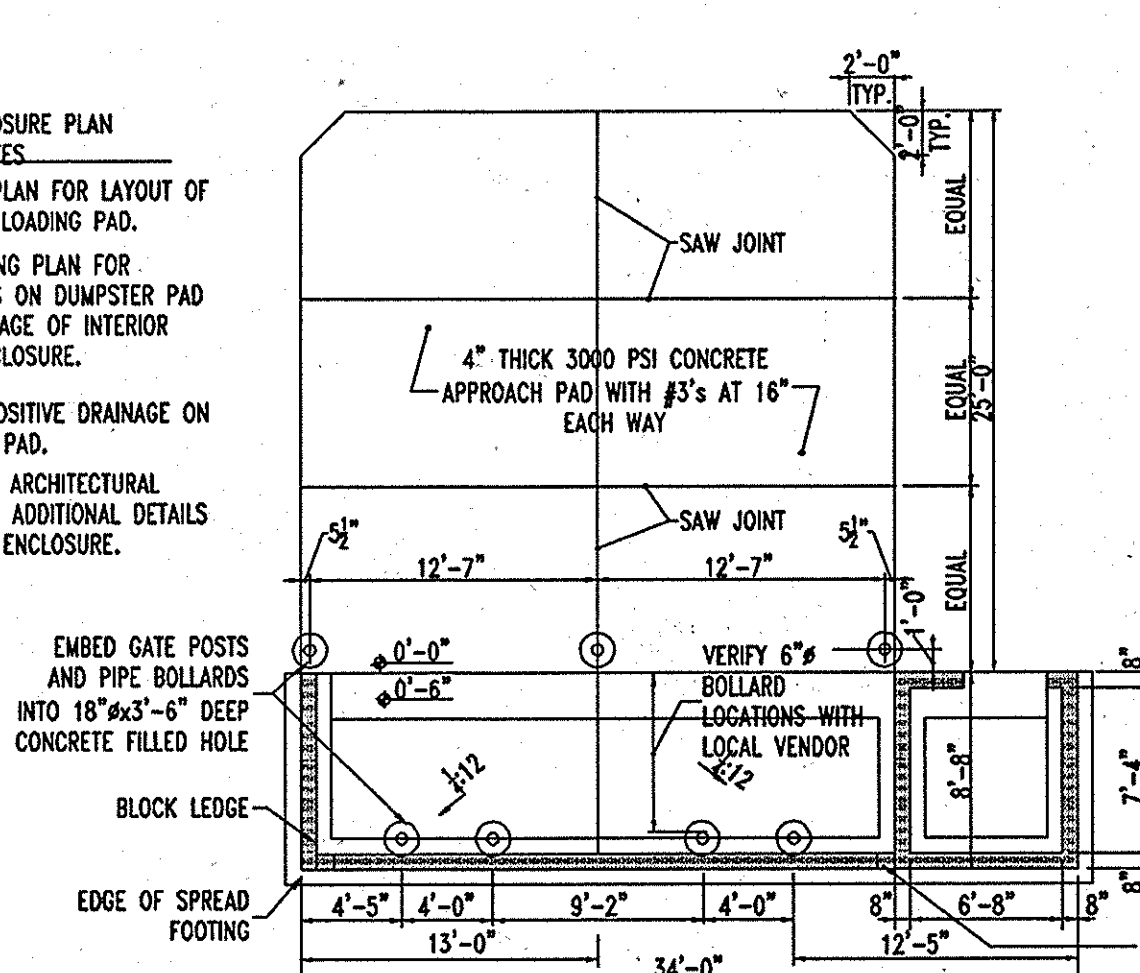
50° DEGREE PARKING

50° DEGREE PARKING

NOTE: HANDICAP PARKING AND ACCESSIBLE AISLES SHALL NOT EXCEED 1:50 IN SLOPE IN ANY DIRECTION. IF ONLY ONE ACCESS ISLE IS INSTALLED, IT IS TO BE A VAN SIZE.

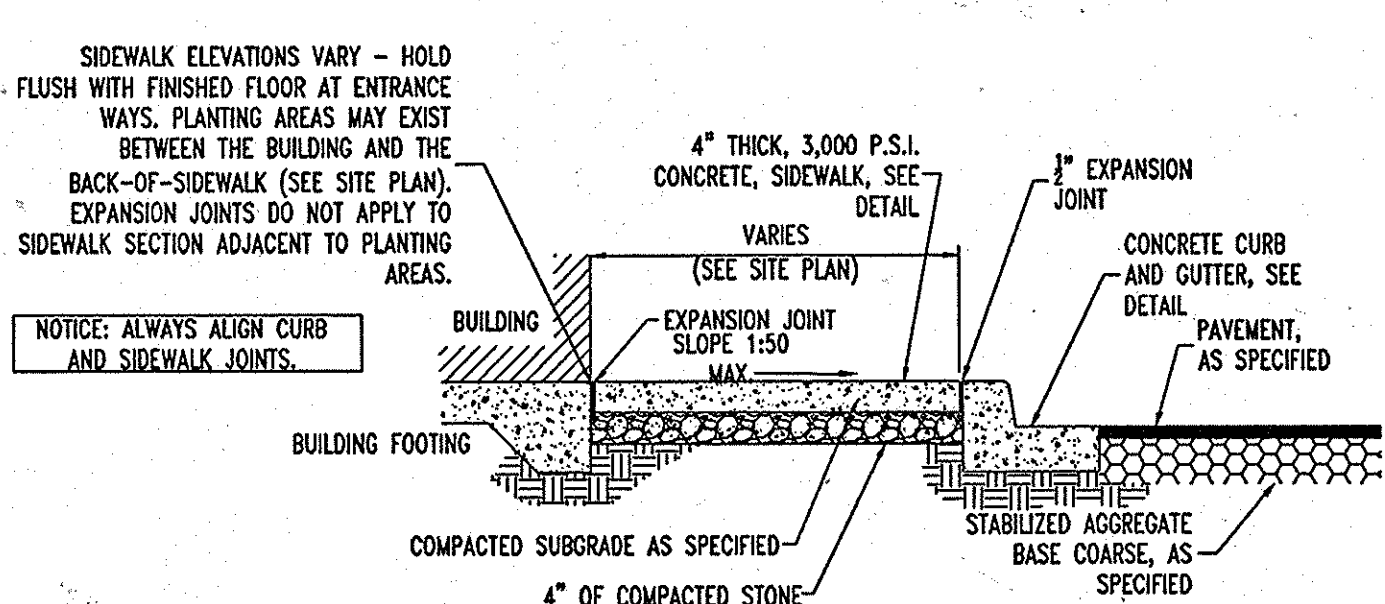
NOTE: PARKING STALL DIMENSIONING SHALL BE IN ACCORDANCE WITH APPLICABLE GOVERNING AUTHORITY'S STANDARDS FOR THE DIMENSIONING SHOWN ON THE SITE LAYOUT PLAN.

- TRASH ENCLOSURE PLAN GENERAL NOTES**
- SEE SITE PLAN FOR LAYOUT OF CONCRETE LOADING PAD.
 - SEE GRADING PLAN FOR ELEVATIONS ON DUMPSTER PAD AND DRAINAGE OF INTERIOR TRASH ENCLOSURE.
 - PROVIDE POSITIVE DRAINAGE ON APPROACH PAD.
 - SEE SHEET ARCHITECTURAL PLANS FOR ADDITIONAL DETAILS ON TRASH ENCLOSURE.

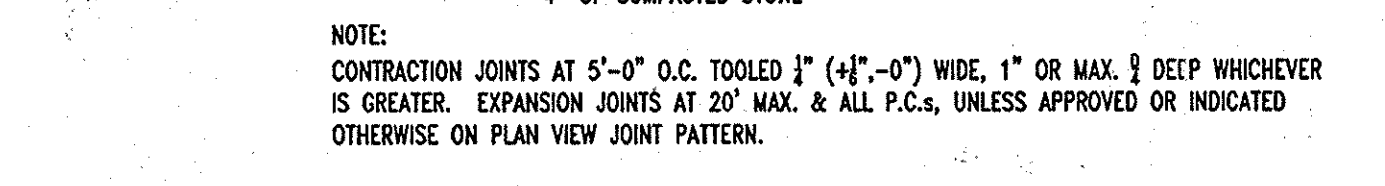


REFUSE ENCLOSURE ALTERNATE DRAINAGE PLAN
NOT TO SCALE

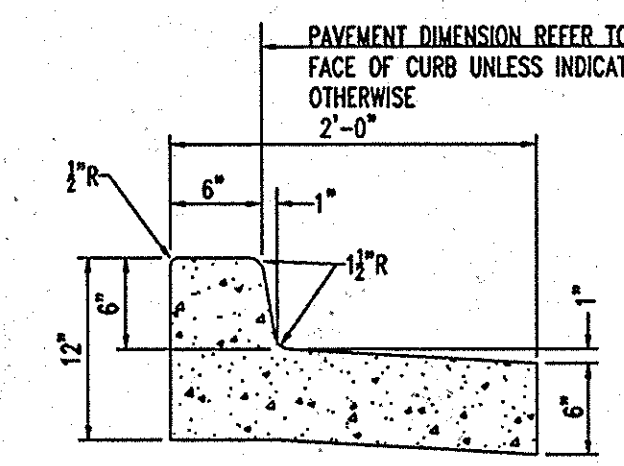
NOTE: ALWAYS ALIGN CURB AND SIDEWALK JOINTS.



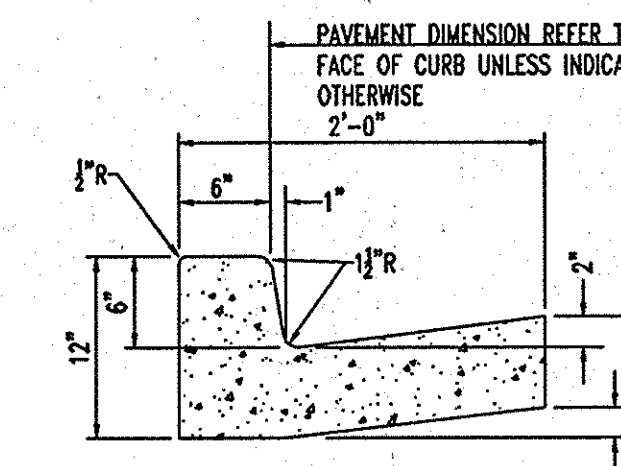
TYPICAL CONCRETE SIDEWALK
NOT TO SCALE



SIDEWALK WITH CURB & GUTTER SECTION
NOT TO SCALE



SPILLING CURB AND GUTTER



CATCHING CURB AND GUTTER

CONCRETE FOR CURBING SHALL HAVE A MINIMUM COMPRESSIVE STRENGTH OF 3000 P.S.I. AT 28 DAYS.

CONSTRUCTION STAKING FOR CURBING INSTALLATION SHALL BE REFERENCED (CUT OR FILL) TO THE FACE OF CURB.

AT CONTRACTOR'S OPTION THE GUTTER THICKNESS MAY BE INCREASED AT THE EDGE OF PAVEMENT TO MAKE BOTTOM OF GUTTER PARALLEL WITH PAVING OF BASE COURSE.

CONTRACTION JOINTS AT 10'-0" O.C. TOOLED 1/4" (±1/16", -0) WIDE, 1" OR MAX. D/4 DEEP WHICHEVER IS GREATER. EXPANSION JOINTS AT 40' MAX. AND ALL P.C.'S, UNLESS APPROVED OR INDICATED OTHERWISE ON PLAN VIEW JOINT PATTERN.

24" CONCRETE CURB & GUTTER
NOT TO SCALE

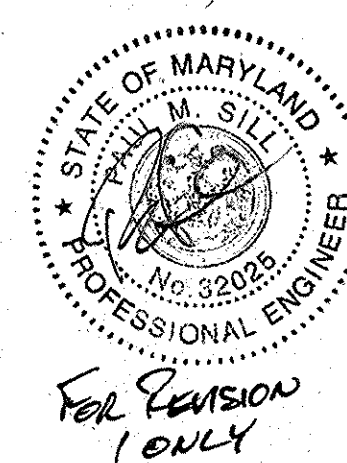
| MAX. RISE/RUN FOR ACCESSIBLE RAMPS | | |
|------------------------------------|--------------|-------------------------------|
| SLOPE | MAXIMUM RISE | MAXIMUM HORIZONTAL PROJECTION |
| 1:12 TO < 1:16 | 30 INCHES | 30 FEET |
| 1:16 TO < 1:20 | 30 INCHES | 40 FEET |

RAMPS SECTION 4.8.1 - 4.8.3
*ANY PART OF AN ACCESSIBLE ROUTE WITH A SLOPE GREATER THAN 1:20 SHALL BE CONSIDERED A RAMP AND SHALL COMPLY WITH 4.8
*THE LEAST POSSIBLE SLOPE SHALL BE USED FOR ANY RAMP.
*THE MINIMUM CLEAR WIDTH OF A RAMP SHALL BE 36".
*SEE MAXIMUM RISE/RUN CHART FOR ACCEPTABLE SLOPES.

LANDINGS SECTION 4.8.4
LEVEL LANDINGS WILL BE PROVIDED AT TOP AND BOTTOM OF EACH RAMP. LANDING LENGTH SHALL BE MIN. 60" AND BE AS WIDE AS RAMP MIN. 36".
*IF RAMP CHANGES DIRECTION LANDING WILL BE MIN. 60"x60"
*IF A DOORWAY IS LOCATED AT A LANDING, THEN THE AREA IN FRONT OR THE DOORWAY SHALL COMPLY WITH 4.13.6"

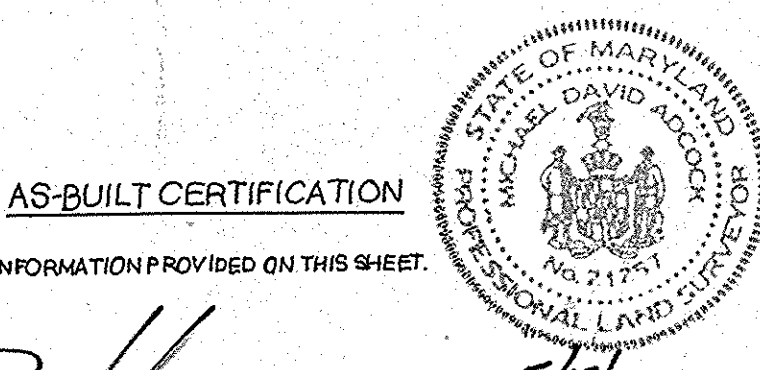
HANDRAILS SECTION 4.8.5 AND 4.26
*IF A RAMP HAS A RISE GREATER THAN 6" OR A HORIZONTAL PROJECTION GREATER THAN 72", THEN IT SHALL HAVE HANDRAILS ON BOTH SIDES.
*HANDRAIL WILL BE CONSTRUCTED OF WELDED STEEL PIPE - GRIND SMOOTH AND PAINT TO MATCH DARK BRONZE.

CROSS SLOPE SECTION 4.8.6, 4.5.7
*THE CROSS SLOPE OF RAMP SURFACES SHALL BE NO GREATER THAN 1:50
*NOWHERE SHALL THE CROSS SLOPE OF AN ACCESSIBLE ROUTE EXCEED 1:50.



BEFORE YOU DIG CALL MISS UTILITY PROTECT YOURSELF. GIVE TWO WORKING DAYS NOTICE.

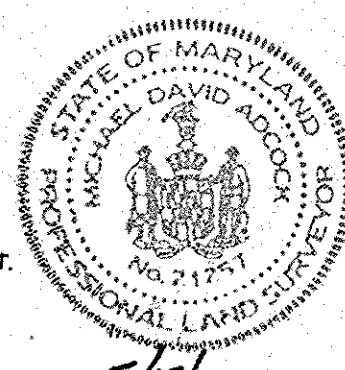
THIS DRAWING DOES NOT INCLUDE NECESSARY COMPONENTS FOR CONSTRUCTION SAFETY. ALL CONSTRUCTION MUST BE DONE IN COMPLIANCE WITH THE OCCUPATIONAL SAFETY AND HEALTH ACT OF 1970 AND ALL RULES AND REGULATIONS THEREOF APPLICABLE.



AS-BUILT CERTIFICATION

THERE IS NO "AS-BUILT" INFORMATION PROVIDED ON THIS SHEET.

Michael D. Adcock, Professional Land Surveyor
MD REG. NO. 21297, EXPIRATION DATE: 06-16-19



DATE: 5/19/2013

AS-BUILT

APPROVED: DEPARTMENT OF PLANNING AND ZONING
 Chief-Development Engineering Division: *Michael Adcock* 7/19/10
 Chief-Division & Land Development: *Cindy Hanna* 8/3/10
 Director: *Mark D. Anglin* 8/16/10
 APPROVED: FOR PUBLIC WATER AND PUBLIC SEWERAGE SYSTEMS.
 County Health Officer: *Brian P. Peterson* 8/17/10
 Howard County Health Department

| NO. | DATE | REVISE TITLE | REVISION DESCRIPTION |
|-----|---------|--------------|----------------------|
| 1 | 8/12/10 | | |

OWNER: HOPKINS STATION GENERAL PARTNERSHIP
 C/O BRANTLY DEVELOPMENT GROUP
 100 PARKWAY, SUITE P
 COLUMBIA, MD 21045
 PHONE: (410) 730-0810

DEVELOPER: CHICK-FIL-A
 5200 BUFFINGTON ROAD
 ATLANTA, GA 30349-2998
 C/O SCOTT PATMAN
 PHONE: (404) 884-8660

CHICK-FIL-A RESTAURANT & MEDICAL BUILDING
 PART OF LOT 1, HOPKINS STATION (FORMER PRICE FARMS, LOT1)
 JOINS HOPKINS ROAD
 LAUREL, HOWARD COUNTY, MARYLAND

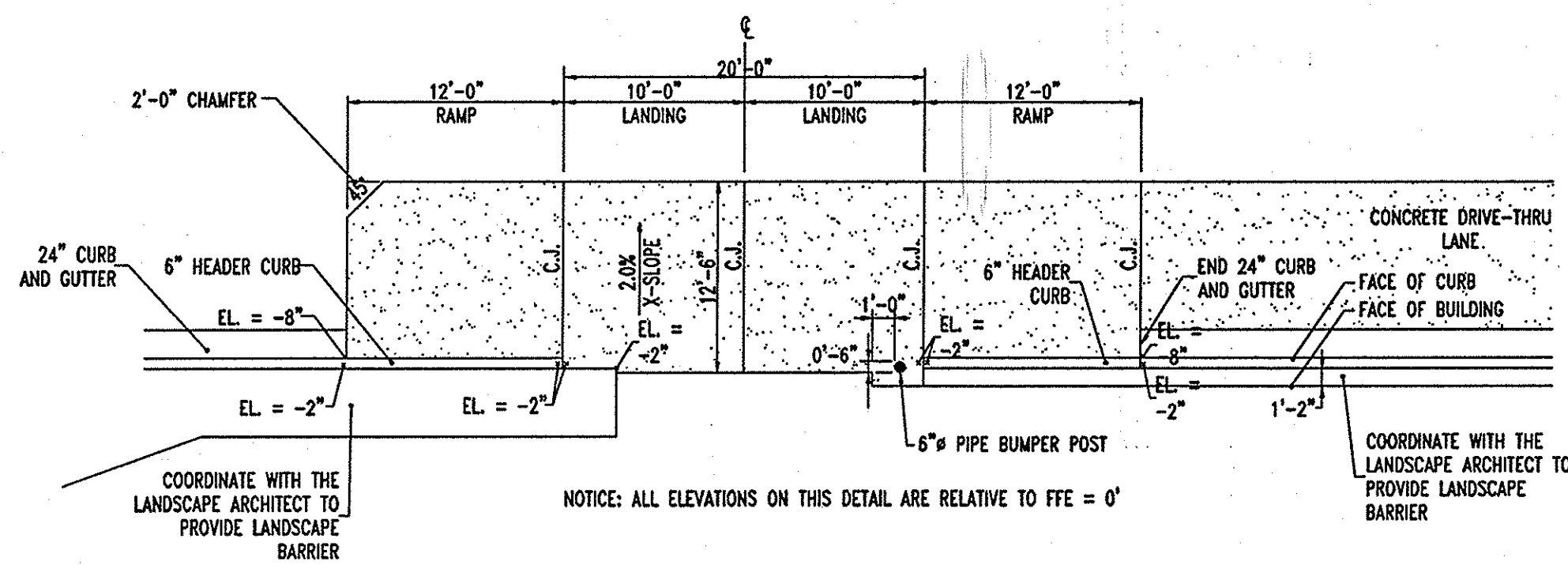
AREA 3.59 AC. TAX MAP 41 GRID 22 ZONED B-2
 PARCEL 425 L 3,095, F. 39 & L. 7004, F. 653
 5TH ELECTION DISTRICT, HOWARD COUNTY, MARYLAND

SITE DETAILS

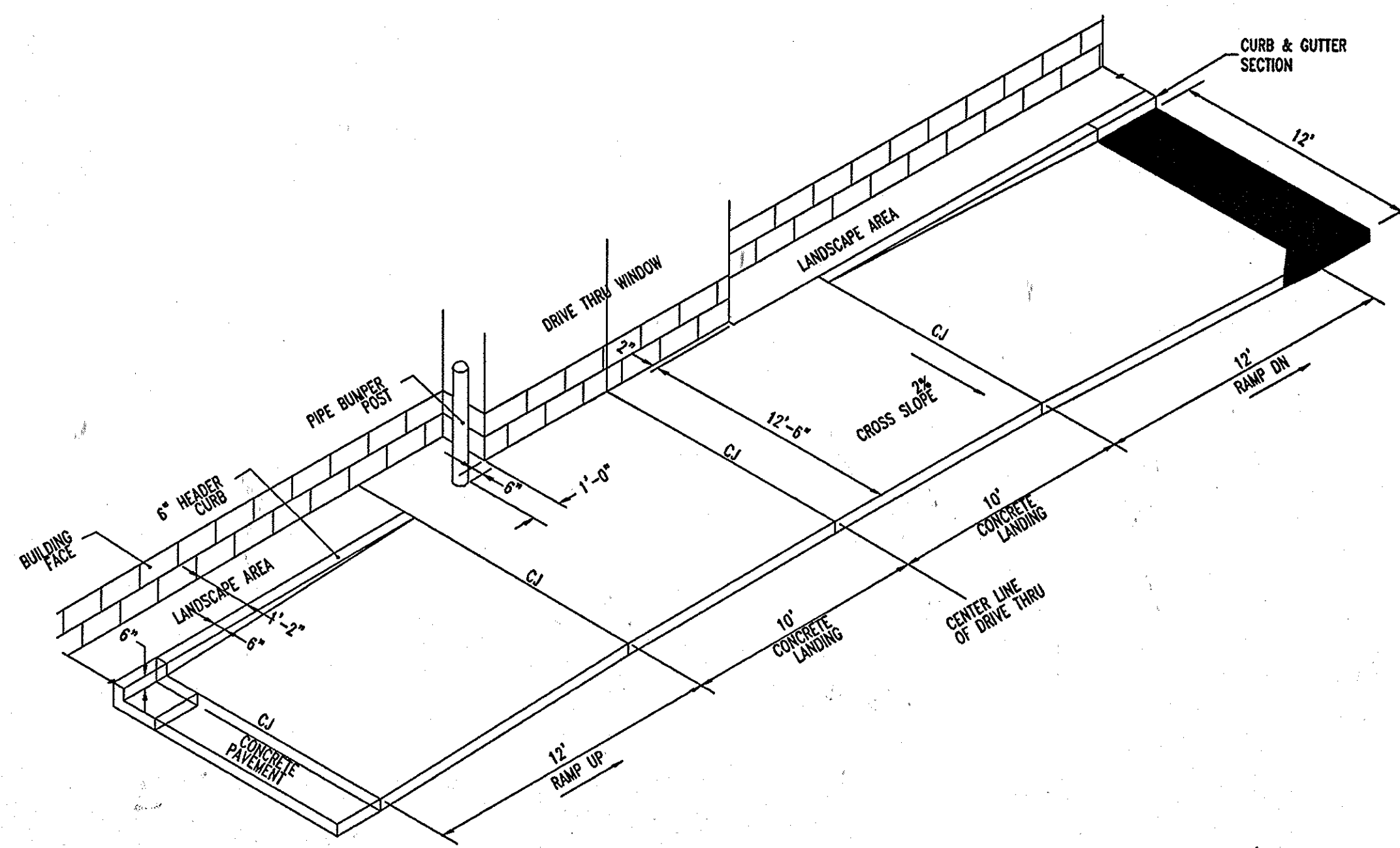
BOHLER ENGINEERING, P.C.

PROFESSIONAL ENGINEERING SERVICES
 4810 CLEMENS ROAD, SUITE 300, TOWSON, MD 21286
 (410) 251-7900 FAX: (410) 251-7907 E: info@bohlereng.com

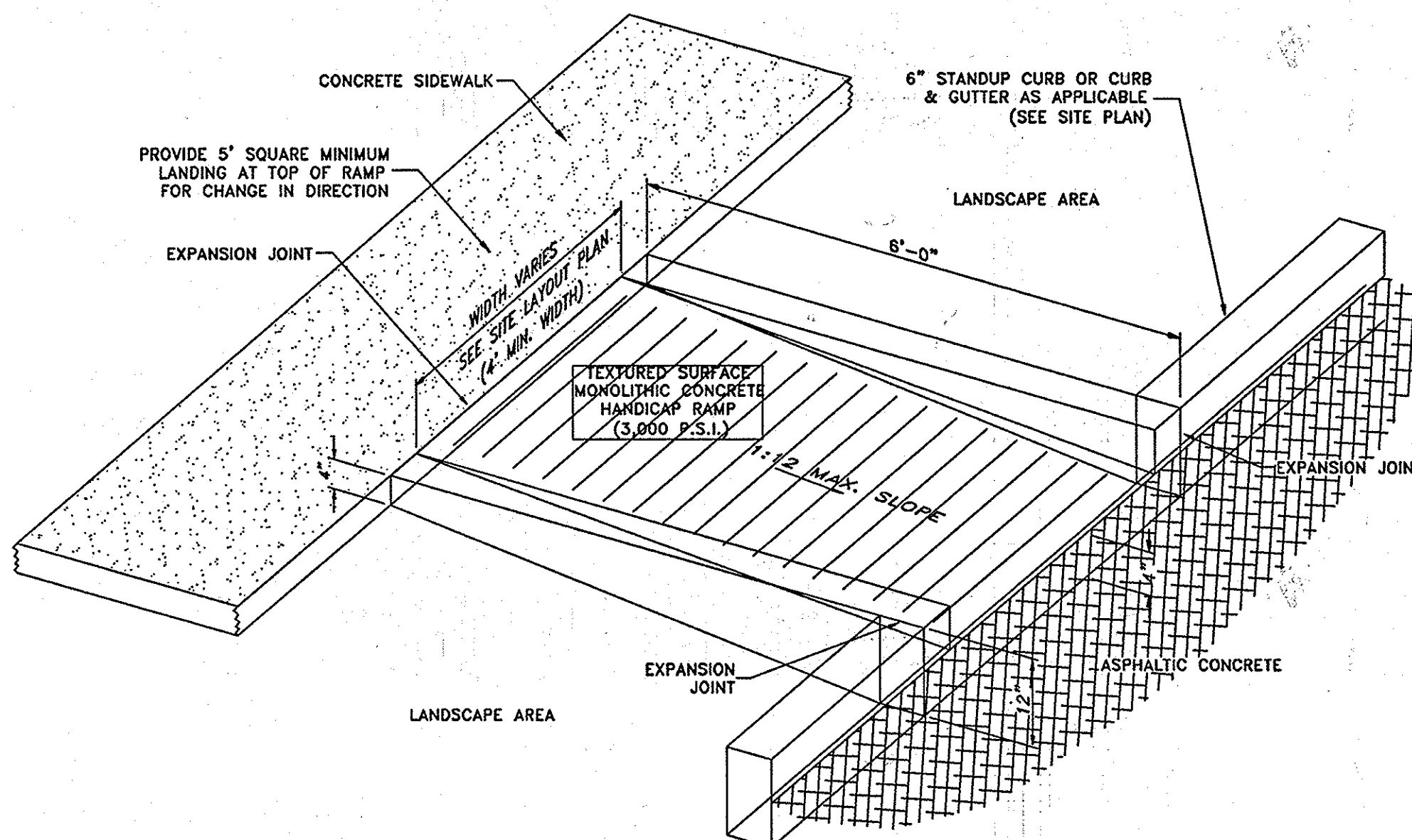
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 DRAWN BY: RLB
 PROJECT NO.: N0056502.1
 DATE: 9/28/08
 SCALE: AS SHOWN
 DRAWING NO. 23 OF 28



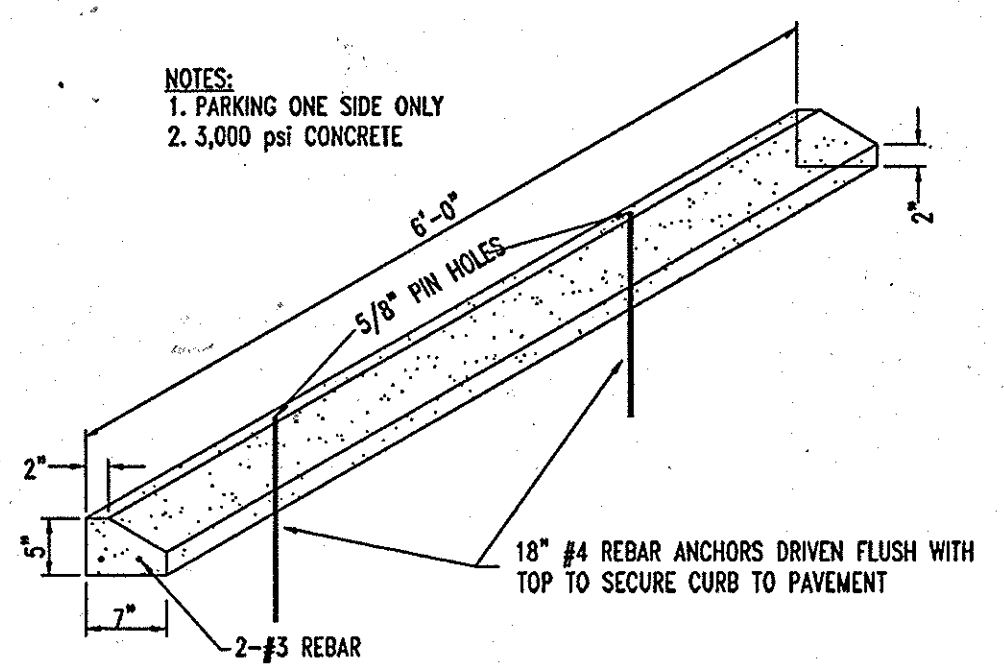
11
24
DRIVE-THRU PLAN
NOT TO SCALE



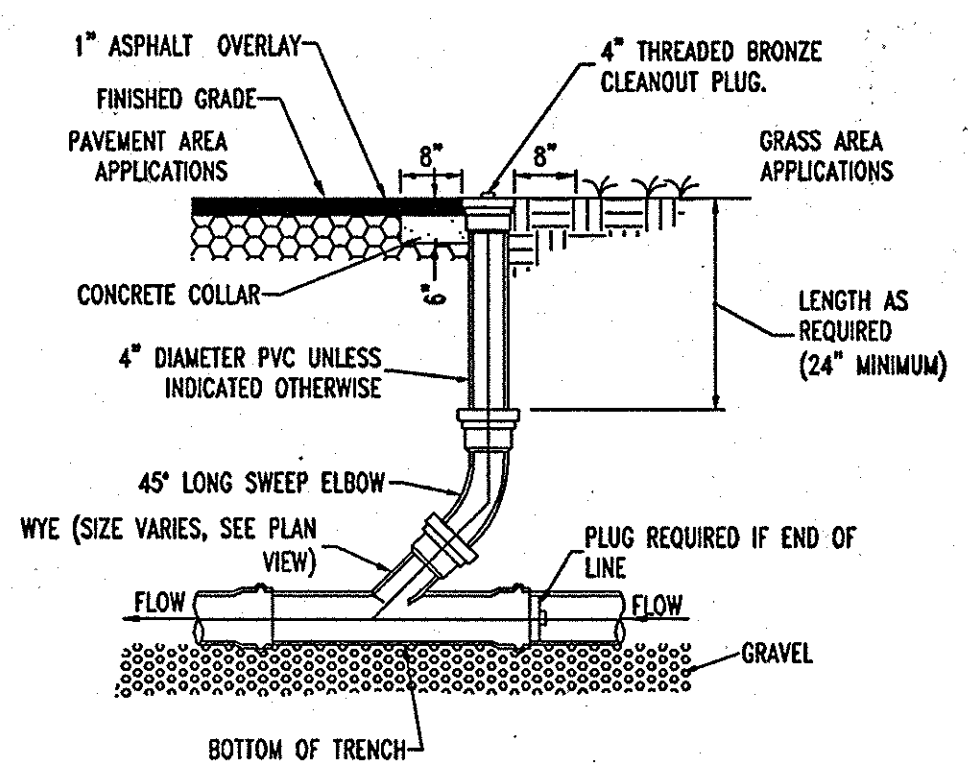
12
24
DRIVE-THRU ISOMETRIC
NOT TO SCALE



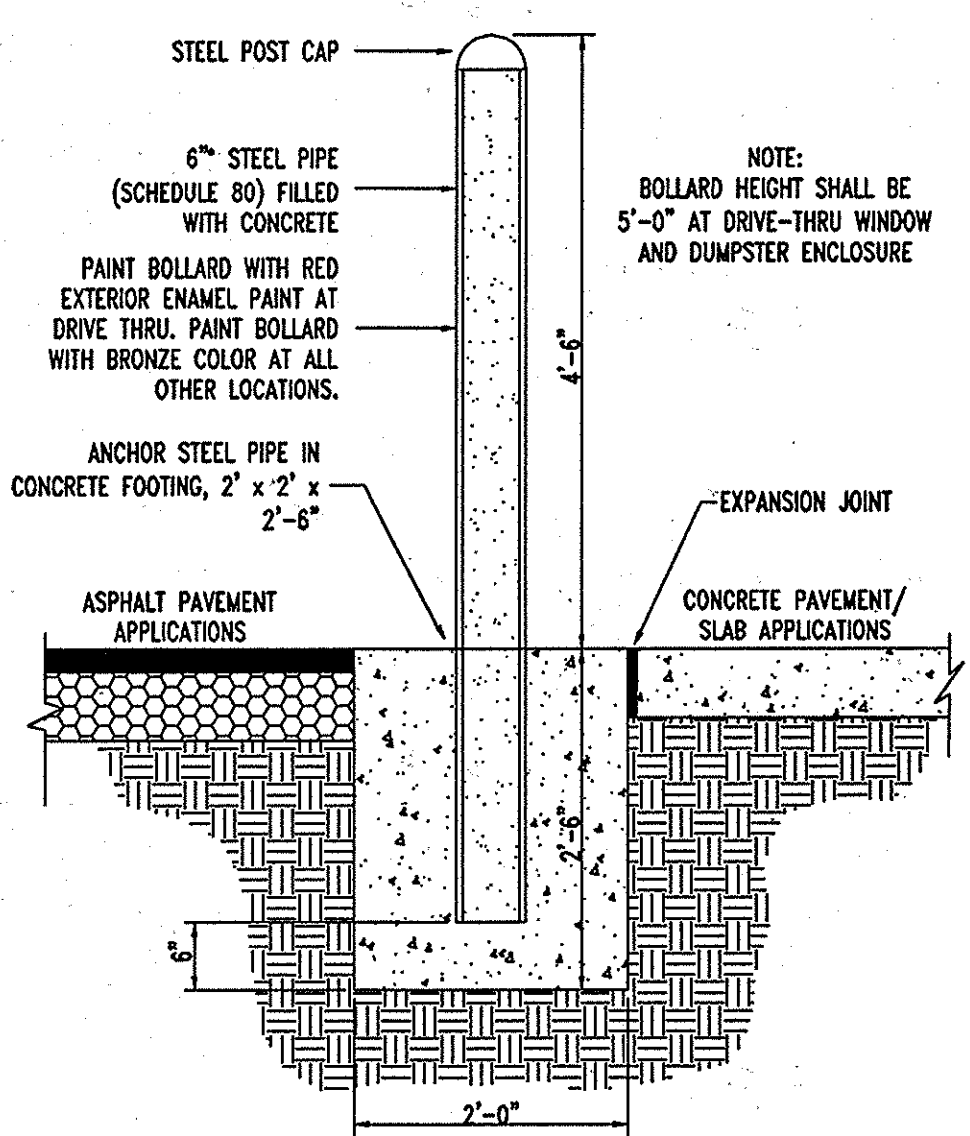
32
24
CURBED HANDICAP RAMP
NOT TO SCALE



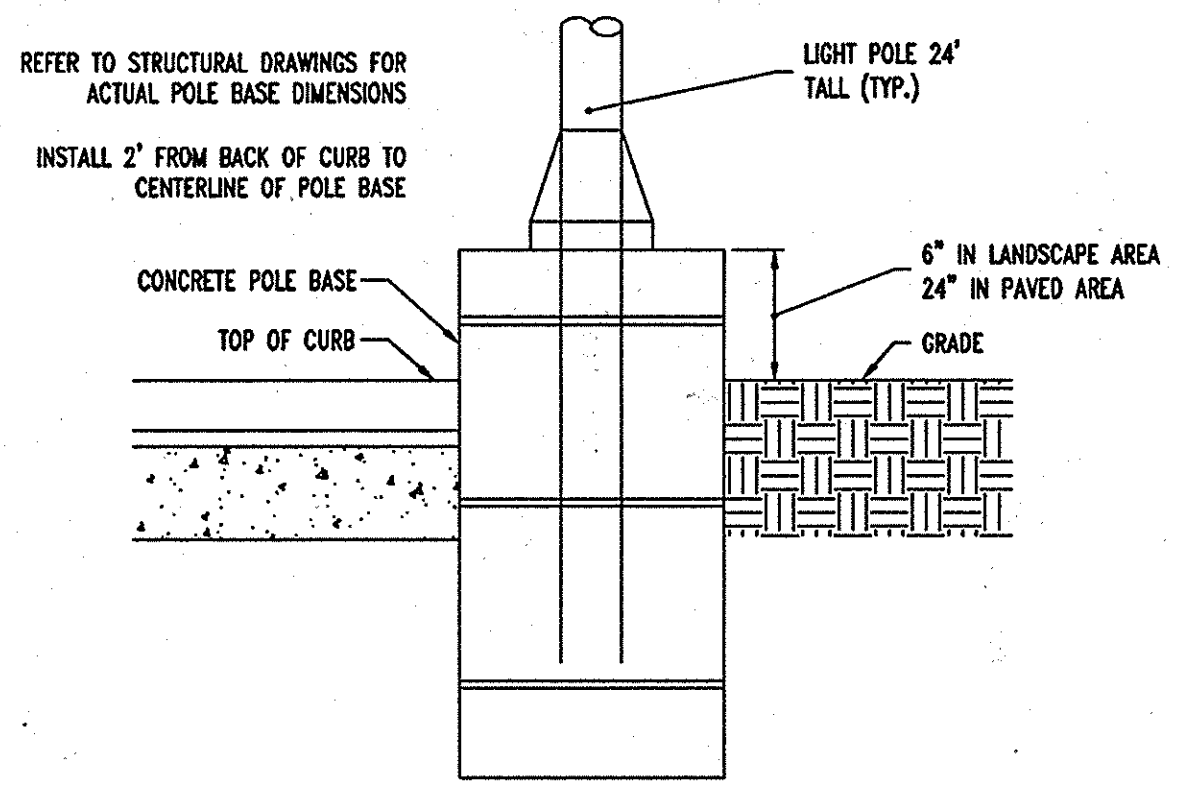
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24
CONCRETE WHEEL STOP
NOT TO SCALE



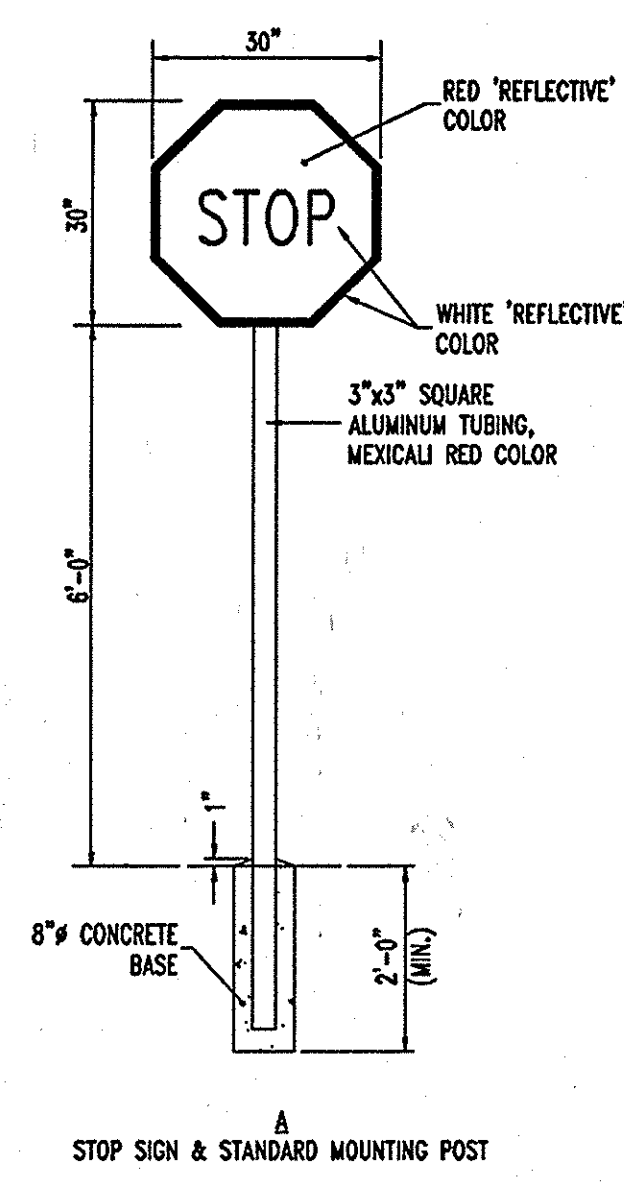
15
24
SERVICE LINE CLEANOUT
NOT TO SCALE



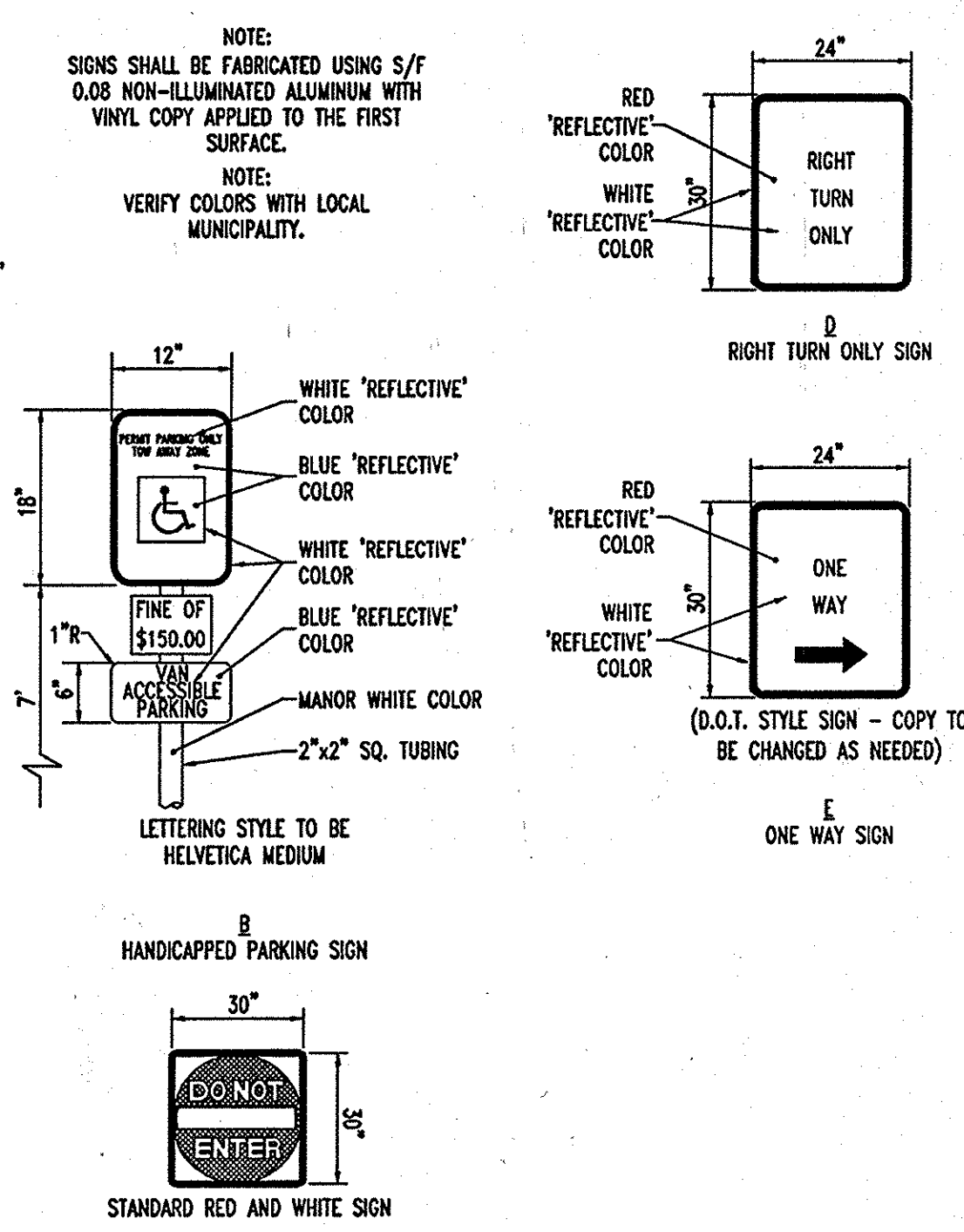
16
24
PIPE BUMPER POST
NOT TO SCALE



17
24
TYPICAL POLE BASE
NOT TO SCALE



A
STOP SIGN & STANDARD MOUNTING POST



13
24
DIRECTIONAL SIGNAGE
NOT TO SCALE

AS-BUILT CERTIFICATION
THERE IS NO "AS-BUILT" INFORMATION PROVIDED ON THIS SHEET.
Michael D. Adcock
MICHAEL D. ADCKOCK, PROFESSIONAL LAND SURVEYOR,
MD REG. NO. 21297, EXPIRATION DATE: 06-16-15
DATE: 5/19/2013

AS-BUILT
APPROVED: DEPARTMENT OF PLANNING AND ZONING
Michael D. Adcock 7/19/17
CHIEF-DEVELOPMENT ENGINEERING DIVISION DATE
Cindy Hamden 8/18/10
CHIEF-DIVISION & LAND DEVELOPMENT DATE
Mark D. Wagle 8/18/10
DIRECTOR DATE

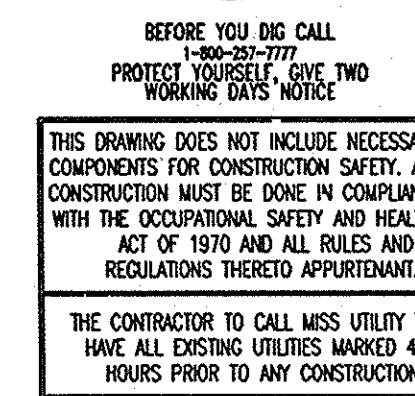
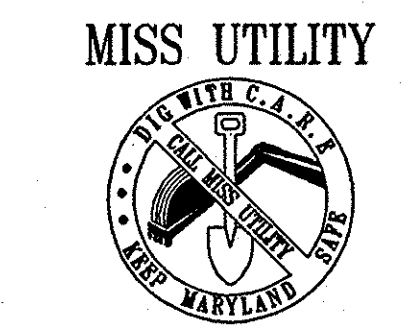
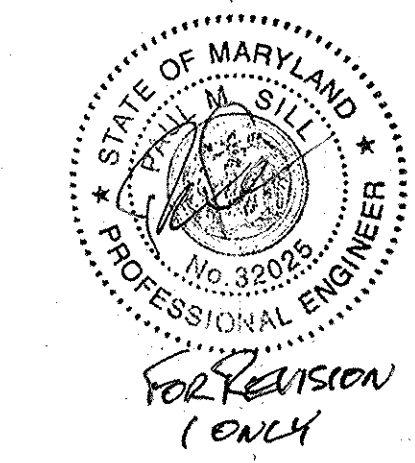
APPROVED: FOR PUBLIC WATER AND PUBLIC SEWERAGE SYSTEMS.
B. Dejanovic Peter Beilenson 8/28/17
COUNTY HEALTH OFFICER DATE
HOWARD COUNTY HEALTH DEPARTMENT 1700

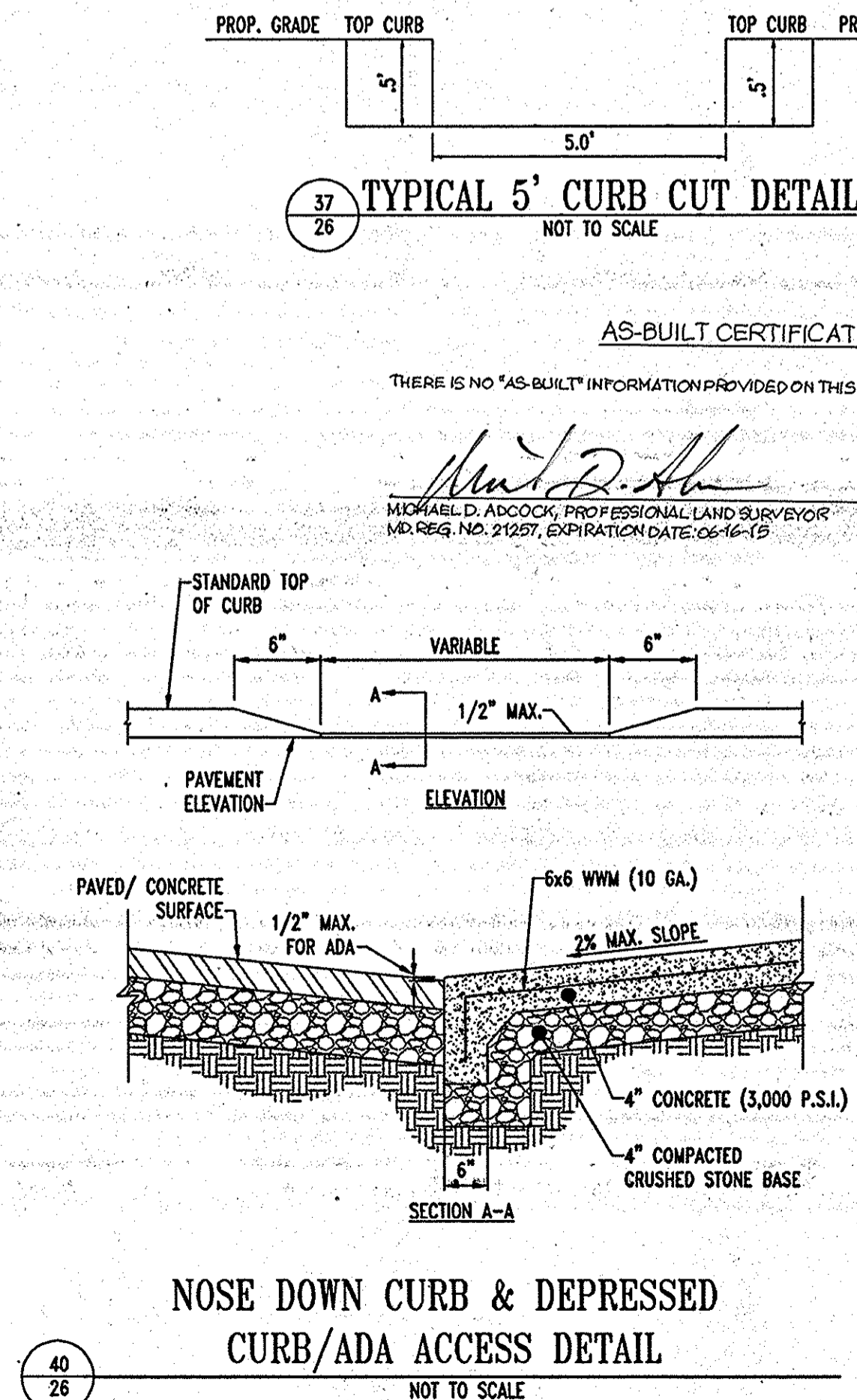
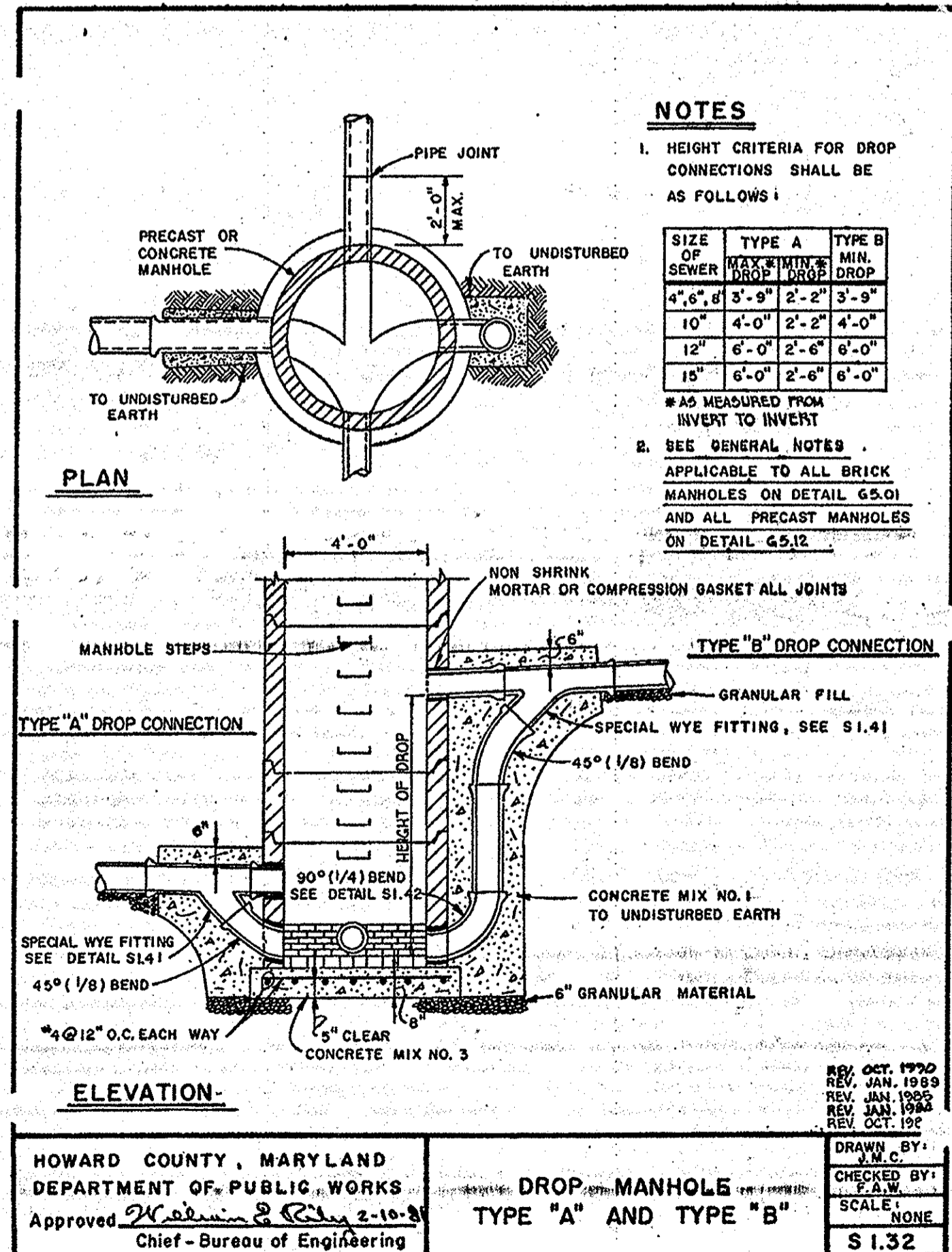
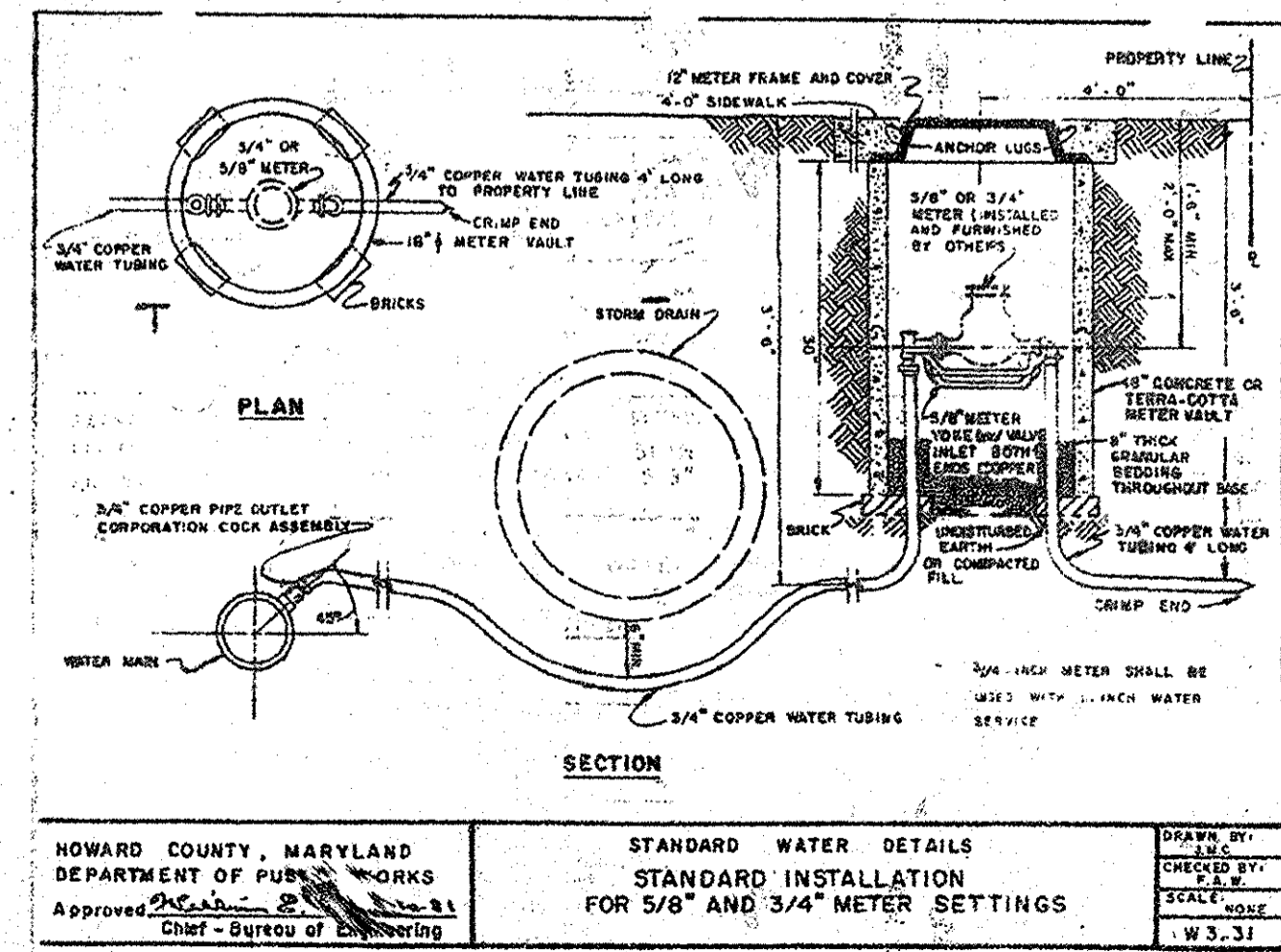
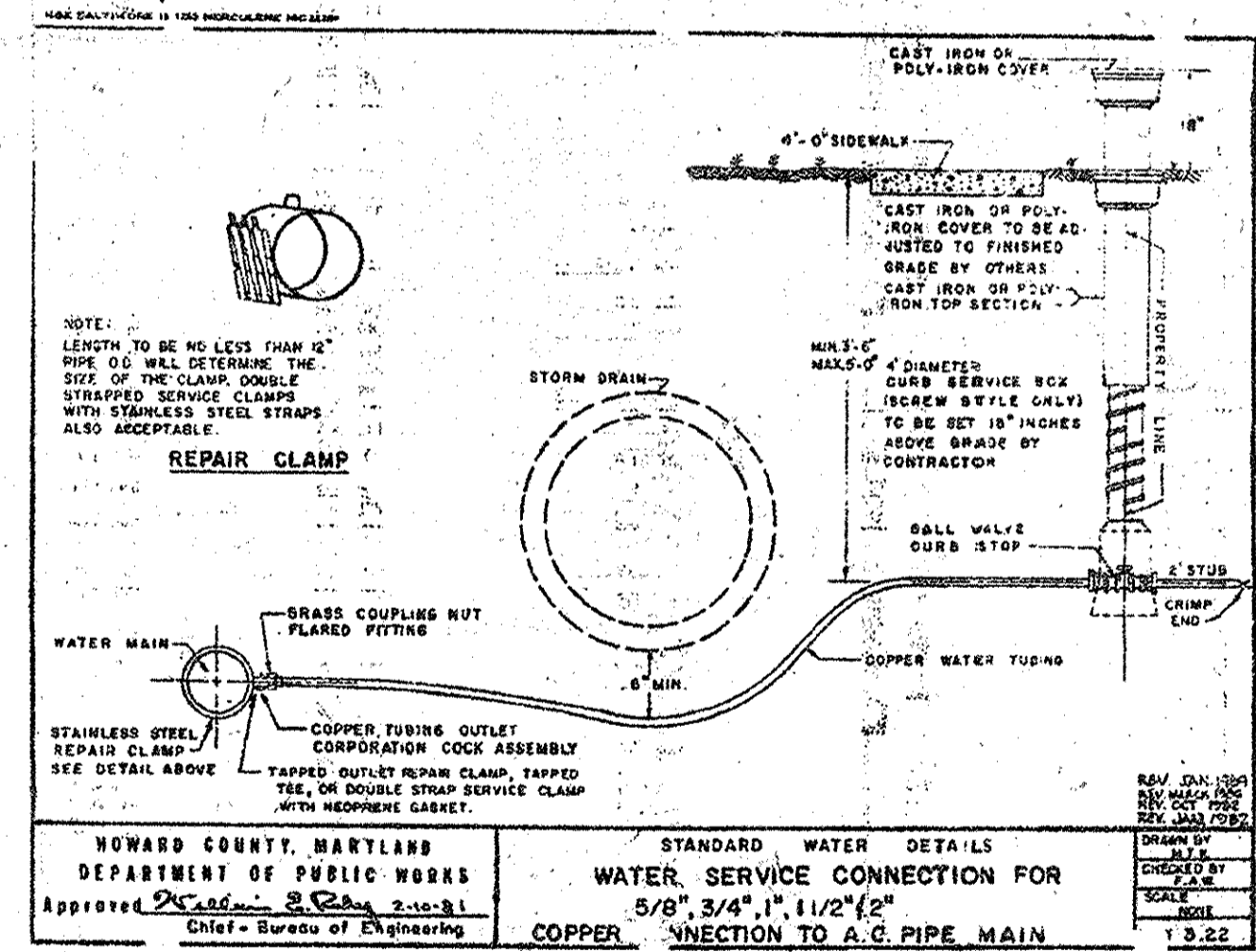
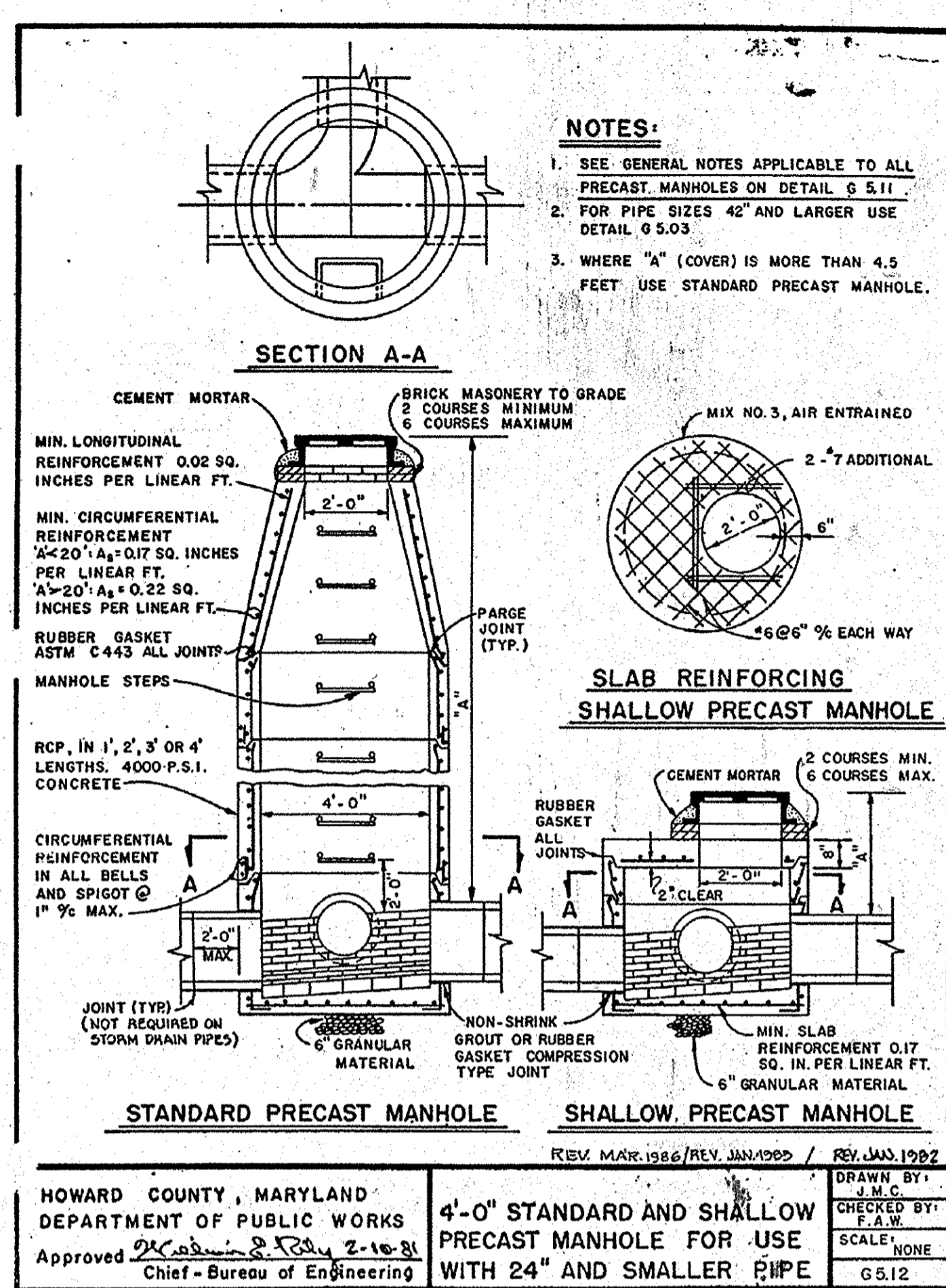
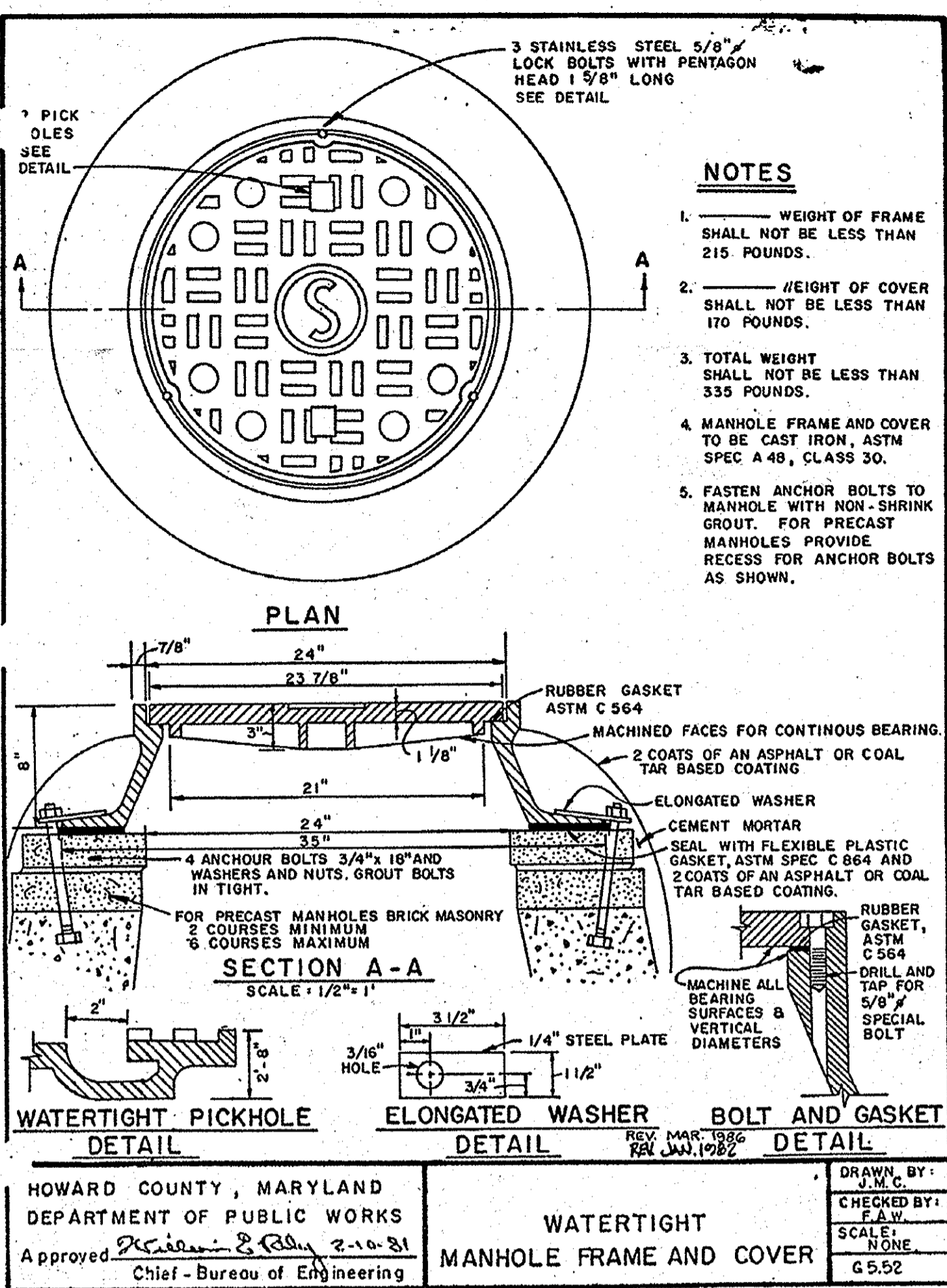
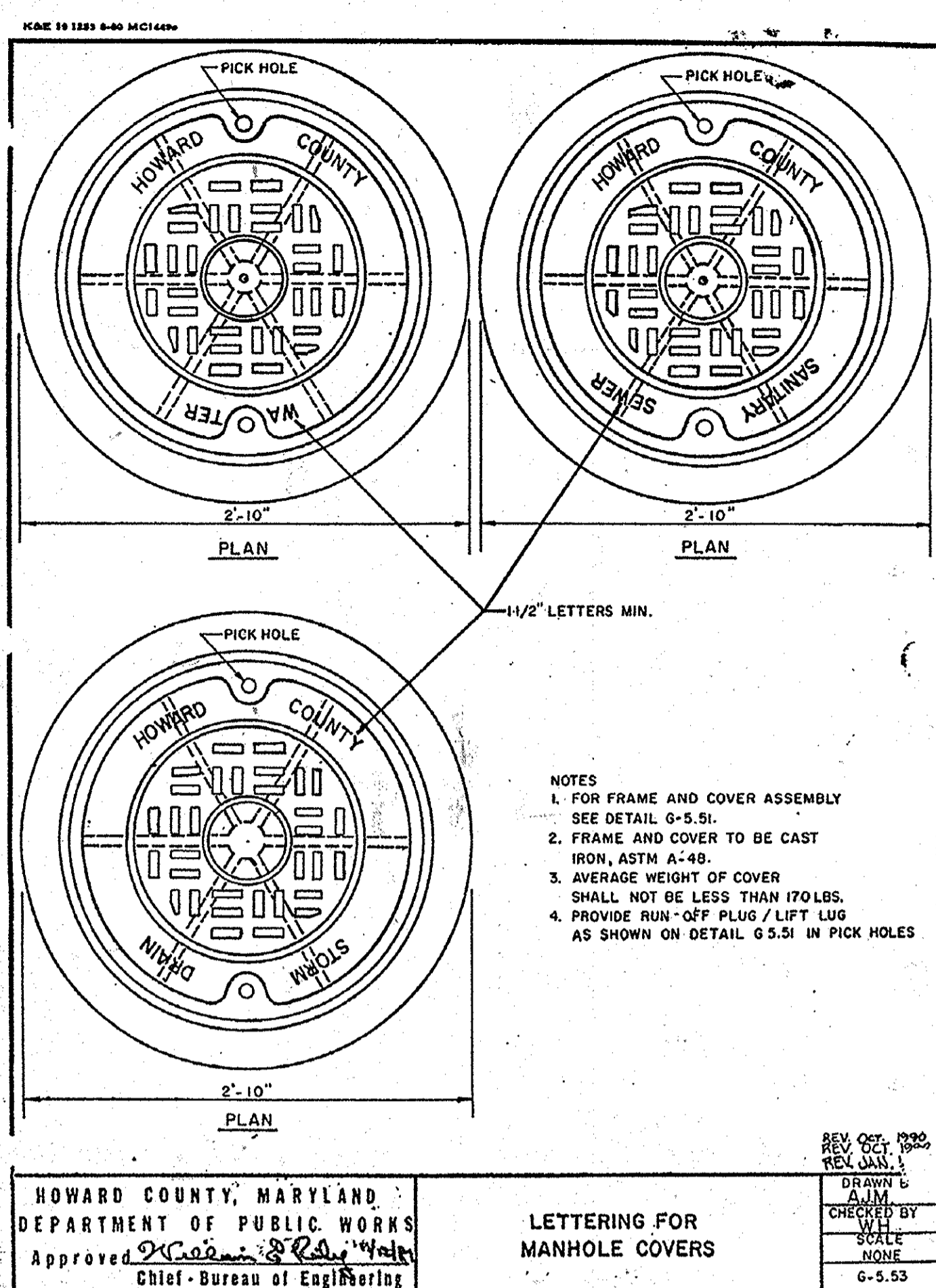
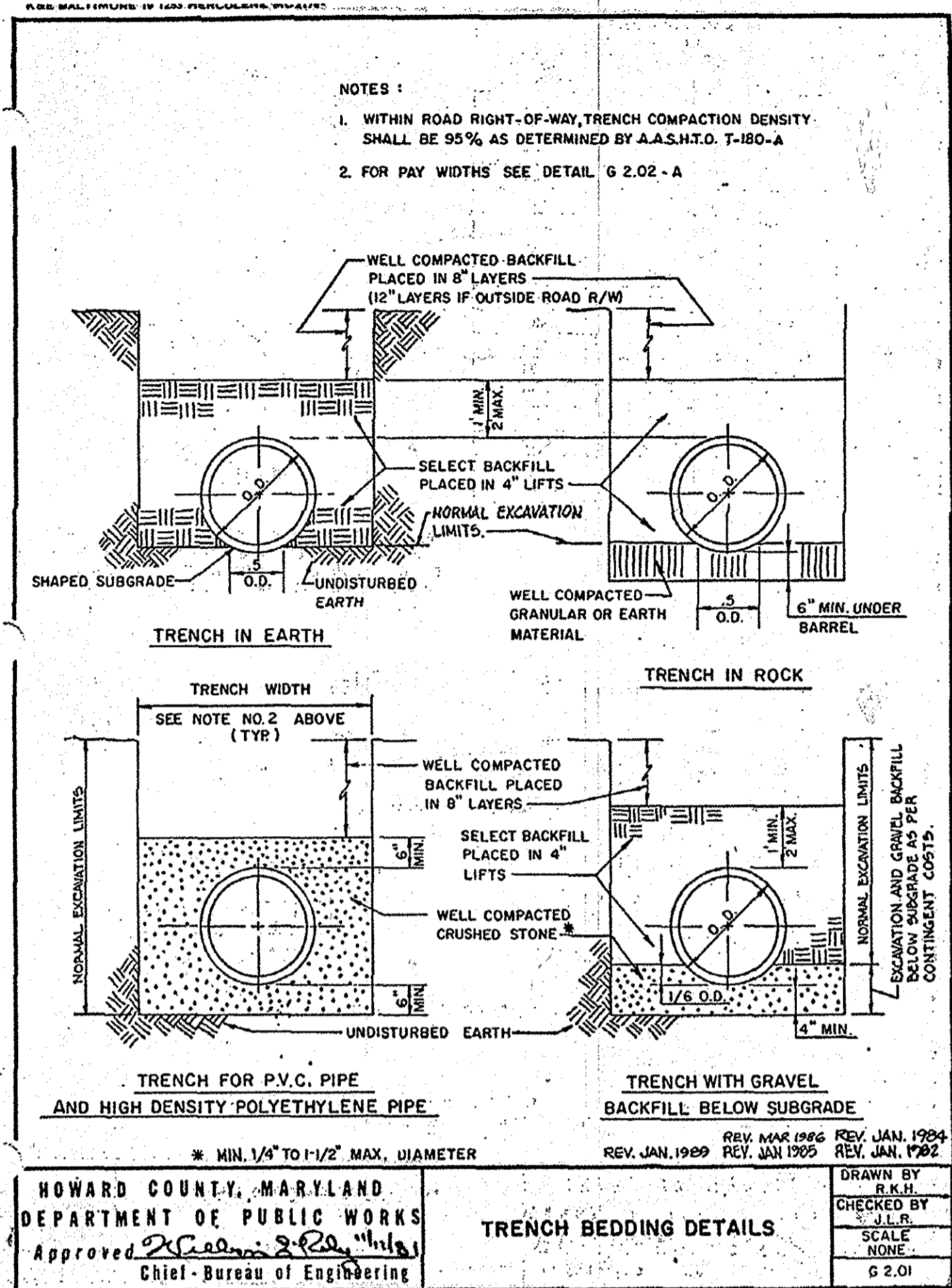
NO. 1/14/15 DATE
REVISION TITLE
REVISION DESCRIPTION
OWNER: HOPKINS STATION GENERAL PARTNERSHIP
C/O BRANTLY DEVELOPMENT GROUP
8835 COLUMBIA
100 PARKWAY, SUITE P
COLUMBIA, MD 21045
PHONE: (410) 730-0810
DEVELOPER: CHICK-FIL-A
5200 BUFFINGTON ROAD
ATLANTA, GA 30349-2998
C/O SCOTT PATMAN
PHONE: (404) 684-8660
CHICK-FIL-A RESTAURANT & MEDICAL BUILDING
PART OF LOT 1, HOPKINS STATION (FORMER PRICE FARMS, LOT1)
JOHN HOPKINS ROAD
LAUREL, HOWARD COUNTY, MARYLAND
AREA 3.59 AC. TAX MAP 41 GRID 22 ZONED B-2
PARCEL 425 L. 3,095, F. 39 & L. 7004, F. 653
5TH ELECTION DISTRICT, HOWARD COUNTY, MARYLAND

SITE DETAILS

BOHLER ENGINEERING, P.C.
PROFESSIONAL ENGINEERING SERVICES
4810 GLENHAVEN COURT, SUITE 300, TOWSON, MD 21286
410-251-7770
DESIGNED BY: JD
DRAWN BY: RLB
PROJECT NO.: MD056502.1
DATE: 9/28/06
SCALE: AS SHOWN
DRAWING NO. 24 OF 28
PROFESSIONAL ENGINEER NO. 28567

GENERAL NOTE:
IT IS THE RESPONSIBILITY OF THE CONTRACTOR TO REVIEW ALL OF THE DRAWINGS AND SPECIFICATIONS ASSOCIATED WITH THIS PROJECT WORK SCOPE PRIOR TO THE INITIATION OF CONSTRUCTION. SHOULD THE CONTRACTOR FIND A CONFLICT WITH THE DOCUMENTS RELATIVE TO THE SPECIFICATIONS OR APPLICABLE CODES, IT IS THE CONTRACTOR'S RESPONSIBILITY TO NOTIFY BOHLER ENGINEERING, P.C. IN WRITING PRIOR TO THE START OF CONSTRUCTION. FAILURE BY THE CONTRACTOR TO NOTIFY BOHLER ENGINEERING, P.C. SHALL CONSTITUTE ACCEPTANCE OF FULL RESPONSIBILITY BY THE CONTRACTOR TO COMPLETE THE SCOPE OF THE WORK AS DEFINED BY THE DRAWINGS AND IN FULL CONFORMANCE WITH LOCAL REGULATIONS AND CODES.





AS-BUILT
 APPROVED: DEPARTMENT OF PLANNING AND ZONING
 CHIEF-DEVELOPMENT ENGINEERING DIVISION
 DATE: 7/19/07
 APPROVED: 5/3/0
 CHIEF-DIVISION LAND DEVELOPMENT
 DIRECTOR: *[Signature]*
 DATE: 8/26/07
 APPROVED: FOR PUBLIC WATER AND PUBLIC SEWERAGE SYSTEMS.
 COUNTY HEALTH OFFICER
 HOWARD COUNTY HEALTH DEPARTMENT
 DATE: 7/9/07

| NO. | DATE | REVISION DESCRIPTION |
|-----|---------|---|
| 1 | 4/18/05 | REVISE TITLE |
| 2 | 7/21/05 | IRIGATION LINE & CFA SERVICE YARD REVISIONS |

OWNER: HOPKINS STATION GENERAL PARTNERSHIP
 C/O BRANTLY DEVELOPMENT GROUP
 855 COLUMBIA
 100 PARKWAY, SUITE P
 COLUMBIA, MD 21045
 PHONE: (410) 730-0810

DEVELOPER: CHICK-FIL-A
 5200 BUFFINGTON ROAD
 ATLANTA, GA 30348-2998
 C/O SCOTT PATHAN
 COLUMBIA, MD 21045
 PHONE: (404) 684-8660

CHECK-FIL-A RESTAURANT & MEDICAL BUILDING
 PART OF LOT 1, HOPKINS STATION (FORMER PRICE FARMS, LOT1)
 JOHNS HOPKINS ROAD
 LAUREL, HOWARD COUNTY, MARYLAND

AREA 3.59 AC. TAX MAP 41 GRID 22 ZONED B-2
 PARCEL 425 L.3.095, F. 39 & L. 7004, F. 653
 5TH ELECTION DISTRICT, HOWARD COUNTY, MARYLAND

BOHLER ENGINEERING, P.C.
 PROFESSIONAL ENGINEERING SERVICES
 4510 GLENWOODS COVER SUITE 200, TOWSON, MD 21286
 (410) 851-7900 FAX (410) 851-7901 1000bohler.com

BEFORE YOU DIG CALL 800-897-7777
 PROTECT YOURSELF, GIVE TWO WORKING DAYS NOTICE

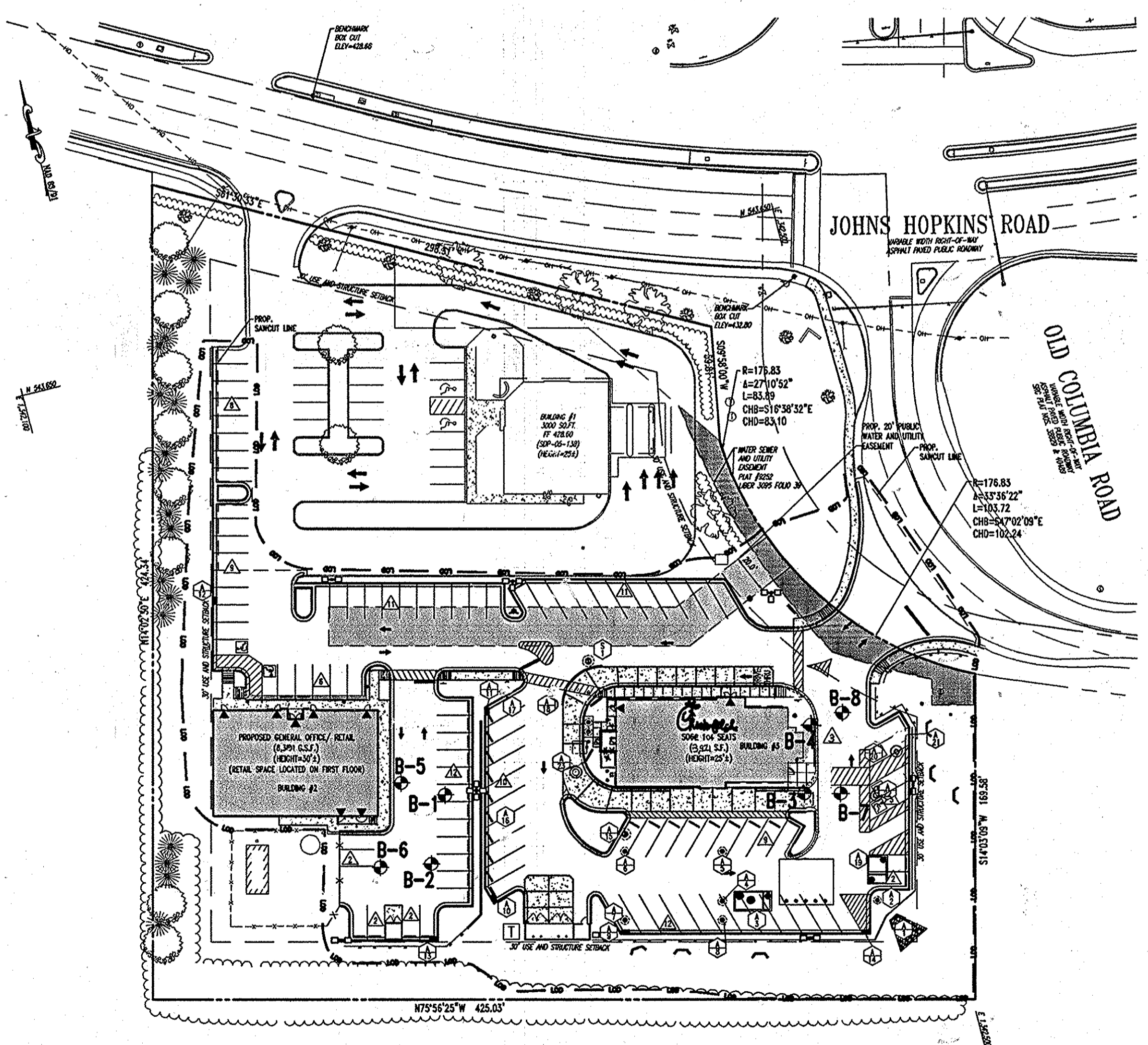
THIS DRAWING DOES NOT INCLUDE NECESSARY COMPONENTS FOR CONSTRUCTION SAFETY. ALL CONSTRUCTION MUST BE DONE IN COMPLIANCE WITH THE OCCUPATIONAL SAFETY AND HEALTH ACT OF 1970 AND ALL RULES AND REGULATIONS THEREON APPLICABLE.

THE CONTRACTOR TO CALL MISS UTILITY TO HAVE ALL EXISTING UTILITIES MARKED 48 HOURS PRIOR TO ANY CONSTRUCTION.

REVISD: 12/15/06
 DESIGNED BY: JD
 DRAWN BY: RLB
 PROJECT NO.: MD056502.1
 DATE: 9/28/06
 SCALE: AS SHOWN
 DRAWING NO. 26 OF 26

GENERAL NOTE:
 IT IS THE RESPONSIBILITY OF THE CONTRACTOR TO REVIEW ALL OF THE DRAWINGS AND SPECIFICATIONS ASSOCIATED WITH THIS PROJECT WORK SCOPE PRIOR TO THE INITIATION OF CONSTRUCTION. SHOULD THE CONTRACTOR FIND A CONFLICT WITH THE DOCUMENTS RELATIVE TO THE SPECIFICATIONS OR APPLICABLE CODES, IT IS THE CONTRACTOR'S RESPONSIBILITY TO NOTIFY BOHLER ENGINEERING, P.C. IN WRITING PRIOR TO THE START OF CONSTRUCTION. FAILURE BY THE CONTRACTOR TO NOTIFY BOHLER ENGINEERING, P.C. SHALL CONSTITUTE ACCEPTANCE OF FULL RESPONSIBILITY BY THE CONTRACTOR TO COMPLETE THE SCOPE OF THE WORK AS DEFINED BY THE DRAWINGS AND IN FULL CONFORMANCE WITH LOCAL REGULATIONS AND CODES.

| RECORD OF SUBSURFACE EXPLORATION | | RECORD OF SUBSURFACE EXPLORATION | | RECORD OF SUBSURFACE EXPLORATION | | RECORD OF SUBSURFACE EXPLORATION | | RECORD OF SUBSURFACE EXPLORATION | | | |
|--|--|---|--|---|--|--|--|--|--|--|--|
| BORING NO. & LOCATION: 1 - Northwest Building Corner PROJECT: Proposed Chick-fil-A Restaurant SURFACE ELEVATION: 424.6 COMPLETION DATE: 8/20/06 FIELD REPRESENTATIVE: Mike Kozlowski GILES PROJECT NUMBER: 3G-000004 | | BORING NO. & LOCATION: 2 - Southwest Building Corner PROJECT: Proposed Chick-fil-A Restaurant SURFACE ELEVATION: 419.0 COMPLETION DATE: 8/20/06 FIELD REPRESENTATIVE: Mike Kozlowski GILES PROJECT NUMBER: 3G-000004 | | BORING NO. & LOCATION: 3 - Southeast Building Corner PROJECT: Proposed Chick-fil-A Restaurant SURFACE ELEVATION: 417.0 COMPLETION DATE: 8/20/06 FIELD REPRESENTATIVE: Mike Kozlowski GILES PROJECT NUMBER: 3G-000004 | | BORING NO. & LOCATION: 4 - Northeast Building Corner PROJECT: Proposed Chick-fil-A Restaurant SURFACE ELEVATION: 418.5 COMPLETION DATE: 8/20/06 FIELD REPRESENTATIVE: Mike Kozlowski GILES PROJECT NUMBER: 3G-000004 | | BORING NO. & LOCATION: 5 - Northwest Pavement PROJECT: Proposed Chick-fil-A Restaurant SURFACE ELEVATION: 423.0 COMPLETION DATE: 8/20/06 FIELD REPRESENTATIVE: Mike Kozlowski GILES PROJECT NUMBER: 3G-000004 | | BORING NO. & LOCATION: 6 - Southwest Pavement PROJECT: Proposed Chick-fil-A Restaurant SURFACE ELEVATION: 422.0 COMPLETION DATE: 8/20/06 FIELD REPRESENTATIVE: Mike Kozlowski GILES PROJECT NUMBER: 3G-000004 | |
| MATERIAL DESCRIPTION 1 1/2" Red-Brown Silty Fine Sand, trace Organic Matter (fine Roots) (Topsoil) - Moist Orange-Red to Red Micaceous Silty Fine Sand - Moist - Rock Fragments from 4 feet to 8 1/2 feet - Rock Fragments from 8 feet to 10 1/2 feet Boring terminated at 16 feet | | MATERIAL DESCRIPTION 1 1/2" Red-Brown Silty Fine Sand, trace Organic Matter (fine Roots) (Topsoil) - Moist Orange-Red to Red Micaceous Silty Fine Sand - Moist - Rock Fragments from 6 feet to 11 1/2 feet Light Brown, Red Micaceous Silty fine to medium Sand (Possible Weathered Bedrock) - Moist Boring terminated at 16 feet | | MATERIAL DESCRIPTION 1 1/2" Red-Brown Silty Fine Sand, trace Organic Matter (fine Roots) (Topsoil) - Moist Orange-Red to Red Micaceous Silty Fine Sand - Moist - Rock Fragments from 6 feet to 11 1/2 feet Light Brown, Red Micaceous Silty fine to medium Sand (Possible Weathered Bedrock) - Moist Boring terminated at 16 feet | | MATERIAL DESCRIPTION 1 1/2" Red-Brown Silty Fine Sand, trace Organic Matter (fine Roots) (Topsoil) - Moist Orange-Red to Red Micaceous Silty Fine Sand - Moist - Rock Fragments from 2 feet to 4 1/2 feet Boring terminated at 8 feet | | MATERIAL DESCRIPTION 1 1/2" Red-Brown Silty Fine Sand, trace Organic Matter (fine Roots) (Topsoil) - Moist Orange-Red to Red Micaceous Silty Fine Sand - Moist - Rock Fragments from 2 feet to 4 1/2 feet Boring terminated at 8 feet | | MATERIAL DESCRIPTION 1 1/2" Red-Brown Silty Fine Sand, trace Organic Matter (fine Roots) (Topsoil) - Moist Orange-Red to Red Micaceous Silty Fine Sand - Moist - Rock Fragments from 2 feet to 4 1/2 feet Boring terminated at 8 feet | |
| WATER OBSERVATION DATA WATER ENCOUNTERED DURING DRILLING: None WATER LEVEL AFTER REMOVAL: None CAVE DEPTH AFTER REMOVAL: 10.0 ft WATER LEVEL AFTER HOURS: CAVE DEPTH AFTER HOURS: | | WATER OBSERVATION DATA WATER ENCOUNTERED DURING DRILLING: None WATER LEVEL AFTER REMOVAL: None CAVE DEPTH AFTER REMOVAL: 10.0 ft WATER LEVEL AFTER HOURS: CAVE DEPTH AFTER HOURS: | | WATER OBSERVATION DATA WATER ENCOUNTERED DURING DRILLING: None WATER LEVEL AFTER REMOVAL: None CAVE DEPTH AFTER REMOVAL: 11.0 ft WATER LEVEL AFTER HOURS: CAVE DEPTH AFTER HOURS: | | WATER OBSERVATION DATA WATER ENCOUNTERED DURING DRILLING: None WATER LEVEL AFTER REMOVAL: None CAVE DEPTH AFTER REMOVAL: 6.0 ft WATER LEVEL AFTER HOURS: CAVE DEPTH AFTER HOURS: | | WATER OBSERVATION DATA WATER ENCOUNTERED DURING DRILLING: None WATER LEVEL AFTER REMOVAL: None CAVE DEPTH AFTER REMOVAL: 3.0 ft WATER LEVEL AFTER HOURS: CAVE DEPTH AFTER HOURS: | | WATER OBSERVATION DATA WATER ENCOUNTERED DURING DRILLING: None WATER LEVEL AFTER REMOVAL: None CAVE DEPTH AFTER REMOVAL: 4.0 ft WATER LEVEL AFTER HOURS: CAVE DEPTH AFTER HOURS: | |



PLAN VIEW
SCALE 1"=50'

GENERAL NOTE:
IT IS THE RESPONSIBILITY OF THE CONTRACTOR TO REVIEW ALL OF THE DRAWINGS AND SPECIFICATIONS ASSOCIATED WITH THIS PROJECT WORK SCOPE PRIOR TO THE INITIATION OF CONSTRUCTION. SHOULD THE CONTRACTOR FIND A CONFLICT WITH THE DOCUMENTS RELATIVE TO THE SPECIFICATIONS OR APPLICABLE CODES, IT IS THE CONTRACTOR'S RESPONSIBILITY TO NOTIFY BOHLER ENGINEERING, P.C. IN WRITING PRIOR TO THE START OF CONSTRUCTION. FAILURE BY THE CONTRACTOR TO NOTIFY BOHLER ENGINEERING, P.C. SHALL CONSTITUTE ACCEPTANCE OF FULL RESPONSIBILITY BY THE CONTRACTOR TO COMPLETE THE SCOPE OF THE WORK AS DEFINED BY THE DRAWINGS AND IN FULL CONFORMANCE WITH LOCAL REGULATIONS AND CODES.

| RECORD OF SUBSURFACE EXPLORATION | | RECORD OF SUBSURFACE EXPLORATION | |
|--|--|--|--|
| BORING NO. & LOCATION: 7 - Southwest Pavement PROJECT: Proposed Chick-fil-A Restaurant SURFACE ELEVATION: 420.0 COMPLETION DATE: 8/20/06 FIELD REPRESENTATIVE: Mike Kozlowski GILES PROJECT NUMBER: 3G-000004 | | BORING NO. & LOCATION: 8 - Northwest Pavement PROJECT: Proposed Chick-fil-A Restaurant SURFACE ELEVATION: 422.0 COMPLETION DATE: 8/20/06 FIELD REPRESENTATIVE: Mike Kozlowski GILES PROJECT NUMBER: 3G-000004 | |
| MATERIAL DESCRIPTION 1 1/2" Red-Brown Silty Fine Sand, trace Organic Matter (fine Roots) (Topsoil) - Moist Orange-Red to Red Micaceous Silty Fine Sand - Moist - Rock Fragments from 2 feet to 4 1/2 feet Boring terminated at 8 feet | | MATERIAL DESCRIPTION 1 1/2" Red-Brown Silty Fine Sand, trace Organic Matter (fine Roots) (Topsoil) - Moist Orange-Red to Red Micaceous Silty Fine Sand - Moist - Rock Fragments from 2 feet to 4 1/2 feet Boring terminated at 8 feet | |
| WATER OBSERVATION DATA WATER ENCOUNTERED DURING DRILLING: None WATER LEVEL AFTER REMOVAL: None CAVE DEPTH AFTER REMOVAL: 4.0 ft WATER LEVEL AFTER HOURS: CAVE DEPTH AFTER HOURS: | | WATER OBSERVATION DATA WATER ENCOUNTERED DURING DRILLING: None WATER LEVEL AFTER REMOVAL: None CAVE DEPTH AFTER REMOVAL: 3.0 ft WATER LEVEL AFTER HOURS: CAVE DEPTH AFTER HOURS: | |

STATE OF MARYLAND PROFESSIONAL ENGINEER

FOR REVISION 2 ONLY

FOR REVISION 1 ONLY

AS-BUILT

APPROVED: DEPARTMENT OF PLANNING AND ZONING

CHIEF-ENGINEERING DIVISION

CHIEF-DIVISION & LAND DEVELOPMENT

DIRECTOR

APPROVED: FOR PUBLIC WATER AND PUBLIC SEWERAGE SYSTEMS.

COUNTY HEALTH OFFICER

HOWARD COUNTY HEALTH DEPARTMENT

NO. 1 DATE

REVISION DESCRIPTION

OWNER: HOPKINS STATION GENERAL PARTNERSHIP
C/O BRANTLY DEVELOPMENT GROUP
160 PARKWAY, SUITE P
COLUMBIA, MD 21045
PHONE: (410) 730-0810

DEVELOPER: CHICK-FIL-A
5200 BUFFINGTON ROAD
ATLANTA, GA 30349-2998
C/O SCOTT PATMAN
PHONE: (404) 684-8660

CHICK-FIL-A RESTAURANT & MEDICAL BUILDING
PART OF LOT 1, HOPKINS STATION (FORMER PRICE FARMS, LOT1)
JOHNS HOPKINS ROAD
LAUREL, HOWARD COUNTY, MARYLAND

AREA 3.59 AC. TAX MAP 41 GRID 22 ZONED B-2
PARCEL 425 L. 3.095, F. 39 & L. 7004, F. 653
5TH ELECTION DISTRICT, HOWARD COUNTY, MARYLAND

SOIL BORING PLAN

BOHLER ENGINEERING, P.C.

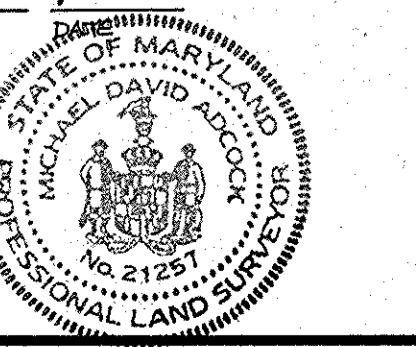
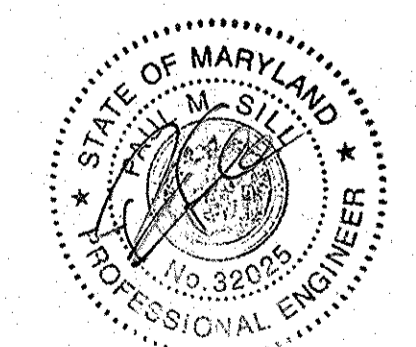
PROFESSIONAL ENGINEERING SERVICES
8110 GREENGLADE COURT, SUITE 300, TOWSON, MD 21286
(410) 851-7000 FAX (410) 851-7001

REVISED: 12/15/06
DESIGNED BY: JO
DRAWN BY: RLB
PROJECT NO.: MD056502.1
DATE: 9/28/06
SCALE: AS SHOWN
DRAWING NO. 27 OF 28

AS-BUILT CERTIFICATION

THERE IS NO "AS-BUILT" INFORMATION PROVIDED ON THIS SHEET.

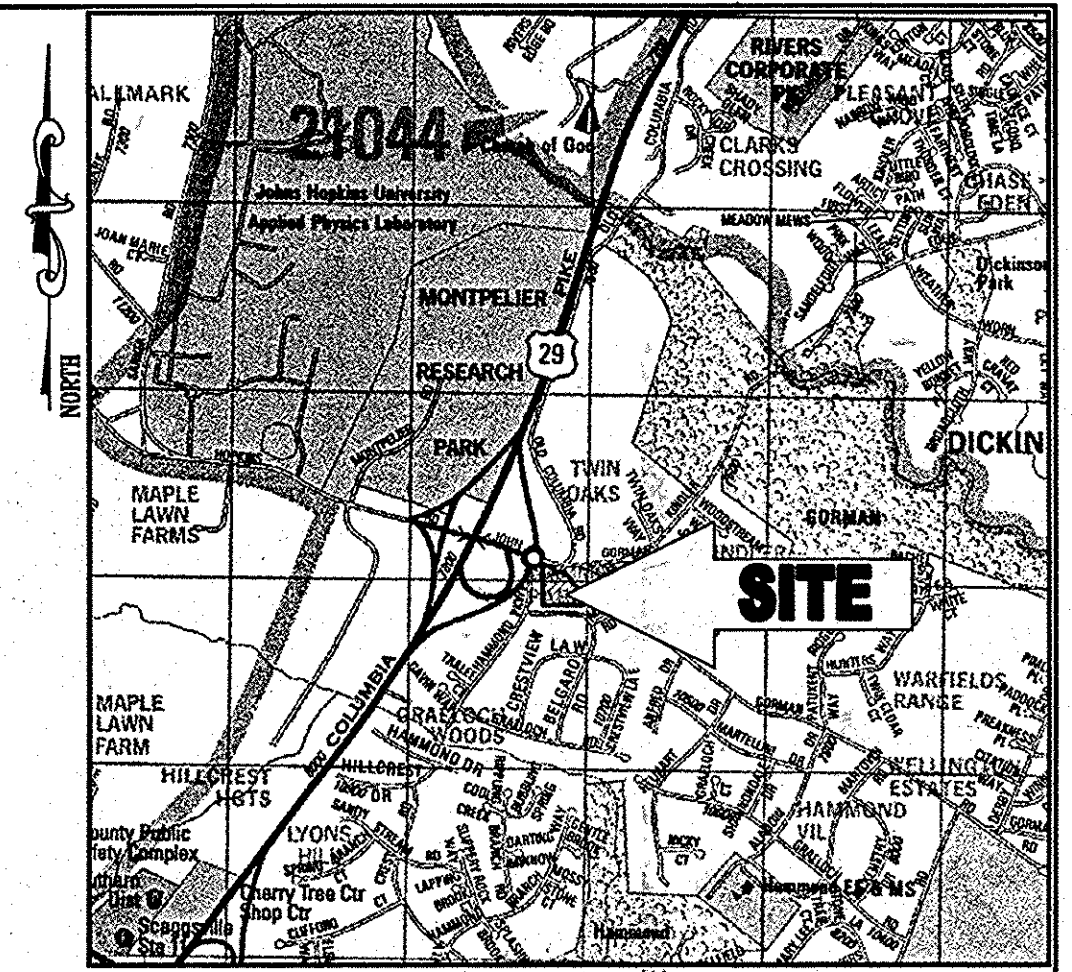
Michael D. Adcock, Professional Land Surveyor
MD REG. NO. 21257, EXPIRATION DATE: 06/14/19



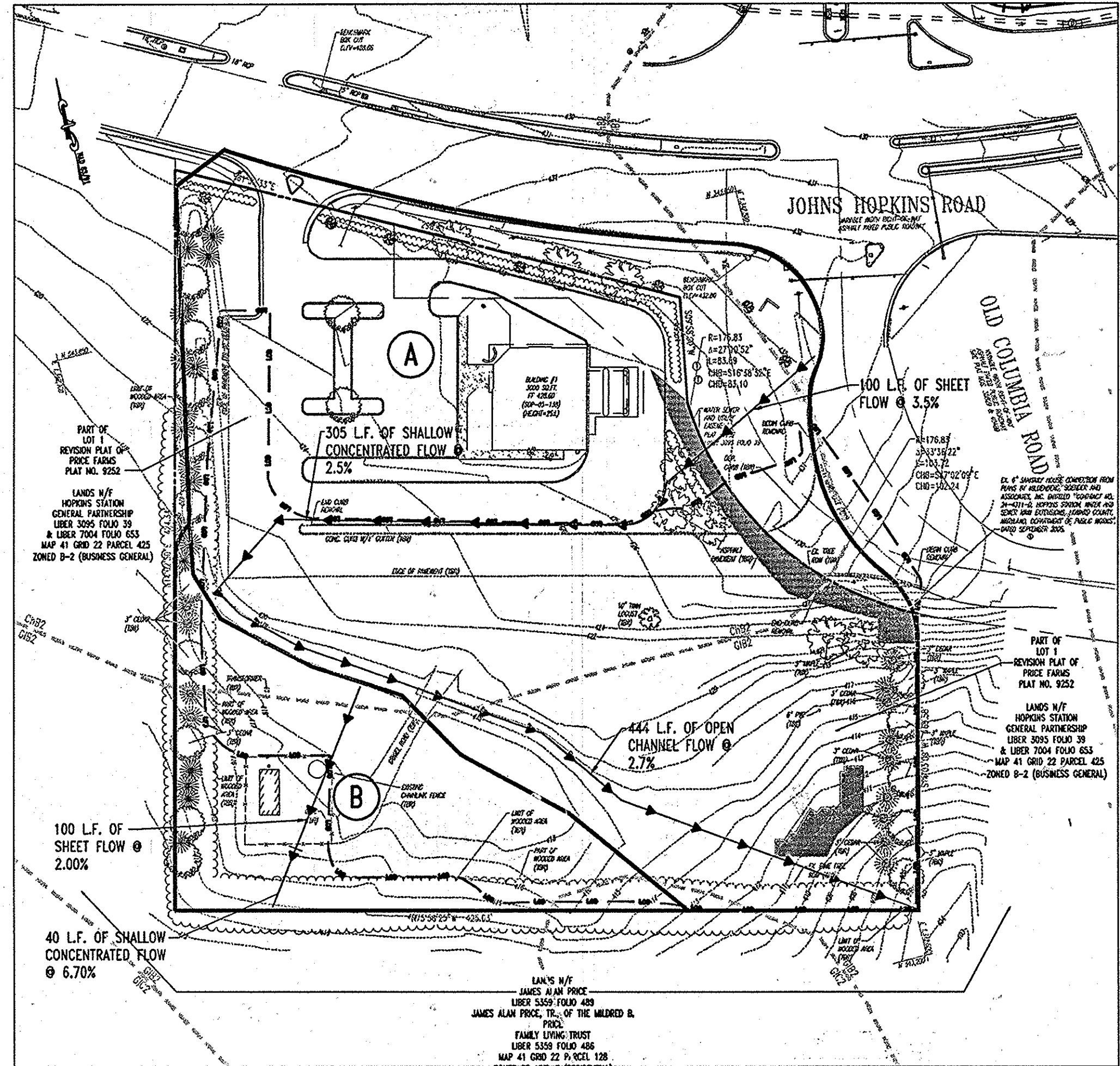
BEFORE YOU DIG CALL
PROTECT YOURSELF, GET TWO
WORKING DAYS NOTICE

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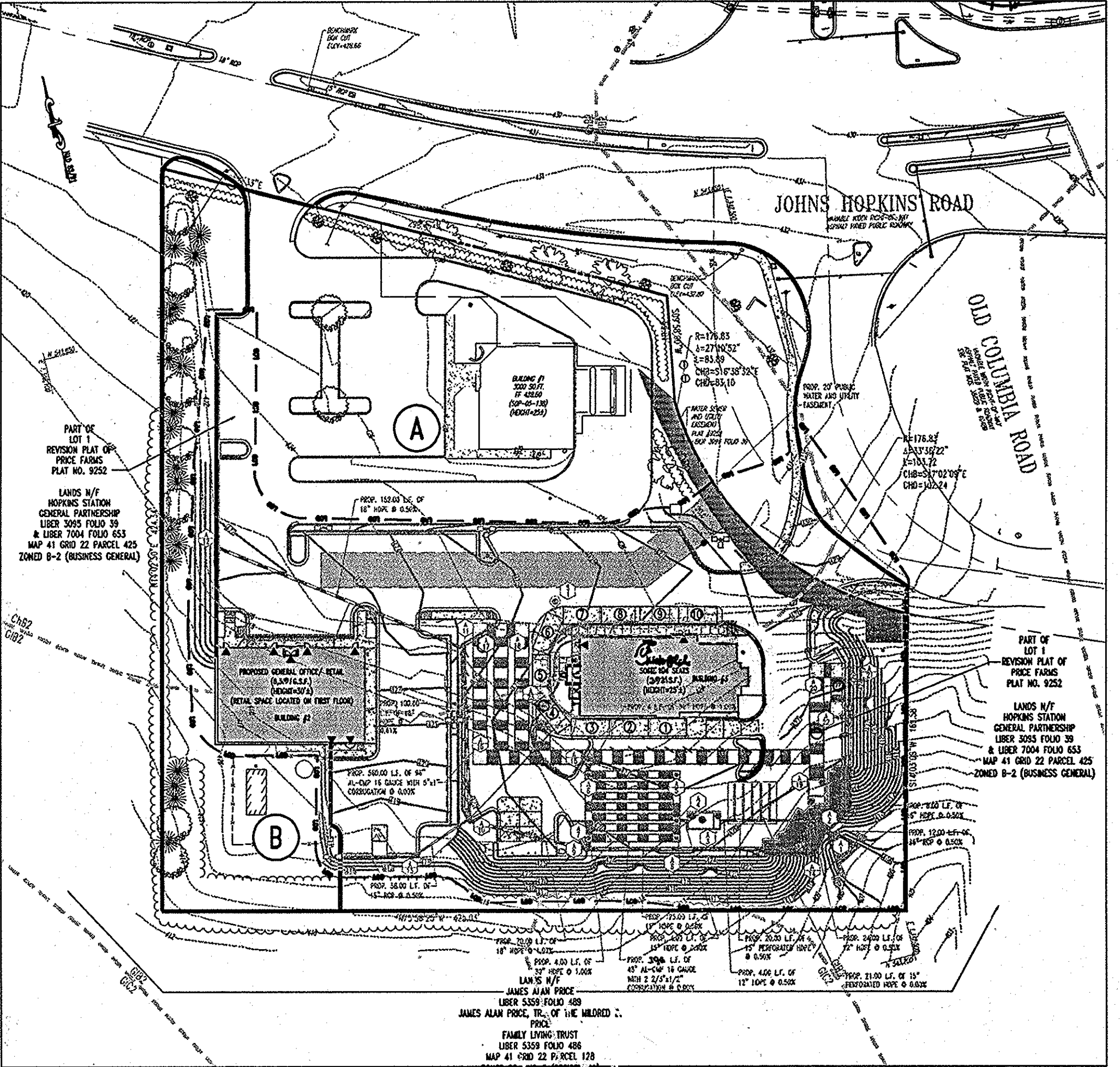
THE CONTRACTOR TO CALL MISS UTILITY TO HAVE ALL EXISTING UTILITIES MARKED 48 HOURS PRIOR TO ANY CONSTRUCTION.



LOCATION MAP
 COPYRIGHT ADC THE MAP PEOPLE
 PERMIT USE NO. 20602153-5
 SCALE: 1"=2000'



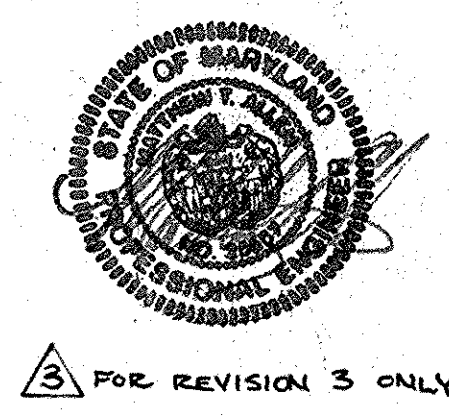
EXISTING STORM WATER MANAGEMENT DRAINAGE AREA
 SCALE: 1"=80'



PROPOSED STORM WATER MANAGEMENT DRAINAGE AREA
 SCALE: 1"=80'

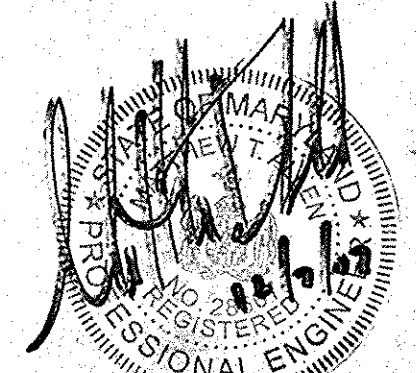
- (A)** IMPERVIOUS AREA = 39,325 S.F. OR .90 AC.
 PERVIOUS AREA = 88,862 S.F. OR 2.04 AC.
 TOTAL AREA = 128,187 S.F. OR 2.94 AC.
 WEIGHTED CURVE NUMBER = 72
 TC PATH = 0.42 HOURS
- (B)** IMPERVIOUS AREA = 625 S.F. OR 0.01 AC.
 PERVIOUS AREA = 27,878 S.F. OR 0.64 AC.
 TOTAL AREA = 28,503 S.F. OR 0.65 AC.
 WEIGHTED CURVE NUMBER = 62
 TC PATH = 0.24 HOURS

- (A)** IMPERVIOUS AREA = 105,991 S.F. OR 2.433 AC.
 PERVIOUS AREA = 28,194 S.F. OR 0.647 AC.
 TOTAL AREA = 134,185 S.F. OR 3.08 AC.
 WEIGHTED CURVE NUMBER = 86
 TC PATH = 0.10 HOURS (MIN.)
- (B)** IMPERVIOUS AREA = 436 S.F. OR 0.01 AC.
 PERVIOUS AREA = 21,780 S.F. OR 0.50 AC.
 TOTAL AREA = 22,216 S.F. OR 0.51 AC.
 WEIGHTED CURVE NUMBER = 62
 TC PATH = 0.10 HOURS (MIN.)



FOR REVISION 3 ONLY

FOR REVISION 2 ONLY

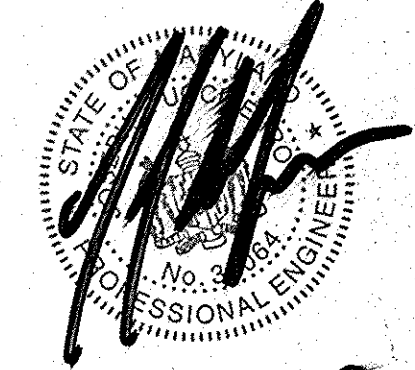


FOR REVISION 1 ONLY

SOIL TYPES
 ChB2 CHESTER SILT LOAM, 3-8% SLOPES
 MODERATELY ERODED
 G1C2 GLENELG LOAM, 8-15% SLOPES,
 MODERATELY ERODED

LEGEND
 --- SOILS DELINEATION
 EKA SOILS TYPE
 --- DRAINAGE DIVIDES
 --- TC PATH
 (B) DRAINAGE AREA LABEL

AS-BUILT



FOR REVISION 4 ONLY

PROFESSIONAL CERTIFICATION
 I, JOSEPH J. LUCIFERO, HEREBY CERTIFY THAT THESE DOCUMENTS WERE PREPARED OR APPROVED BY ME, AND THAT I AM A LICENSED PROFESSIONAL ENGINEER UNDER THE LAWS OF THE STATE OF MARYLAND, LICENSE NO. 2006, EXPIRATION DATE: 02/28/20

REVIEWED FOR HOWARD SCD AND MEETS TECHNICAL REQUIREMENTS
John M. Miller 7/17/07
 USA - NATURAL RESOURCES CONSERVATION SERVICE DATE

THIS DEVELOPMENT PLAN IS APPROVED FOR SOIL EROSION AND SEDIMENT CONTROL BY THE HOWARD SOIL CONSERVATION DISTRICT.
John M. Miller 7/17/07
 HOWARD SCD DATE

APPROVED: DEPARTMENT OF PLANNING AND ZONING
Matthew T. Allen 7/19/07
 CHIEF-DEVELOPMENT ENGINEERING DIVISION DATE

David Hammett 8/2/07
 CHIEF-DIVISION & LAND DEVELOPMENT DATE

David Hammett 8/2/07
 DIRECTOR DATE

APPROVED: FOR PUBLIC WATER AND PUBLIC SEWERAGE SYSTEMS.
B. N. ... 8/2/07
 COUNTY HEALTH OFFICER DATE

Howard County Health Department 8/2/07
 HOWARD COUNTY HEALTH DEPARTMENT DATE

| NO. | DATE | REVISION DESCRIPTION |
|-----|----------|--|
| 4 | 6/16/13 | LEVELS OF EXISTING PIPE RELAYING |
| 3 | 9/1/08 | SIZE & AREA REVISED FOR CON. BUILDING |
| 2 | 2/21/08 | IRRIGATION LINE & CPA SERVICE YARD REVISIONS |
| 1 | 12/16/07 | DETAILS, QUOTE, AREA & ADDRESS ON SITE LOCATIONS |

OWNER: HOPKINS STATION GENERAL PARTNERSHIP
 8835 COLUMBIA 100 PARKWAY, SUITE P COLUMBIA, MD 21045
 PHONE: (410) 730-0810

DEVELOPER: CHICK-FIL-A
 5200 BUFFINGTON ROAD ATLANTA, GA 30349-2998
 C/O SCOTT PATHMAN
 PHONE: (404) 684-8680

CHICK-FIL-A RESTAURANT & MEDICAL BUILDING - PART OF LOT 1, HOPKINS STATION (FORMER PRICE FARMS, LOT 1) JOHNS HOPKINS ROAD LAUREL, HOWARD COUNTY, MARYLAND

AREA 3.59 AC. TAX MAP 41 GRID 22 ZONED B-2 PARCEL 425 L 3,095, F. 39 & L. 7004, F. 653 5TH ELECTION DISTRICT, HOWARD COUNTY, MARYLAND

BOHLER ENGINEERING, P.C.
 PROFESSIONAL ENGINEERING SERVICES
 #810 CLEVELAND COURT, SUITE 300, TOWSON, MD 21286
 #410 81-7000 FINE CREEK RD., BELTFRUIT, MD 21054

REVISION: 12/15/06
 DESIGNED BY: JD
 DRAWN BY: RLB
 PROJECT NO.: M0056502.1
 DATE: 9/28/06
 SCALE: AS SHOWN
 PROFESSIONAL ENGINEER NO.: 23567
 DRAWING NO. 28 OF 28

GENERAL NOTE:
 IT IS THE RESPONSIBILITY OF THE CONTRACTOR TO REVIEW ALL OF THE DRAWINGS AND SPECIFICATIONS ASSOCIATED WITH THIS PROJECT WORK SCOPE PRIOR TO THE INITIATION OF CONSTRUCTION. SHOULD THE CONTRACTOR FIND A CONFLICT WITH THE DOCUMENTS RELATIVE TO THE SPECIFICATIONS OR APPLICABLE CODES, IT IS THE CONTRACTOR'S RESPONSIBILITY TO NOTIFY BOHLER ENGINEERING, P.C. IN WRITING PRIOR TO THE START OF CONSTRUCTION. FAILURE BY THE CONTRACTOR TO NOTIFY BOHLER ENGINEERING, P.C. SHALL CONSTITUTE ACCEPTANCE OF FULL RESPONSIBILITY BY THE CONTRACTOR TO COMPLETE THE SCOPE OF THE WORK AS DEFINED BY THE DRAWINGS AND IN FULL CONFORMANCE WITH LOCAL REGULATIONS AND CODES.

AS-BUILT CERTIFICATION
 THERE IS NO "AS-BUILT" INFORMATION PROVIDED ON THIS SHEET.

Michael D. Adcock 9/13/13
 MICHAEL D. ADCOCK, PROFESSIONAL LAND SURVEYOR
 MD, REG. NO. 24287, EXPIRATION DATE: 06-16-15



ENGINEER'S CERTIFICATE
 "I CERTIFY THAT THIS PLAN FOR EROSION AND SEDIMENT CONTROL REPRESENTS A PRACTICAL AND WORKABLE PLAN BASED ON MY PERSONAL KNOWLEDGE OF THE SITE CONDITIONS. THIS PLAN WAS PREPARED IN ACCORDANCE WITH THE REQUIREMENTS OF THE HOWARD COUNTY SOIL CONSERVATION DISTRICT."
Matthew T. Allen 7/6/07
 SIGNATURE OF ENGINEER (PRINT NAME, BELOW SIGNATURE) DATE

PRINT NAME: *Matthew T. Allen, P.E.*

DEVELOPER'S CERTIFICATE
 "I/WE CERTIFY THAT ALL DEVELOPMENT AND CONSTRUCTION WILL BE DONE ACCORDING TO THIS PLAN FOR SEDIMENT AND EROSION CONTROL, AND THAT ALL RESPONSIBLE PERSONNEL INVOLVED IN THE CONSTRUCTION PROJECT WILL HAVE A CERTIFICATE OF ATTENDANCE AT A DEPARTMENT OF THE ENVIRONMENT APPROVED TRAINING PROGRAM FOR THE CONTROL OF SEDIMENT AND EROSION BEFORE BEGINNING THE PROJECT. I ALSO AUTHORIZE PERIODIC ON-SITE INSPECTION BY THE HOWARD SOIL CONSERVATION DISTRICT."
Hugh F. Cole, Jr. 07/06/07
 SIGNATURE OF DEVELOPER (PRINT NAME, BELOW SIGNATURE) DATE

PRINT NAME: *HUGH F. COLE, JR.*

MISS UTILITY



BEFORE YOU DIG CALL 1-800-297-7777 PROJECT YOURSELF, GIVE TWO WORKING DAYS NOTICE

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THE CONTRACTOR TO CALL MISS UTILITY TO HAVE ALL EXISTING UTILITIES MARKED 48 HOURS PRIOR TO ANY CONSTRUCTION.