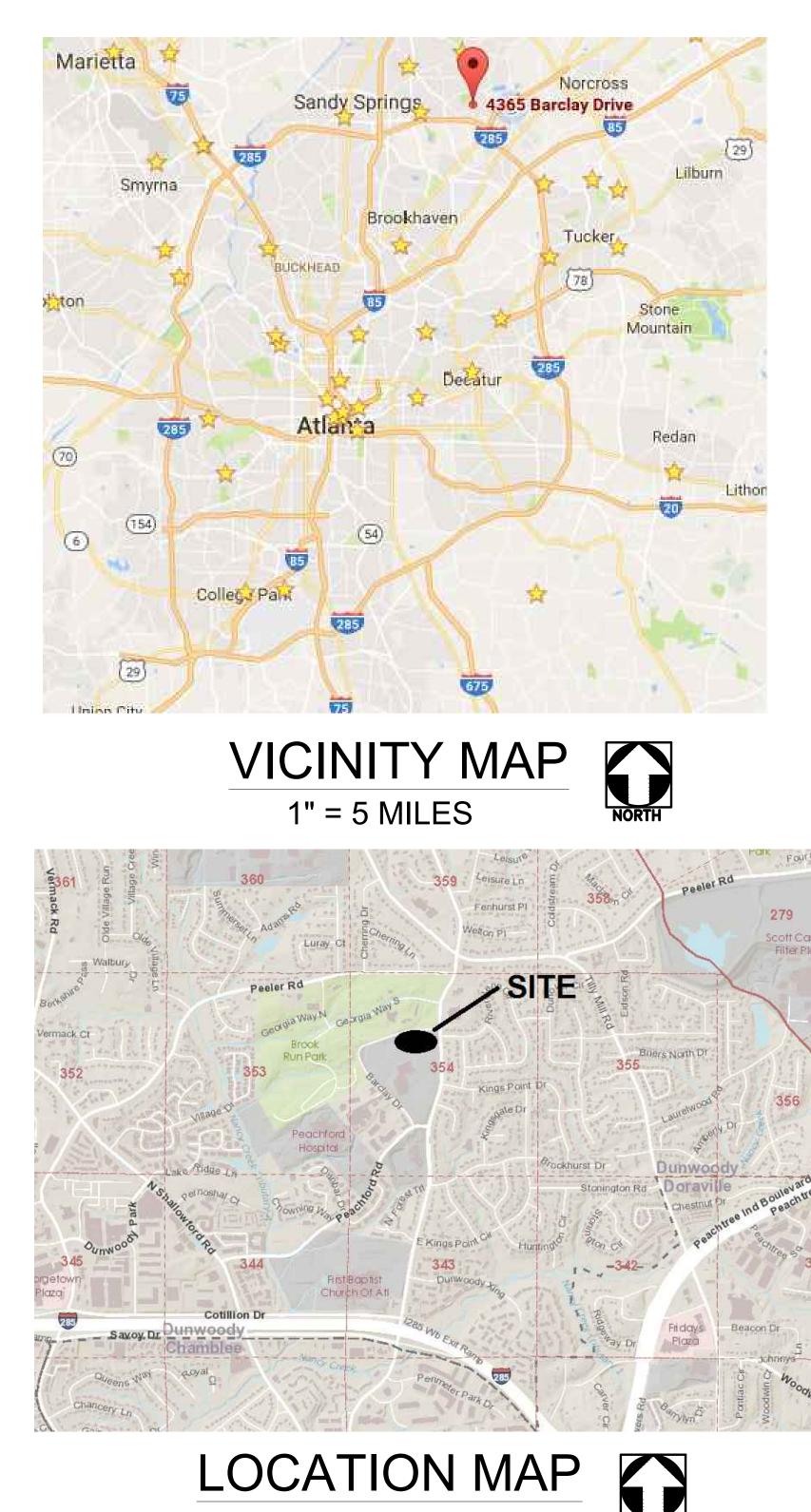
CITY OF DUNWOODY BASEBALL FACILITIES AT BROOK RUN PARK 4635 BARCLAY DRIVE, DUNWOODY, GA 30338 **RELEASED FOR CONSTRUCTION**



1" = 700'

SHALL BE CONCURRENT WITH STABILIZATION.

PROJECT NARRATIVE

THE PROPOSED DEVELOPMENT INCLUDES CONSTRUCTION OF TWO BASEBALL & MULTI-USE RECREATIONAL FIELDS, 3,268 SFT CONCESSIONS BUILDING AND ASSOCIATED SITE COMPONENTS INCLUDING SIDEWALKS, PARKING AREAS, PLAYGROUND, ACCESS DRIVES AND FENCING.

TOTAL SITE: 7.46 ACRES DISTURBED AREA: 9.1 ACRES

> NPDES FEES: GEORGIA EPD: \$80/ACRE= \$728.00

PROJECT INFORMATION & CONTACTS

SITE LOCATION

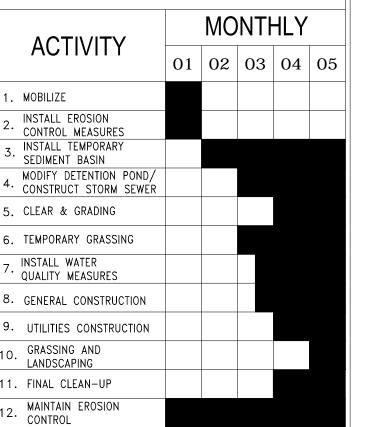
4635 BARCLAY DRIVE, DUNWOODY, GA 30338 DEKALB COUNTY, DIST. 18, LAND LOT 354 ZONED: R-85 (RESIDENTIAL) PARCEL ID: 18 354 14 003

OWNER:

CITY OF DUNWOODY ARCHITECT: BRENT WALKER, PARKS AND RECREATION DIRECTOR PHONE: 678-382-6857 EMAIL: BRENT.WALKER@DUNWOODYGA.GOV 24-HOUR CONTACT:

BRENT WALKER 678-382-6850

CONSTRUCTION SCHEDULE



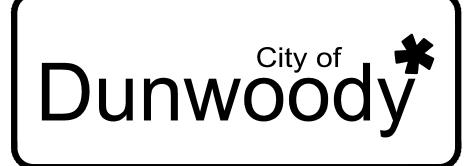
MONTH 1 IS AUGUST 2017 TEMPORARY GRASSING TO BEGIN TWO WEEKS AFTER THE INITIAL DISTURBANCE. NOTE: INSTALLATION OF WATER QUALITY CONTROL DEVICES



CIVIL ENGINEER:

SKYLINE ENGINEERING & CONSTRUCTION MARK D. COOKE, P.E. 6755 PEACHTREE INDUSTRIAL BLVD, STE. 250 ATLANTA, GA 30360 PHONE: 888-706-0661 EMAIL: MCOOKE@SKYLINE-EC.COM

ROBERT AND COMPANY ALVIN HARPER, RA, NCARB, LEED-AP, AIA 229 PEACHTREE STREET NE, STE. 2000 ATLANTA, GA 30303 PHONE: 404-577-4000 EMAIL: A.HARPER@ROBERTCO.COM

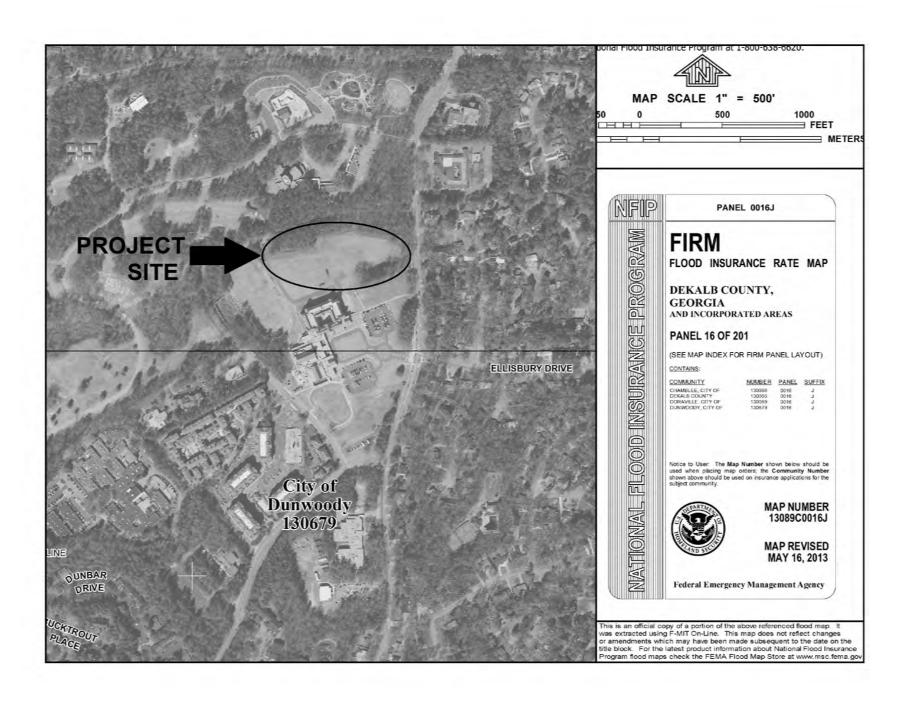


PROPOSED UTILITIES

SANIT	ARY SEW	ER	WATER					
# OF MAN	HOLES:	3	# FIRE HYDRANTS:	1				
LF OF SEV	VER:	660	LF OF WATER:	380				
72-HOUR NOTICE IS REQUIRED TO GEORGIA 811 UTILITY PROTECTION CENTER BEFORE ANY PLANNED DIGGING. WWW.GEORGIA811.COM								
BARK D. COOKE, PE Level II Certified Design Professional								

CertificationNumber 0000029484

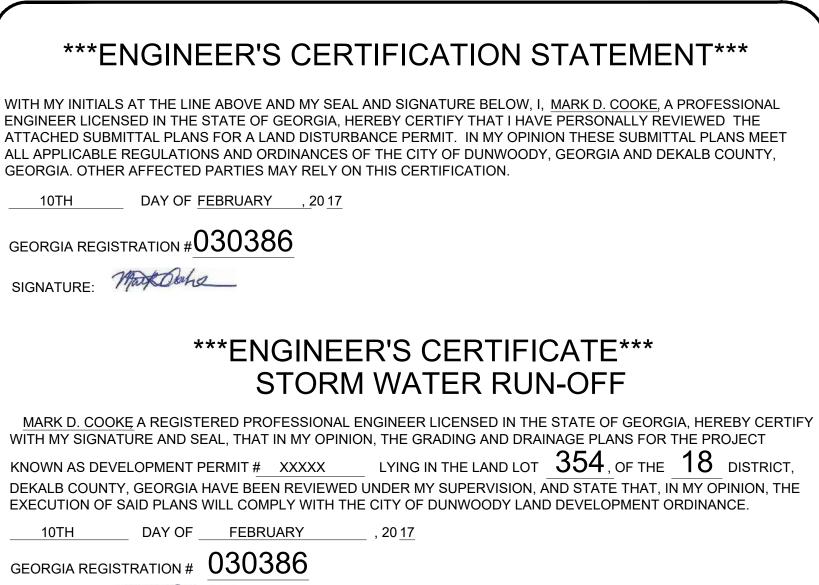
SUED: 12/19/2015 EXPIRES: 12/19/2018



SIGNATURE: Mark Daha



ACCORDING TO THE FEMA FLOOD INSURANCE RATE MAP (FIRM) PANEL 13089C0016J FOR DEKALB COUNTY, GEORGIA AND INCORPORATED AREAS, NO PORTION OF THIS SITE LIES IN A SPECIAL FLOOD HAZARD AREA





GENERAL NOTES - CIVIL

- A. BEFORE STARTING LAND DISTURBING ACTIVITIES, THE CONTRACTOR IS REQUIRED TO SCHEDULE A PRE-CONSTRUCTION MEETING WITH THE CITY OF DUNWOODY. FAILURE TO DO SO MAY RESULT IN STOP WORK ORDER OR PERMIT **REVOCATION.**
- B. ALL CONSTRUCTION SHALL COMPLY WITH APPLICABLE CODES AND LOCAL REQUIREMENTS. CONTRACTORS MUST COMPLY WITH CONTRACTOR REGISTRATION REQUIREMENTS OF ALL GOVERNING AUTHORITIES.
- C. DISCREPANCIES BETWEEN PORTIONS OF THE CONTRACT DOCUMENTS, DRAWINGS, AND SPECIFICATIONS ARE NOT INTENDED. STATED DIMENSIONS TAKE PRECEDENCE OVER GRAPHICS. DO NOT SCALE DRAWINGS TO DETERMINE LOCATIONS. THE CONTRACTOR IS TO CLARIFY ANY SUCH DISCREPANCIES WITH THE ENGINEER PRIOR TO COMMENCING WORK
- D. APPROVED PLANS SHALL BE KEPT IN A PLAN BOX AND SHALL NOT BE USED BY WORKMEN. ALL CONSTRUCTION SETS SHALL REFLECT SAME INFORMATION. CONTRACTOR SHALL MAINTAIN ONE COMPLETE SET OF PLANS ON THE PREMISES IN GOOD CONDITION AT ALL TIMES. THIS SHALL INCLUDE ALL ADDENDA AND CHANGE ORDERS.
- E. CONTRACTOR IS RESPONSIBLE FOR TRAFFIC CONTROL WHILE WORKING IN THE PUBLIC RIGHT OF WAY OR ADJOINING PROPERTIES. ALL SIGNAGE AND TRAFFIC CONTROL DEVICES SHALL BE PROVIDED IN ACCORDANCE WITH THE STATE OF GEORGIA MUTCD.
- TRUCKING ON OR ABOUT THE SITE WILL BE PERMITTED ONLY WITHIN REASONABLE LIMITS AND THE CONTRACTOR SHALL NOT UNREASONABLY ENCUMBER THE PREMISES WITH EQUIPMENT AND MATERIALS. THE STORAGE SHALL BE CONFINED TO SUCH LIMITS AS MAY BE JOINTLY AGREED UPON BY OWNER AND CONTRACTOR.
- G. CONTRACTOR TO DEMOLISH AND REMOVE ALL EXISTING STRUCTURES, TREES, FENCES, SLABS, DRIVEWAYS, SIDEWALKS, EXCEPT THOSE SPECIFICALLY NOTED TO REMAIN. VERIFY ON-SITE THE EXTENT OF DEMOLITION WORK WHICH MAY OR MAY NOT BE SHOWN ON PLANS.
- H. WHERE IT IS NECESSARY TO CUT PUBLIC CURBS. THEY SHALL BE RECONSTRUCTED IN STRICT ACCORDANCE WITH THE REQUIREMENTS OF THE GOVERNING JURISDICTION. CONTRACTOR RECONSTRUCT PUBLIC CURBS AFTER DEMOLITION OF **EXISTING APPROACHES.**
- CONTRACTOR SHALL PROVIDE GROUND POISONING FOR TERMITES AND OTHER INSECTS PRIOR TO FINAL CONCRETE FLOOR INSTALLATION. GENERAL CONTRACTOR SHALL SUBMIT TO OWNER WRITTEN GUARANTEE FROM REPUTABLE EXTERMINATION COMPANY.
- J. UTILITIES SHOWN ARE TAKEN FROM THE SURVEY AND RECORDS OF RESPECTIVE UTILITY COMPANIES AND MAY NOT NECESSARILY REPRESENT ALL UNDERGROUND UTILITIES ADJACENT TO OR ON THE SITE. IT SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR TO LOCATE ALL EXISTING UTILITIES, WHETHER SHOWN HEREIN OR NOT, AND TO PROTECT THEM FROM DAMAGE. THE CONTRACTOR SHALL BEAR THE EXPENSE OF REPAIR OR REPLACEMENT OF UTILITIES OR OTHER PROPERTY DAMAGED BY OPERATIONS IN CONJUNCTION WITH THE EXECUTION OF THE WORK.
- K. CONTRACTOR TO ADJUST AND/OR RECONSTRUCT TO GRADE ALL MANHOLES, CLEANOUTS, AND GREASE TRAPS TO MEET PROPOSED GRADES. SEE THE GRADING PLAN FOR PROPOSED GRADING INFORMATION.
- ALL SITE WORK AND PAVING SHALL BE IN ACCORDANCE WITH OR SURPASS RECOMMENDATIONS OF THE GEOTECHNICAL REPORT (IF ANY). IF THE GEOTECHNICAL REPORT CONFLICTS WITH DRAWINGS AND SPECIFICATIONS, THE MORE PROHIBITIVE OF THE TWO SHALL TAKE PRECEDENCE AND BE CONSIDERED THE INTENT OF THE BID DOCUMENTS. THE OWNER AND/OR ENGINEER ACCEPT NO RESPONSIBILITY FOR THE ACCURACY OF THE SOILS REPORT RECOMMENDATIONS REGARDING GRADING, TRENCHING, ETC.-CONTACT THE ENGINEER FOR INSTRUCTIONS PRIOR TO THE CONTINUATION OF WORK SHOULD ANY UNUSUAL CONDITIONS BECOME APPARENT DURING GRADING OR FOUNDATION CONSTRUCTION.
- M. THE ACCESSIBLE ROUTE IDENTIFIED ON THE PLAN SHALL BE IN COMPLIANCE WITH ALL LOCAL, STATE, AND FEDERAL REGULATIONS. IT SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR TO ENSURE THAT THE FINAL ACCESSIBLE ROUTE IS CONSISTENT WITH THE DESIGN SHOWN AND CONSTRUCTED IN SUCH A WAY AS TO MEET ALL APPLICABLE REQUIREMENTS. CODE REFERENCES LISTED IN THE PLANS IDENTIFY THE APPLICABLE SECTION OF THE ADA STANDARDS FOR ACCESSIBLE DESIGN IN APPENDIX A OF THE TITLE III REGULATIONS (28 CFR PART 36, REVISED JULY 1, 1994) ISSUED BY THE DEPARTMENT OF JUSTICE.
- N. FOR CONSTRUCTION DETAILS NOT SHOWN, USE THE MANUFACTURER'S APPROVED SHOP DRAWINGS/DATA SHEETS IN ACCORDANCE WITH THE PROJECT SPECIFICATIONS AND LOCAL REGULATIONS.
- O. THE FINISH GRADE OF PAVEMENT SHALL SLOPE UNIFORMLY TO FINISH ELEVATIONS SHOWN ON THE GRADING PLAN. CONTRACTOR IS RESPONSIBLE FOR ENSURING POSITIVE DRAINAGE AWAY FROM BUILDING.
- P. ALL FILL UTILIZED SHALL BE COMPACTED TO PRODUCE A SURFACE SATISFACTORY FOR THE PROPER INSTALLATION OF BASE COURSE AND PAVING IN ACCORDANCE WITH LOCAL REGULATIONS AND THE GEOTECHNICAL REPORT (IF ANY).
- BEFORE COMMENCING PAVING WORK, THE CONTRACTOR MUST MAKE CERTAIN THAT THE SURFACES TO BE COVERED ARE IN PROPER CONDITION. SURFACES THAT AREN'T ACCEPTABLE SHALL BE REPORTED TO THE ENGINEER IMMEDIATELY.
- R. REMOVE AND STOCKPILE EXISTING TOP SOIL FROM AREAS TO BE GRADED. UTILIZE STOCKPILED TOPSOIL FOR FINAL GRADING ACTIVITIES IN TURF AREAS. COVER AND RETAIN ALL EXCESS TOP SOIL FOR USE BY THE LANDSCAPE CONTRACTOR DURING PLANTING BED PREPARATION.
- S. THE CONTRACTOR SHALL VERIFY ALL SEWER INVERTS AND IS RESPONSIBLE FOR PROVIDING ADEQUATE SLOPE OF PROPOSED SEWER TOWARD THE PUBLIC SEWER IN STRICT ACCORDANCE WITH THE GOVERNING AUTHORITIES PRIOR TO CONSTRUCTION.
- T. BACKFILL ALL TRENCHES, UNDERSLABS, WALKS AND PAVED AREAS IN ACCORDANCE WITH GEOTECHNICAL REPORT (IF ANY).
- U. GENERAL CONTRACTOR SHALL PROVIDE TEMPORARY OR PERMANENT SOIL EROSION CONTROL MEASURES TO ALL DISTURBED AREAS OUTSIDE PROPERTY.
- V. ALL UTILITY STRUCTURES TO BE CONSTRUCTED IN ACCORDANCE WITH ALL GOVERNING CODES OR STANDARDS (CITY, COUNTY, AND STATE.)
- W. CONTRACTOR SHALL PAY FOR AND OBTAIN THE REQUIRED PERMITS AND HOLD A PRE-CONSTRUCTION CONFERENCE BEFORE STARTING WORK. CONTACT THE CITY OF DUNWOODY DEPARTMENT OF COMMUNITY DEVELOPMENT FOR INFORMATION ON SETTING YOUR PRE-CONSTRUCTION MEETING, ISSUANCE OF PERMITS AND OTHER REQUIREMENTS.
- X. THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE RESTORATION OF ANY TRAFFIC SIGNAL EQUIPMENT INCLUDING BUT NOT LIMITED TO FIBER, LOOP SENSORS, PULL BOXES, CONDUIT, TRAFFIC SIGNALS AND CABINETS. ANY ITEMS DAMAGED BY THE CONTRACTOR WILL BE RESTORED TO THEIR ORIGINAL CONDITIONS UNLESS OTHERWISE AGREED UPON BY THE COUNTY TRAFFIC ENGINEER.

DEMOLITION NOTES

- SHOULD ANY SECTION OF THESE DEMOLITION NOTES BE IN DIRECT CONFLICT WITH THE PROVISIONS OR TECHNICAL SPECIFICATIONS CONTAINED IN THE CONTRACT DOCUMENT FOR THIS PROJECT, THE INTENT OF THE CONTRACT DOCUMENT SHALL GOVERN.
- 2. FOR THIS PROJECT, "OWNER" SHALL MEAN <THE LAND OWNER OF RECORD>, "SURVEY" SHALL MEAN THE BOUNDARY SURVEY PREPARED BY <SURVEY COMPANY> AND "ENGINEER" SHALL MEAN THE ENGINEER OF RECORD.
- 3. EXISTING CONDITIONS, UTILITIES, STRUCTURES AND OTHER IMPROVEMENTS, AS SHOWN ON THE DEMOLITION DRAWINGS, WERE TAKEN FROM THE SURVEY, AND/OR FROM INFORMATION PROVIDED BY UTILITY COMPANIES. OTHERS MAY EXIST AND MAY BE FOUND UPON VISITING THE SITE. IT WILL BE THE RESPONSIBILITY OF THE CONTRACTOR TO ACCURATELY LOCATE ALL FACILITIES AND TO DETERMINE THEIR EXTENT. IF SUCH FACILITIES OBSTRUCT THE PROGRESS OF THE WORK AND ARE NOT INDICATED TO BE REMOVED OR RELOCATED, THEY SHALL BE REMOVED OR RELOCATED ONLY AS DIRECTED BY THE OWNER, ARCHITECT, OR ENGINEER OF RECORD, AT NO ADDITIONAL COST TO THE OWNER.
- 4. ORGANIZE AND PERFORM DEMOLITION WORK TO AVOID DAMAGE TO CONSTRUCTION INTENDED TO REMAIN. 5. DEMOLITION AND REMOVAL OPERATIONS SHALL BE CONDUCTED IN AN EXPEDIENT MANNER, WITH THE PRECAUTIONS
- TAKEN TO PREVENT THE DEMOLITION SITE FROM BEING A NUISANCE.
- 6. PERFORM REMOVAL AND DEMOLITION IN ACCORDANCE WITH STATE AND LOCAL DEMOLITION REGULATIONS AND TAKE NECESSARY PRECAUTIONS TO PROTECT EXISTING ADJACENT BUILDINGS, FURNISHINGS, AND EQUIPMENT. NOTIFY THE ENGINEER OF ANY CONDITIONS THAT MAY AFFECT THE SAFETY OF OCCUPANTS OF THE ADJACENT BUILDINGS, THE NORMAL USE OF THESE FACILITIES, OR THE PHYSICAL CONDITION OF THE STRUCTURES.
- 7. ALL EXISTING UTILITIES OUTSIDE THE PROPERTY BOUNDARIES ARE TO REMAIN, UNLESS OTHERWISE NOTED.
- 8. PRIOR TO DEMOLITION ACTIVITIES, IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO CONTACT ALL AFFECTED UTILITY COMPANIES IN ORDER TO COORDINATE THE DEACTIVATION OF ALL EXISTING UTILITY LINES WITHIN THE PROPERTY. ONCE ALL ONSITE UTILITIES HAVE BEEN DEACTIVATED, ALL LINES SHALL BE CUT AND CAPPED INSIDE THE PROPERTY LINE, AND REMOVED (UNLESS OTHERWISE INDICATED).

DEMOLITION NOTES (CONT.)

LINE.

10. NO LIGHTING MAY BE REMOVED FROM PUBLIC STREETS UNTIL THE PROPOSED LIGHTING IS FULLY IN PLACE, OTHERWISE CONTRACTOR SHALL INSTALL A TEMPORARY LIGHTING SYSTEM. SO THAT NO AREA USED BY THE PUBLIC WILL HAVE LESS LIGHTING THAN CURRENTLY EXISTS.

11. EXISTING WORK NOT SPECIFIED FOR REMOVAL WHICH IS TEMPORARILY REMOVED, DAMAGED, EXPOSED, OR IN ANY WAY DISTURBED OR ALTERED BY REMOVAL WORK SHALL BE REPAIRED, PATCHED OR REPLACED, AT THE CONTRACTOR'S **EXPENSE, TO THE ENGINEER'S SATISFACTION.**

12. TITLE AND RESPONSIBILITY TO MATERIALS AND EQUIPMENT TO BE REMOVED, EXCEPT SALVAGEABLE EQUIPMENT TO BE RETAINED BY THE OWNER, IS VESTED TO THE CONTRACTOR UPON RECEIPT OF NOTICE TO PROCEED. THE OTHER WILL NOT BE RESPONSIBLE FOR THE CONDITION, LOSS OR DAMAGE TO SUCH MATERIALS AND EQUIPMENT AFTER NOTICE TO PROCEED.

SPECIFIED.

- CONSTRUCTION.

J. TREES AND LANDSCAPE AREAS TO REMAIN UNLESS OTHERWISE SPECIFIED ON LANDSCAPE PLANS. APPLICABLE CODES

1. DEMOLITION AND TRANSPORTATION OF DEBRIS SHALL COMPLY WITH APPLICABLE LOCAL, STATE, AND FEDERAL CODES AND REGULATIONS GOVERNING THESE OPERATIONS. THE CONTRACTOR SHALL OBTAIN AND PAY FOR ANY PERMITS, BONDS, LICENSES, ETC., REQUIRED FOR DEMOLITION AND CLEARING WORK.

SEQUENCING AND SCHEDULING 1. AREAS ADJACENT TO DEMOLITION AND REMOVAL WORK MAY BE OCCUPIED AND THEIR ACTIVITIES CANNOT BE INTERRUPTED OR DISTURBED DURING NORMAL WORKING HOURS. DEMOLITION SCHEDULE SHALL BE COORDINATED WITH ALL ADJACENT PROPERTY OWNERS AND ANY OTHER PARTIES WHOSE DAILY ACTIVITIES WOULD BE AFFECTED BY THE DEMOLITION WORK.

2. NOISE PRODUCING ACTIVITIES SHALL BE HELD TO A MINIMUM. INTERNAL COMBUSTION ENGINES AND COMPRESSORS, ETC., SHALL BE EQUIPPED WITH MUFFLERS TO REDUCE NOISE TO A MINIMUM. COMPLY WITH ALL NOISE ABATEMENT ORDINANCES.

4. DISPOSITION OF DEMOLISHED MATERIALS BY BURNING IS NOT PERMITTED.

5. ALL CLEARING SHALL BE PERFORMED IN A MANNER SUCH AS TO PREVENT ANY WASH-OFF OF SOILS AND DEBRIS FROM THE SITE INTO PUBLIC RIGHT-OF-WAY STREAMS, AND/OR STORM DRAINAGE SYSTEMS. APPROPRIATE SEDIMENTATION PONDS, DIKES, COLLARS, AND FILTER MEDIA SHALL BE EMPLOYED TO INSURE COMPLIANCE WITH THESE REQUIREMENTS. WHERE A SPECIFIC STATUTE GOVERNS THESE PROCEDURES, SUCH STATUE SHALL BE COMPLIED WITH ITS ENTIRETY.

6. DURING THE ENTIRE COURSE OF OPERATIONS, ALL EXISTING DRAINAGE WAYS, BOTH INTO AND FROM THE PROJECT AREA SHALL BE MAINTAINED IN A FUNCTIONAL CONDITION.

8. IF IT SHOULD BECOME NECESSARY TO STOP WORK FOR INDEFINITE PERIODS, THE CONTRACTOR SHALL TAKE EVERY PRECAUTION TO PREVENT DAMAGE OR DETERIORATION OF THE WORK ALREADY PERFORMED, PROVIDE SUITABLE AND FUNCTIONAL DRAINAGE BY OPENING DITCHES, FILTER DRAINS, TEMPORARY CUT-OFF LINES, ETC., AND ERECT TEMPORARY PROTECTIVE STRUCTURES WHERE NECESSARY. ALL EMBANKMENTS SHALL BE BACK-BLADED AND SUITABLY SEALED TO PROTECT AGAINST ADVERSE WEATHER CONDITIONS.

TRAFFIC MAINTENANCE

1. THE CONTRACTOR MAY NOT CLOSE ANY SIDEWALKS WITHOUT PROVIDING ALTERNATE ROUTES IN ACCORDANCE WITH GDOT REGULATIONS.

CLEAN UP

- PERMITTED.

9. THE CONTRACTOR SHALL USE EXTREME CAUTION IN REMOVING ANY STRUCTURES AND UTILITIES ABOVE AND BELOW GRADE TO PREVENT DAMAGE TO EXISTING UTILITIES WHICH ARE TO REMAIN IN SERVICE. ANY DAMAGE TO EXISTING PIPELINES, UTILITIES, ETC., CAUSED BY THE CONTRACTOR SHALL BE REPAIRED, AT THE CONTRACTOR'S EXPENSE, IN A MANNER ACCEPTABLE TO THE PARTY IN OWNERSHIP OF THE DAMAGED PROPERTY. THE CONTRACTOR SHALL REPORT ANY EXISTING DAMAGE PRIOR TO BEGINNING WORK. IN THE EVENT OF ACCIDENTAL DISRUPTION OF UTILITIES OR THE DISCOVERY OF PREVIOUSLY UNKNOWN UTILITIES, STOP WORK IMMEDIATELY AND NOTIFY THE AFFECTED UTILITY COMPANY AND THE ENGINEER. DO NOT CONTINUE WORK UNTIL THE UTILITY, ENGINEER, AND CONTRACTOR AGREE ON A PLAN TO CORRECT THE SITUATION OR IDENTIFY THE UTILITY SERVICE

13. IT IS THE CONTRACTOR'S RESPONSIBILITY TO:

A. PROTECT ALL EXISTING STRUCTURAL ELEMENTS TO REMAIN DURING DEMOLITION UNLESS OTHERWISE

B. IF APPLICABLE, PATCH AND REPAIR ALL SURFACES AFFECTED BY DEMOLITION, TO RECEIVE NEW

C. EXISTING CONCRETE OR ASPHALT PAVEMENT TO BE REMOVED SHALL BE SAW-CUT IN NEAT, STRAIGHT LINES. D. EXISTING IRRIGATION LINES WITHIN THE LIMITS OF DEMOLITION TO BE ABANDONED.

E. ALL EXISTING WIRE, IRON, CHAIN LINK, WOOD FENCES ARE TO REMAIN UNLESS OTHERWISE SPECIFIED. F. NO ELECTRIC POLE, STREET LIGHT, WATER METER/VALVE, FIRE HYDRANT ETC. WILL BE REMOVED WITHIN THE ROADWAY RIGHT OF THE WAY LINES.

G. REFER TO LANDSCAPE PLANS FOR ALL EXIST. TREES.

H. EXIST. MONITORING WELLS TO REMAIN AND BE PROTECTED AT ALL TIMES.

I. ALL EXISTING SURVEY REFERENCES AND MARKERS SHALL REMAIN IN PLACE OR BE REPLACED AT NO ADDITIONAL COST TO THE OWNER.

2. ANY WORK WITHIN PUBLIC RIGHT-OF-WAY SHALL BE DONE IN ACCORDANCE WITH THE REQUIREMENTS OF THE LOCAL GOVERNMENT, AND OTHER GOVERNMENTAL AGENCIES HAVING JURISDICTION, AND SHALL NOT BEGIN UNTIL THE CONTRACTOR HAS NOTIFIED, AND PERMITS HAVE BEEN OBTAINED FROM, THESE GOVERNING AUTHORITIES.

2. COORDINATE WITH APPLICABLE UTILITY COMPANIES FOR UTILITY LINE REMOVAL, CAPPING AND UTILITY SHUTDOWNS NECESSITATED BY REMOVAL WORK.

ENVIRONMENTAL PROTECTION

1. CONTROL AMOUNT OF DUST RESULTING FROM CONSTRUCTION OR DEMOLITION TO PREVENT SPREAD OF DUST TO OTHER BUILDINGS AND TO AVOID CREATION OF A NUISANCE IN SURROUNDING AREAS. USE OF WATER TO CONTROL DUST WILL NOT BE PERMITTED WHEN IT WILL RESULT IN, OR CREATE, HAZARDOUS OR OBJECTIONABLE CONDITIONS SUCH AS FLOODING.

3. THE USE OF EXPLOSIVES WILL NOT BE PERMITTED

7. DURING THE ENTIRE COURSE OF OPERATION, THE EXPOSED AREAS OF SUBGRADE SHALL BE MAINTAINED IN A CONDITION COMPATIBLE WITH POSITIVE DRAINAGE OF THE WORK AREA. NO WATER WILL BE PERMITTED TO STAND IN OPEN EXCAVATIONS. ALL STORMWATER RUNOFF SHALL BE CONTAINED WITHIN THE SITE. FAILURE TO MAINTAIN SUCH DRAINAGE SHALL BE CONSIDERED ADEQUATE CAUSE FOR THE CONTRACTOR TO ORDER TEMPORARY SUSPENSION OF THE WORK.

9. THE CONTRACTOR SHALL TAKE ALL NECESSARY PRECAUTIONS WHEN REMOVING ABANDONED AND DE-ENERGIZED MATERIALS. IF ASBESTOS PIPES ARE ENCOUNTERED, THE CONTRACTOR WILL TAKE ALL NECESSARY ABATEMENT STEPS AS REQUIRED BY GOVERNING REGULATIONS TO SAFELY REMOVE AND DISPOSE OF SAID FACILITIES. THE CONTRACTOR SHALL NOTIFY THE ENGINEER IMMEDIATELY UPON DISCOVERY OF SAID MATERIALS.

2. CONDUCT REMOVAL OPERATIONS SO THAT TRAFFIC IS MAINTAINED ALONG EXISTING STREETS AND WALKS. KEEP PAVED STREETS AND WALKWAYS FREE OF DEBRIS. REMOVE MATERIAL AND OTHER MATTER TRACKED OR FALLEN ONTO TRAFFIC SURFACES.

1. REMOVE DEMOLISHED CONSTRUCTION MATERIALS AND RELATED DEBRIS FROM THE SITE ON A REGULAR BASIS. ACCUMULATION OF DEBRIS ON THE SITE WILL NOT BE PERMITTED. SELLING OF SALVAGEABLE MATERIALS IS NOT PERMITTED AT THE SITE.

2. REMOVE MATERIALS, INCLUDING DEBRIS AND DUST, AND DISPOSE OF LEGALLY OFF SITE. NO DEBRIS SHALL BE BURNED OR BURIED ON THE SITE AS A MEANS OF DISPOSAL. USE METHODS APPROVED BY THE REGULATORY AGENCIES PRIOR TO BEGINNING CLEANUP OPERATIONS. USE OF BLOWERS TO DISTRIBUTE DUST WILL NOT BE

3. MATERIAL DESIGNATED FOR REMOVAL SHALL BECOME THE PROPERTY OF THE CONTRACTOR, AND ANY SALVAGE VALUE THEREFROM WILL ACCRUE TO THIS SUBCONTRACTOR.

	INDEX OF DRAWINGS - CIVIL		INDEX OF DRAWINGS - ARCHITECTURAL
DWG. NO	D. TITLE	DWG. NC). TITLE
C-0.0	COVER SHEET	A-0.01	ARCHITECTURAL GENERAL NOTES AND ABBREVIATIONS
C-0.1	CIVIL GENERAL NOTES AND SHEET INDEX	A-0.10	LIFE SAFETY PLAN AND CODE ANALYSIS
1 of 2	EXSITING CONDITIONS SURVEY	A-1.00	FIELDHOUSE FLOOR, ROOF AND REFLECTED CEILING PLAN
2 of 2	EXSITING CONDITIONS SURVEY	A-1.01	DUGOUT FLOOR, ROOF AND REFLECTED CEILING PLAN
CD-1.0	CIVIL - DEMOLITION PLAN	A-1.10	DIMENSIONED FLOOR PLAN AND DETAILS
C-1.0	SITE PLAN	A-2.00	FIELDHOUSE BUILDING ELEVATIONS
C-1.1	SITE DETAILS	A-2.01	DUGOUT BUILDING ELEVATIONS
C-1.2	SITE DETAILS	A-2.02	BUILDING SECTIONS
C-1.3	SITE DETAILS	A-3.00	WALL SECTIONS
C-1.4	WEST FIELD DIMENSIONING PLAN	A-3.01	WALL DETAILS
C-1.5	EAST FIELD DIMENSIONING PLAN	A-4.00	ENLARGED PLANS
C-1.6	SITE MATERIAL PLAN	A-4.01	INTERIOR ELEVATIONS
C-1.7	FIELD DETAILS	A-4.02	INTERIOR ELEVATIONS
C-1.8	WALL PLAN	A-4.03	FOOD SERVICE EQUIPMENT AND CONCESSIONS PLAN
C-1.9	WALL DETAILS	A-5.00	EXTERIOR AND MISCELLANEOUS DETAILS
C-2.0	GRADING PLAN	A-6.00	FINISH FFE AND COLOR SCHEDULES
C-2.1	DRAINAGE PLAN	A-6.01	OPENING SCHEDULES
C-2.2	DRAINAGE PROFILES	A-6.02	OPENING ELEVATIONS AND WALL TYPES
C-2.3	DRAINAGE PROFILES	A-6.03	OPENING DETAILS
C-2.4	GRADING & DRAINAGE DETAILS	A-6.04	OPENING DETAILS
C-3.0	PHASE I EROSION CONTROL PLAN	A-7.00	MILLWORK SECTIONS
C-3.1	PHASE II EROSION CONTROL PLAN	A-7.01	MILLWORK SECTIONS
C-3.2	PHASE II EROSION CONTROL PLAN	A-8.00	MISCELLANEOUS DETAILS AND WALL TYPES
C-3.3	EROSION CONTROL NOTES	S-0.01	STRUCTURAL GENERAL NOTES AND ABBREVIATIONS
C-3.4	EROSION CONTROL NOTES AND DETAILS	S-1.00	FIELDHOUSE FOUNDATION PLAN
C-3.5	EROSION CONTROL DETAILS	S-1.01	FIELDHOUSE ROOF FRAMING PLAN
C-3.6	SEDIMENT BASIN DETAILS	S-1.02	DUGOUT FOUNDATION & ROOF PLAN
C-3.6A	SEDIMENT BASIN DETAILS	S-3.00	FOUNDATION SECTIONS
C-3.7	SEDIMENT BASIN DESIGN AND ESCP DETAILS	S-3.01	FIELDHOUSE ROOF SECTIONS
C-3.8		\$-5.00	TYPICAL DETAILS
C-3.9	NPDES ESCP CHECKLIST	M-0.01	MECHANICAL GENERAL NOTES, LEGEND & ABBREVIATIONS
C-4.0		M-1.01	FIELDHOUSE HVAC PLAN
C-4.1	UTILITY DETAILS UTILITY DETAILS	M-5.01	HVAC DETAILS
C-4.2	UTILITY DETAILS	M-6.01	HVAC EQUIPMENT SCHEDULES
C-4.3	UTILITY DETAILS	P-1.01	FIELDHOUSE SANITARY WASTE PLAN
C-4.4	UTILITY PROFILES	P-1.02	FIELDHOUSE & DUGOUT WATER SUPPLY PLAN
C-4.5 C-4.6	UTILITY EASEMENT PLAN	P-5.01	PLUMBING DETAILS
		P-6.01	PLUMBING EQUIPMENT SCHEDULES
LA-1.01	LANDSCAPE PLAN SITE AMENITIES AND DETAILS PLAN	P-9.01	FIELDHOUSE SANITARY & DOMESTIC WATER ISOMETRIC
LA-1.02		FA-1.01	FIELDHOUSE FIRE ALARM PLAN
1 of 1	TREE SURVEY - WEST PARCEL	E-0.01	ELECTRICAL GENERAL NOTES, ABBREVIATIONS & LEGEND
1 of 2	TREE SPECIES LIST - WEST PARCEL	E-1.00	OVERALL ELECTRICAL SITE PLAN ELECTRICAL SITE PLAN - BASEBALL FIELDS
1 of 1	TREE SURVEY - EAST PARCEL TREE SPECIES LIST - EAST PARCEL	E-1.01 E-1.02	ELECTRICAL SITE PLAN - BASEBALL FIELDS ELECTRICAL SITE PLAN - FOOTBALL FIELDS
1 of 2		E-1.02	FIELDHOUSE POWER PLAN AND TYPICAL DUGOUT PLAN
		E-1.03	FIELDHOUSE POWER PLAN AND TYPICAL DUGOUT PLAN FIELDHOUSE LIGHTING PLAN
		E-1.04 E-1.05	FIELDHOUSE LIGHTING PLAN FIELDHOUSE ROOF ELECTRICAL AND LIGHTING PLAN
		E-1.05 E-5.00	ELECTRICAL DETAILS
		E-5.00	
			ELECTRICAL SCHEDULES
		E-6.00	ELECTRICAL SCHEDULES
		E-6.01	PANEL SCHEDULES

GRADING NOTES

- CHANGES IN LEVEL EXCEEDING $\frac{1}{2}$ ", AND SHALL CONFORM TO CITY OF DUNWOODY REGULATIONS.
- B. WALKING SURFACE CROSS SLOPES SHALL NOT EXCEED $\frac{1}{4}$ " PER FOOT.
- TRAFFIC FLOW.
- WITH THE PROVISIONS OF A PEDESTRIAN RAMP.
- COMPLY WITH REQUIREMENTS FOR CURB RAMPS.
- F. NO SLOPE SHAL BE GREATER THAN 1V:2H.
- EVERY 400 FEET.
- PROPERTY OWNER AND LOCAL JURISDICTION.
- J. EXISITNG GRADES SHALL BE MATCHED ALONG THE PERIMETER OF THE SITE.
- K. SOILS IMPORTED INTO THE SITE FOR STRUCTURAL FILL SHALL BE CLEAN AND FREE OF ORGANIC MATERIALS.
- L. ALL PIPE LENGTHS ARE APPROXIMATE FROM CENTER OF STRUCTURE TO CENTER OF STRUCTURE.
- M. CONTRACTOR TO MAINTAIN STORM SEWER DRAINAGE THROUGH ENTIRE CONSTRUCTION PROCESS.
- N. AT ALL POINTS ALONG THE PUBLIC R.O.W. WHERE THE EXISTING CURB HEIGHT IS LESS THAN 5" HIGH. THE EXISTING CURB SHALL BE REMOVED AND REPLACED OR RESET TO MINIMUM CITY OF DUNWOODY REQUIREMENTS AND THE SIDEWALK REPLACED.



C. WALKS, SIDEWALKS, AND PEDESTRIAN WAYS SHALL BE FREE OF GRATING WHENEVER POSSIBLE. FOR GRATINGS LOCATED IN THE SURFACE OF ANY OF THESE AREAS, GRID OPENINGS IN THE GRATINGS SHALL BE LIMITED TO $\frac{1}{2}$ " IN THE DIRECTION OF

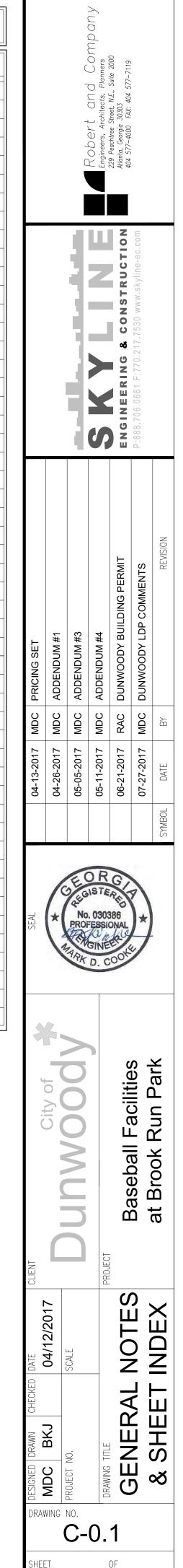
D. ON ACCESSIBLE ROUTES, WHEN THE SLOPE IN THE DIRECTION OF TRAVEL OF ANY WALK EXCEEDS 1V:20H, IT SHALL COMPLY

E. PER ADA STANDARDS FOR ACCESSIBLE DESIGN 4.5.2: ON ACCESSIBLE ROUTES, CHANGES IN ELEVATION UP TO 1/4" ARE ALLOWED. CHANGES GREATER THAN $\frac{1}{4}$ " MUST BE BEVELED NO GREATER THAN 1V:2H AND CHANGES GREATER THAN $\frac{1}{4}$ " SHALL

G. ALL WALKS WITH CONTINUOUS SLOPE SHALL HAVE LEVEL AREAS AT LEAST 5 FEET IN LENGTH AT INTERVALS OF AT LEAST

H. CONTRACTOR TO INSTALL ALL NECESSARY EROSION AND SEDIMENTATION CONTROL MEASURES PRIOR TO THE START OF ANY GRADING ACTIVITIES. REFER TO THE EROSION AND SEDIMENTATION CONTROL PLAN FOR DETAILS AND PROCEDURES.

I. NO GRADING ACTIVITIES SHALL BE PERFORMED OFF-SITE WITHOUT THE EXPRESSED WRITTEN CONSENT OF THE ADJACENT



SURVEY NOTES

EQUIPMENT USED: A TRIMBLE "S" SERIES TOTAL STATION WAS USED TO OBTAIN ANGULAR MEASUREMENTS AND DISTANCE MEASUREMENTS A TRIMBLE R-10 DUAL FREQUENCY GPS UNIT WAS USED FOR ESTABLISHING CONTROL. A NETWORK ADJUSTED RTK SURVEY WAS PERFORMED AND ADJUSTED

BY RELATIVE POSITIONAL ACCURACY. CLOSURE STATEMENT THIS SURVEY HAS BEEN CALCULATED FOR CLOSURE AND IS ACCURATE

WITHIN ONE FOOT IN 478,846 FEET. THE FIELD DATA UPON WHICH THIS SURVEY IS BASED HAD A CLOSURE OF ONE FOOT IN 48.935 FEET AND AN ANGULAR ERROR OF 2" PER ANGLE POINT AND WAS ADJUSTED USING THE COMPASS RULE.

THE BEARINGS SHOWN ON THIS SURVEY ARE COMPUTED ANGLES BASED ON A GRID BEARING BASE (GA WEST ZONE) NAD83.

ALL HORIZONTAL DISTANCES SHOWN ARE GROUND DISTANCES. MEASURING UNITS OF THIS SURVEY ARE IN U.S. SURVEY FEET.

CONTOURS ARE SHOWN AT TWO FOOT INTERVALS. ELEVATIONS ARE BASED ON RTK GLOBAL POSITIONING SYSTEMS OBSERVATION AND ARE RELATIVE TO NAVD 88 DATUM. FIELD WORK FOR THIS PROPERTY WAS COMPLETED ON NOVEMBER 2, 2016

INFORMATION REGARDING SIZE, LOCATION, AND SPECIES OF EXISTING TREES IS SHOWN HEREON. THERE IS NO CERTAINTY OF THE SIZE AND SPECIES OF THE SAID REES WITHOUT VERIFICATION FROM THE DESIGNATED ARBORIST BY THE LOCAL REGULATORY AUTHORITY. THE OWNER, HIS EMPLOYEES, HIS CONSULTANTS, HIS CONTRACTORS, AND/OR HIS AGENTS SHALL HEREBY DISTINCTLY UNDERSTAND THAT THE SURVEYOR IS NOT RESPONSIBLE FOR THE CORRECTNESS OR SUFFICIENCY OF THIS INFORMATION SHOWN HEREON EXCEPT BY APPROVAL OF SAID AUTHORITY

THIS SURVEY MAY NOT REPRESENT OFFSITE PAINT STRIPING TO THE ACCURACY REQUIRED FOR LANE DESIGN, TERRAMARK LOCATES THE EDGE OF PAVING AND CRITICAL POINTS TO REFLECT ACCURATE TOPOGRAPHIC DATA ONLY. ACCURACY OF PAINT LOCATIONS SHOULD BE VERIFIED WITH SURVEYOR PRIOR TO USING THIS SURVEY FOR DESIGN

INFORMATION REGARDING THE REPUTED PRESENCE, SIZE, CHARACTER, AND LOCATION OF EXISTING UNDERGROUND UTILITIES AND STRUCTURES IS SHOWN HEREON. THERE IS NO CERTAINTY TO THE ACCURACY OF THIS INFORMATION AND IT SHALL BE CONSIDERED IN THAT LIGHT BY THOSE USING THIS DRAWING. THE LOCATION AND ARRANGEMENT OF UNDERGROUND UTILITIES AND STRUCTURES SHOWN HEREON MAY BE INACCURATE AND UTILITIES AND STRUCTURES NOT SHOWN MAY BE ENCOUNTERED. THE OWNER. HIS EMPLOYEES, HIS CONSULTANTS. HIS CONTRACTORS, AND/OR HIS AGENTS SHALL HEREBY DISTINCTLY UNDERSTAND THAT THE SURVEYOR IS NOT RESPONSIBLE FOR THE CORRECTNESS OR SUFFICIENCY OF THIS INFORMATION SHOWN HEREON AS TO SUCH UNDERGROUND **NFORMATION**

INFORMATION REGARDING STORM SEWER AND SANITARY SEWER AS SHOWN HEREON, IS BASED ON OBSERVATIONS TAKEN BY TERRAMARK EMPLOYEES AT THE GROUND ELEVATION OF THE EXISTING STRUCTURE. TERRAMARK EMPLOYEES ARE NOT AUTHORIZED TO ENTER A CONFINED SPACE SUCH AS A STRUCTURE. THEREFORE, THERE IS NO CERTAINTY OF THE PIPE SIZES AND PIPE MATERIAL THAT ARE SHOWN ON THIS SURVEY. EXCAVATION BY A CERTIFIED CONTRACTOR IS THE ONLY WAY TO VERIFY PIPE SIZE AND MATERIAL. THE OWNER, HIS EMPLOYEES, HIS CONSULTANTS, HIS CONTRACTORS, AND/OR HIS AGENTS SHALL HEREBY DISTINCTLY UNDERSTAND THAT THE SURVEYOR IS NOT RESPONSIBLE FOR THE CORRECTNESS OR SUFFICIENCY OF THE PIPE INFORMATION SHOWN HEREON.

STATE WATERS AND BUFFERS AS SHOWN OR NOT SHOWN HEREON ARE SUBJECT TO REVIEW BY LOCAL JURISDICTION OFFICIALS. IT IS THE RESPONSIBILITY OF THE LOCAL AUTHORITY TO DETERMINE SPECIFIC WATER CLASSIFICATION. THEREFORE ERRAMARK LAND SURVEYING ACCEPTS NO RESPONSIBILITY IN THE IDENTIFICATION OF SAID WATERS OR BUFFERS IDENTIFIED OR NOT IDENTIFIED HEREON. PROPERTY IS SUBJECT TO RIGHTS OF UPPER AND LOWER RIPARIAN OWNERS IN AND TO THE WATER OF CREEKS AND BRANCHES CROSSING OR ADJOINING SUBJECT PROPERTY AND THE NATURAL FLOW THEREOF, FREE FROM DIMINUTION

THIS SURVEY WAS PREPARED FOR THE EXCLUSIVE USE OF THE PERSON, PERSONS OR ENTITY NAMED HEREON. THIS SURVEY DOES NOT EXTEND TO ANY UNNAMED PERSON PERSONS OR ENTITY WITHOUT THE EXPRESS CERTIFICATION BY THE SURVEYOR NAMING SAID PERSON, PERSONS OR ENTITY

FERRAMARK LAND SURVEYING, INC. DOES NOT WARRANT THE EXISTENCE OR NON -EXISTENCE OF ANY WETLANDS OR HAZARDOUS WASTE IN THE SURVEY ARFA

OR POLLUTION

SITE AREA

325,159 SQ.FT. OR

7.4646 AC.

TITLE NOTES

ACCORDING TO THE "FIRM" (FLOOD INSURANCE RATE MAP) OF DEKALB COUNTY. GEORGIA (PANEL NUMBER 13089C0016J), DATED MAY 16, 2013, NO PORTION OF THIS PROPERTY LIES WITHIN A SPECIAL FLOOD HAZARD AREA.

- . SUBJECT PROPERTY HAS ACCESS TO THE PUBLIC RIGHT OF WAY OF BARCLAY DRIVE.
- I. AS OF THE DATE OF THIS SURVEY, TITLE TO SUBJECT PROPERTY APPEARS TO LIE VESTED IN THE NAME OF DEKALB COUNTY BOARD OF EDUCATION, PER DEED RECORDED AMONG THE LAND RECORDS OF DEKALB COUNTY, GEORGIA IN DEED BOOK 4090, PAGE 145.
- PROPERTY IS SUBJECT TO ALL EASEMENTS AND RIGHTS OF WAY, RECORDED AND UNRECORDED.
- THIS SURVEY WAS PREPARED WITH THE BENEFIT OF A TITLE REPORT (COMMITMENT NO. ???????, COMMITMENT DATE OF ???? ??, 2016), PREPARED BY ??????? TITLE INSURANCE COMPANY, AND RECEIVED ON ???? ??, 2016. IN ADDITION, THE SURVEY REFLECTS APPLICABLE
- ENCUMBRANCES AND SPECIAL EXCEPTIONS SHOWN BELOW. RIGHT OF WAY DEED. RECORDED AMONG THE AFORSAID LAND RECORDS IN DEED BOOK 2160, PAGE 502. (DOES NOT AFFECT SUBJECT
- PROPERTY) RIGHT OF WAY DEED, RECORDED AMONG THE AFORSAID LAND RECORDS IN DEED BOOK 2160, PAGE 505. (AFFECTS SUBJECT
- PROPERTY FOR MAINTENANCE OF ROAD, BLANKET IN NATURE) RIGHT OF WAY DEED. RECORDED AMONG THE AFORSAID LAND RECORDS IN DEED BOOK 2281, PAGE 677. (DOES NOT AFFECT SUBJECT
- PROPERTY) RIGHT OF WAY DEED, RECORDED AMONG THE AFORSAID LAND RECORDS IN DEED BOOK 2281, PAGE 680. (AFFECTS SUBJECT
- PROPERTY FOR MAINTENANCE OF ROAD, BLANKET IN NATURE) RIGHT OF WAY DEED, RECORDED AMONG THE AFORSAID LAND RECORDS IN DEED BOOK 2482, PAGE 531. (DOES NOT AFFECT SUBJECT
- PROPERTY) DEPARTMENT OF TRANSPORTATION DRAINAGE EASEMENT, RECORDED AMONG THE AFORSAID LAND RECORDS IN DEED BOOK 2823, PAGE 431.
- (DOES NOT AFFECT SUBJECT PROPERTY) RIGHT OF WAY DEED, RECORDED AMONG THE AFORSAID LAND RECORDS IN DEED BOOK 3012, PAGE 579. (DOES NOT AFFECT SUBJECT
- PROPERTY) LEASE, RECORDED AMONG THE AFORSAID LAND RECORDS IN DEED BOOK 3455, PAGE 243. (DOES NOT AFFECT SUBJECT PROPERTY)
- LEASE AGREEMENT, RECORDED AMONG THE AFORSAID LAND RECORDS IN DEED BOOK 4239, PAGE 475. (DOES NOT AFFECT SUBJECT PROPERT
- AFFIDAVIT, RECORDED AMONG THE AFORSAID LAND RECORDS IN DEED BOOK 4343, PAGE 390. (MAY AFFECT SUBJECT PROPERTY, UNABLE TO DETERMINE ACTUAL LOCATION, ATTACHMENT NOT PROVIDED) DEKALB COUNTY SEWER EASEMENT, RECORDED AMONG THE
- AFORSAID LAND RECORDS IN DEED BOOK 6165, PAGE 326. (DOES NOT AFFECT SUBJECT PROPERTY) DRAINAGE EASEMENT, RECORDED AMONG THE AFORSAID LAND
- RECORDS IN DEED BOOK 7474, PAGE 676. (DOES NOT AFFECT SUBJECT EASEMENT, RECORDED AMONG THE AFORSAID LAND RECORDS IN
- DEED BOOK 18615, PAGE 483. (AFFECTS SUBJECT PROPERTY, UNABLE O DETERMINE ACTUAL LOCATION) QUITCLAIM DEED, RECORDED AMONG THE AFORSAID LAND RECORDS IN DEED BOOK 22098, PAGE 735. (AFFECTS SUBJECT PROPERTY,
- SHOWN ON SURVEY) UNDERGROUND EASEMENT, RECORDED AMONG THE AFORSAID LAND RECORDS IN DEED BOOK 25429, PAGE 383. (DOES NOT AFFECT

SUBJECT PROPERTY

SITE INFORMATION

CURRENT OWNER: DEKALB COUNTY BOARD OF EDUCATION DB. 4090 PG. 145 TAX PARCEL ID # 18 354 14 003 ADDRESS: 4664 NORTH PEACHTREE ROAD ZONING: R-85 JURISDICTION: CITY OF DUNWOODY

SETBACKS: FRONT 35'

SIDE 8.5' REAR 40'

UTILITY NOTES

THE UNDERGROUND UTILITIES SHOWN HEREON ARE BASED ON LOCATION OF MARKINGS PROVIDED BY:

- UTILISURVEY, LLC 154 GRANT ROAD FAYETTEVILLE, GA. 30215
- PHONE: 404-312-6912 ATTENTION: HANS WONNEBERGER

THE UNDERGROUND UTILITIES (EXCEPT THE LOCATION OF EXISTING DRAINAGE, SEWER, AND IRRIGATION UTILITIES AS WELL AS UNDERGROUND STORAGE TANKS) WERE LOCATED BY UTILISURVEY, LLC. UTILIZING RADIO FREQUENCY TECHNIQUE AND IN ACCORDANCE TO LEVEL "B" UTILITY LOCATION CRITERIA. THIS TECHNIQUE IS CAPABLE OF LOCATING METALLIC UTILITIES AND TRACER WIRES. ANY NON- METALLIC UTILITIES (WITHOUT TRACER WIRE) ARE NOT LOCATED.

THE SURVEYOR MAKES NO GUARANTEES THAT THE UNDERGROUND UTILITIES SHOWN COMPRISE ALL SUCH UTILITIES IN THE AREA. EITHER IN- SERVICE OR ABANDONED, UNDERGROUND UTILITIES NOT OBSERVED OR LOCATED UTILIZING THIS TECHNIQUE MAY EXIST ON THIS SITE BUT ARE NOT SHOWN, AND MAY BE FOUND UPON EXCAVATION. THE SURVEYOR FURTHER DOES NOT WARRANT THAT THE UNDERGROUND UTILITIES SHOWN ARE IN THE EXACT LOCATION INDICATED ALTHOUGH THE SURVEYOR DOES CERTIFY THAT THEY ARE LOCATED AS ACCURATELY AS POSSIBLE FROM INFORMATION AVAILABLE.

INFORMATION REGARDING MATERIAL AND SIZE OF UTILITIES IS BASED ON RECORDS ACQUIRED FROM THE UTILITY OWNERS.

UTILITY PROVIDERS

SOUTHERN COMPANY GAS FORMER ATLANTA GAS LIGHT) 10 PEACHTREE STREET NE ATLANTA, GA 30309 MARTIN MAREK (404) 584-4126 POWER

GEORGIA POWER COMPANY 823 JEFFERSON STREET ATLANTA. GA 30318 (404) 506-4569 IKE COLLINS

CITY OF DUNWOODY ELECTRIC 41 PERIMETER CENTER EAST, SUITE 250 DUNWOODY, GA 30346 (678) 382-6700

WATER DEKALB COUNTY WATER & SEWER DEPARTMENT 1572 MEMORIAL DRIVE

770) 724-1404

DECATUR, GA 30032 770) 612-7222 **JEFÉREY WOODS**

IDWOODS@DEKALBCOUNTYGA.GOV

AT&T 208 S. AKARD ST. DALLAS, TX 75202 (210) 821-4105 ANGELO HINES (770) 784-3972

COMMUNICATION

COMCAST 770) 559-6879 SANDRA ANDREWS

ZAYO FIBER SOLUTIONS 400 CENENNIAL PKWY, SUITE 200 LOUISVILLE, CO 80027 678) 666-2493 NIC FLORES

CITY OF DUNWOODY TELECOM 41 PERIMETER CENTER EAST, SUITE 250 DUNWOODY, GA 30346 (678) 382-6700

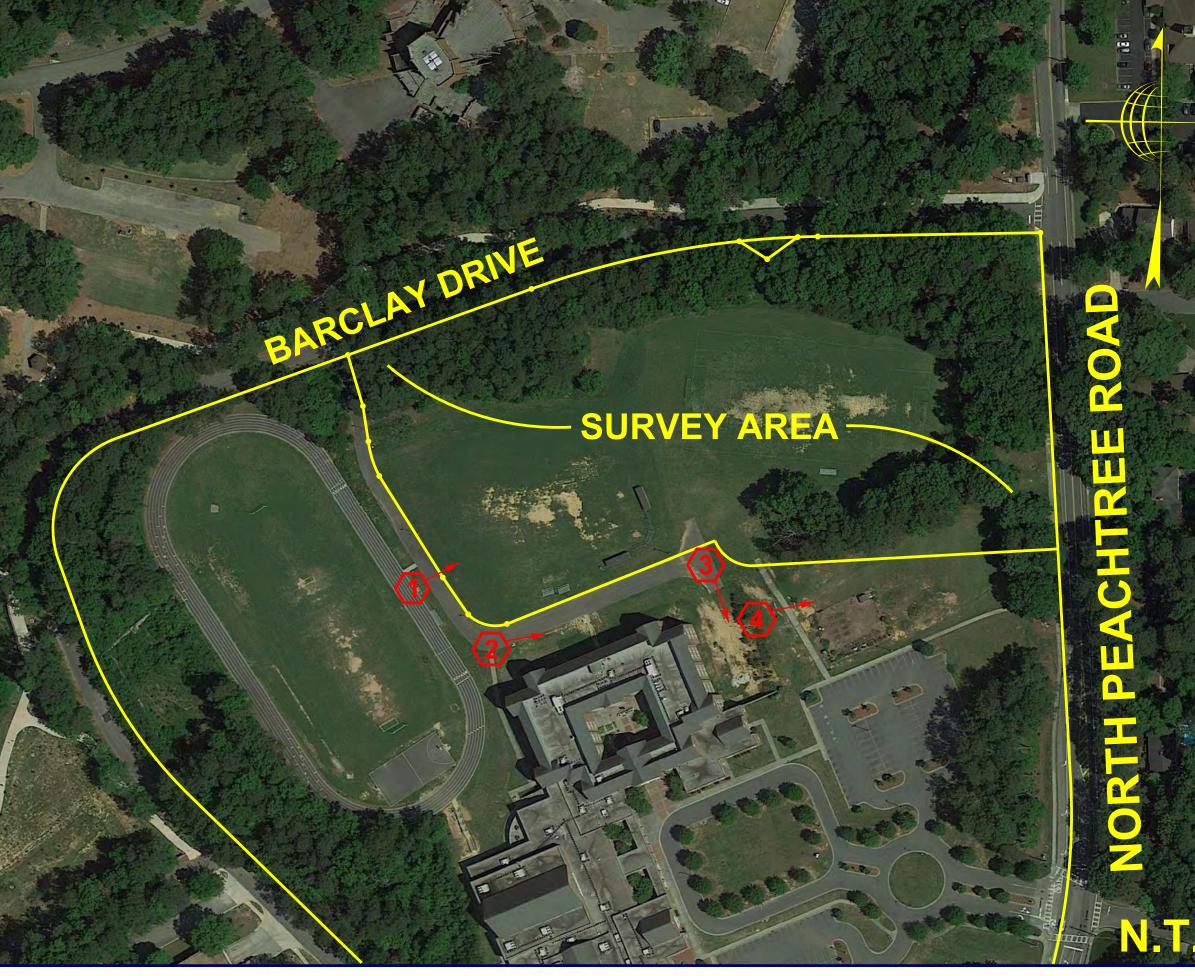


PHOTO #1

ALTA/NSPS LAND TITLE SURVEY FOR THE CITY OF DUNWOODY & OLD REPUBLIC TITLE INSURANCE COMPANY (PEACHTREE CHARTER MIDDLE SCHOOL)

LOCATED IN LAND LOT 354, 18TH DISTRICT CITY OF DUNWOODY, DEKALB COUNTY, GEORGIA

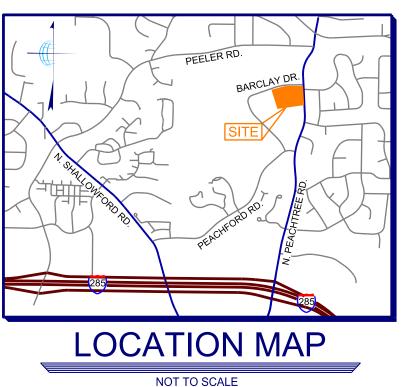
SITE MAP



AERIAL IMAGE PROVIDED BY GOOGLE EARTH IMAGERY DATED MAY 7, 2016







LAT - 33°55'57.45"N LONG - 84°17'46.53"W



BENCHMARK DETAIL #1



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TITLE

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BENCHMARK DETAIL #2

PROPERTY DESCRIPTION

Being all that tract or parcel of land lying and being in Land Lot 354, 18th District, DeKalb County, Georgia and being more particularly described as follows: eginning for the same at a ½ inch rebar found at the intersection of the South Line of Barclay Drive (an apparent 60 feet wide right of way) and the Westerly Right-of-Way Line of North

- Peachtree Road (an apparent 70 feet wide right of way); thence, leaving said Point of Beginning and running with the said line of North Peachtree Road 1. South 03° 09' 00" East, 397.47 feet; thence, leaving the aforesaid line of North Peachtree
- Road and running South 86° 51' 00" West, 381.66 feet, thence, 62.26 feet along the arc of a curve deflecting to the right, having a radius of 50.00 feet and
- a chord bearing and distance of North 57° 28' 39" West, 58.32 feet; thence, South 68° 11' 42" West, 281.06 feet, thence,
- 52.75 feet along the arc of a curve deflecting to the right, having a radius of 47.50 feet and a chord bearing and distance of North 76° 17' 13" West, 50.08 feet; thence, North 34° 28' 37" West, 56.27 feet, thence, North 32° 03' 41" West, 150.30 feet; thence,
- 45.70 feet along the arc of a curve deflecting to the right, having a radius of 120.00 feet and a chord bearing and distance of North 17° 28' 30" West, 45.43 feet; thence, North 08° 51' 33" West, 44 92 feet, thence, North 16° 24' 42" West, 66.79 feet to a point on the aforesaid line of Barclay Drive; thence
- running with the said line of Barclay Drive North 70° 12' 00" East. 244.86 feet. thence. 268.09 feet along the arc of a curve deflecting to the right, having a radius of 1,115.93 feet and a chord bearing and distance of North 77° 04' 57" East, 267.45 feet, thence, leaving
- the aforesaid line of Barclay Drive and running South 57° 28' 21" East, 41.68 feet, thence, North 54° 01' 45" East, 47.21 feet to a point on the aforesaid line of Barclay Drive, thence,
- running with the said line of Barclay Drive 25.16 feet along the arc of a curve deflecting to the right, having a radius of 1,115.93 feet and a chord bearing and distance of North 88° 23' 15" East, 25.16 feet, thence, North 89° 02' 00" East, 279.56 feet to the Point of Beginning, containing 325,159 square feet or 7.4646 acres of land, more or less.
- Property is subject to all easements and rights of way recorded and unrecorded.

REFERENCE MATERIAL

- 1. QUITCLAIM DEED FOR THE DEKALB COUNTY BOARD OF EDUCATION RECORDED IN DB. 4090 PG. 145 AMONG THE LAND RECORDS OF DEKALB COUNTY, GEORGIA
- 2. RIGHT OF WAY DEED FOR DEKALB COUNTY RECORDED IN DB. 2281 PG. 680 AFORSAID RECORDS
- 3. QUITCLAIM DEED FOR THE CITY OF DUNWOODY ECORDED IN DB. 22098 PG. 735
- AFORSAID RECORDS 4. SURVEY FOR THE DEKALB COUNTY BOARD OF EDUCATION PREPARED BY WATTS & BROWNING ENGENEERS
- DATED JUNE 4, 1970 SURVEYOR'S CERTIFICATE

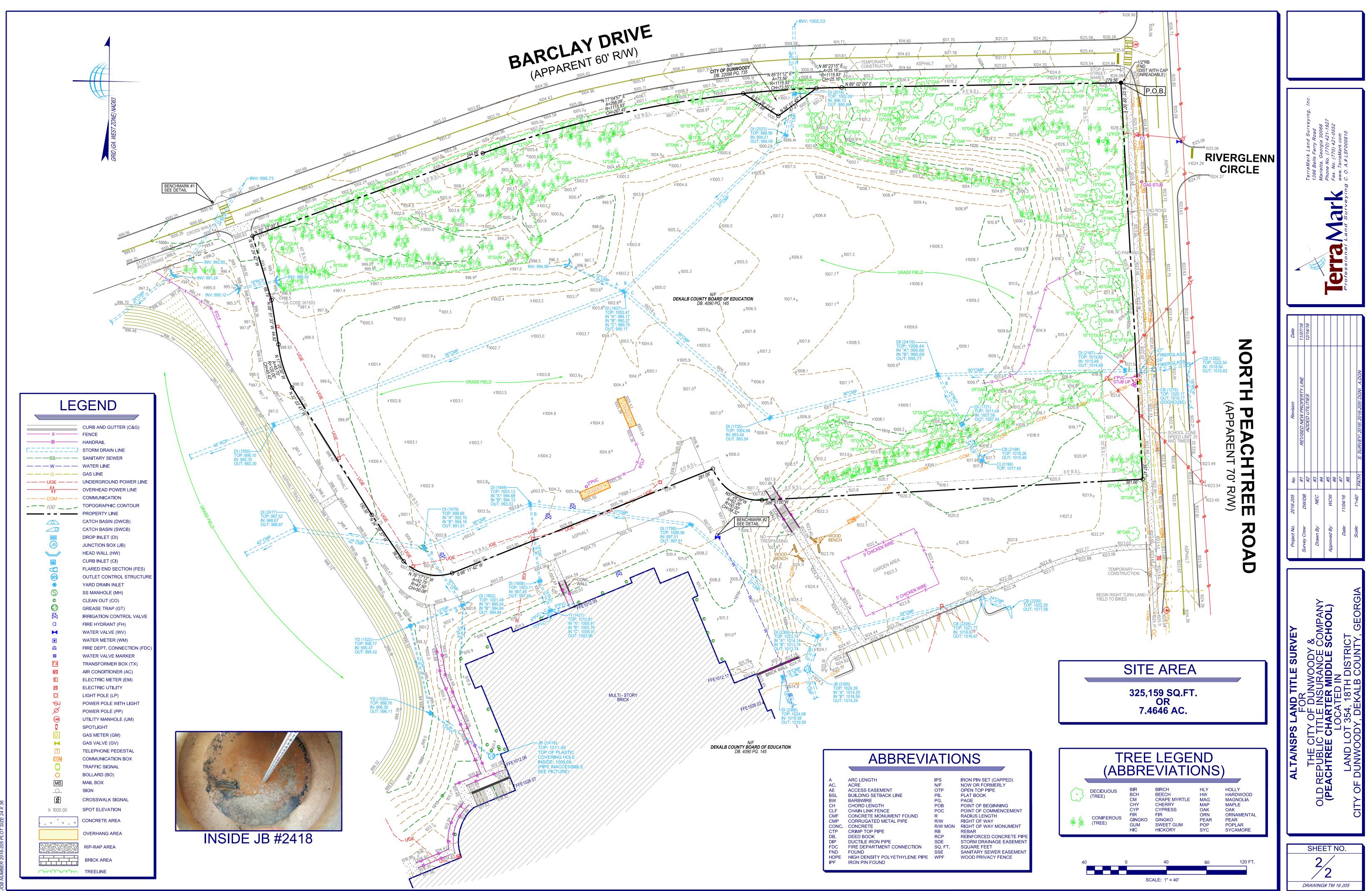
TO: THE CITY OF DUNWOODY & OLD REPUBLIC TITLE INSURANCE COMPANY

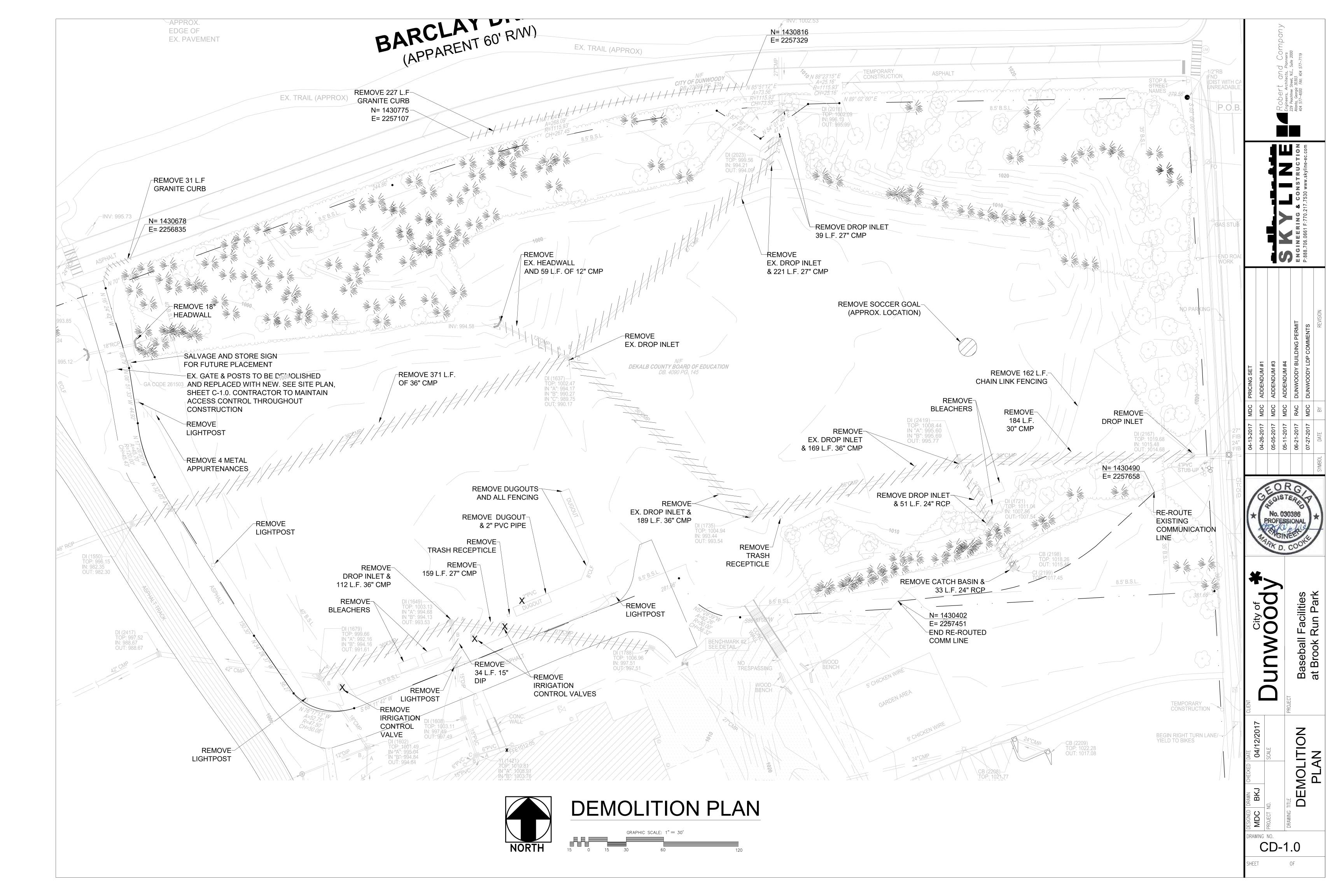
WILLIAM C. WOHLFORD, JR., RLS REGISTERED NUMBER: 2577

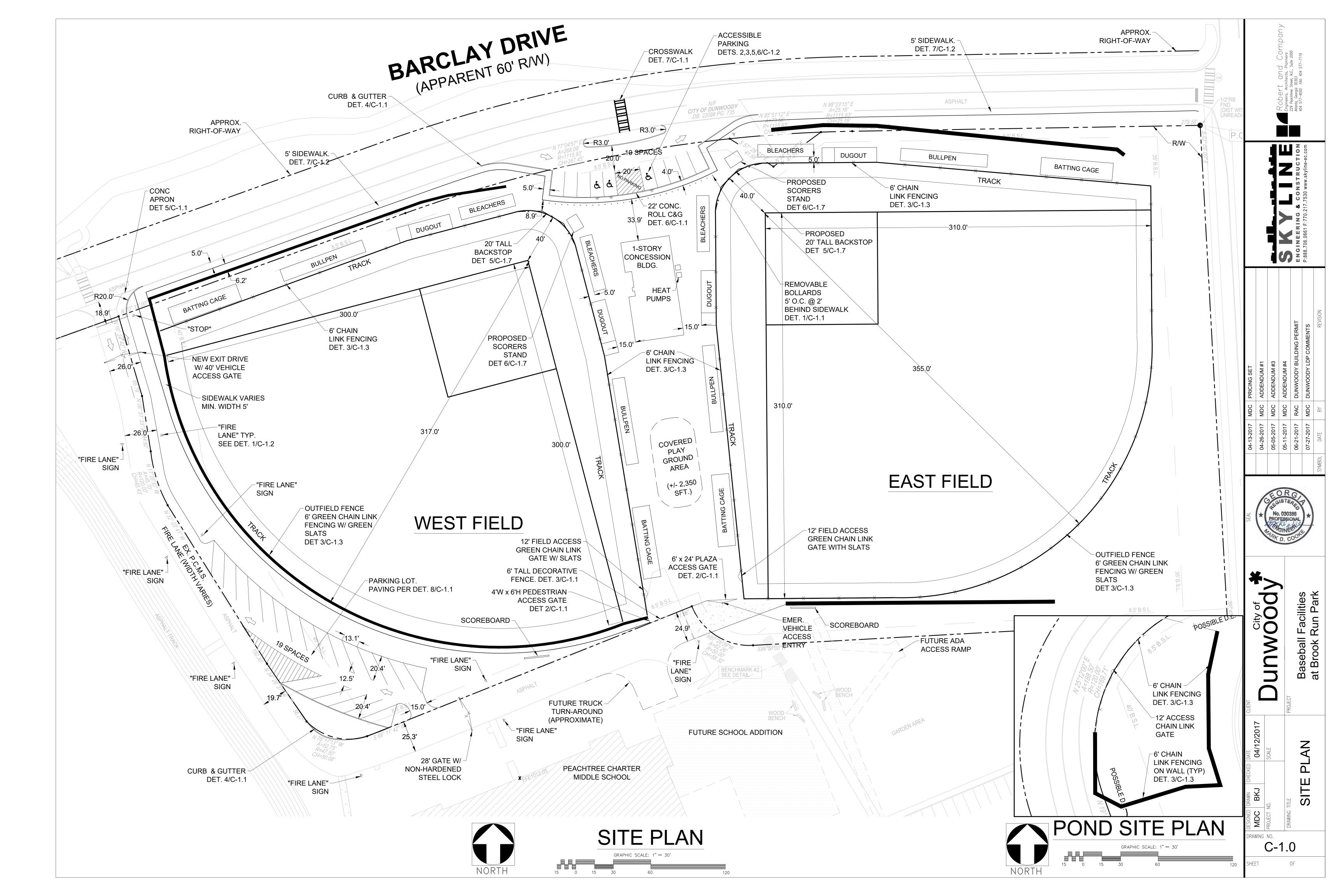
THIS IS TO CERTIFY THAT THIS MAP OR SURVEY AND THE SURVEY ON WHICH IT IS BASED WERE MADE IN ACCORDANCE WITH THE 2016 MINIMUM STANDARD DETAIL REQUIREMENT FOR ALTA / NSPS LAND TITLE SURVEYS, JOINTLY ESTABLISHED AND ADOPTED BY ALTA AND NSPS. AND INCLUDES ITEMS 1,2,3,4,5,6(b),7(a),7(b1),7(c),8,9,10,11(a),13,14 & 16 OF TABLE A THEREOF, THE FIELD WORK WAS COMPLETED ON NOVEMBER 2, 2016 THE DATE OF THE SURVEY OR MAP NOVEMBER 4, 2016.

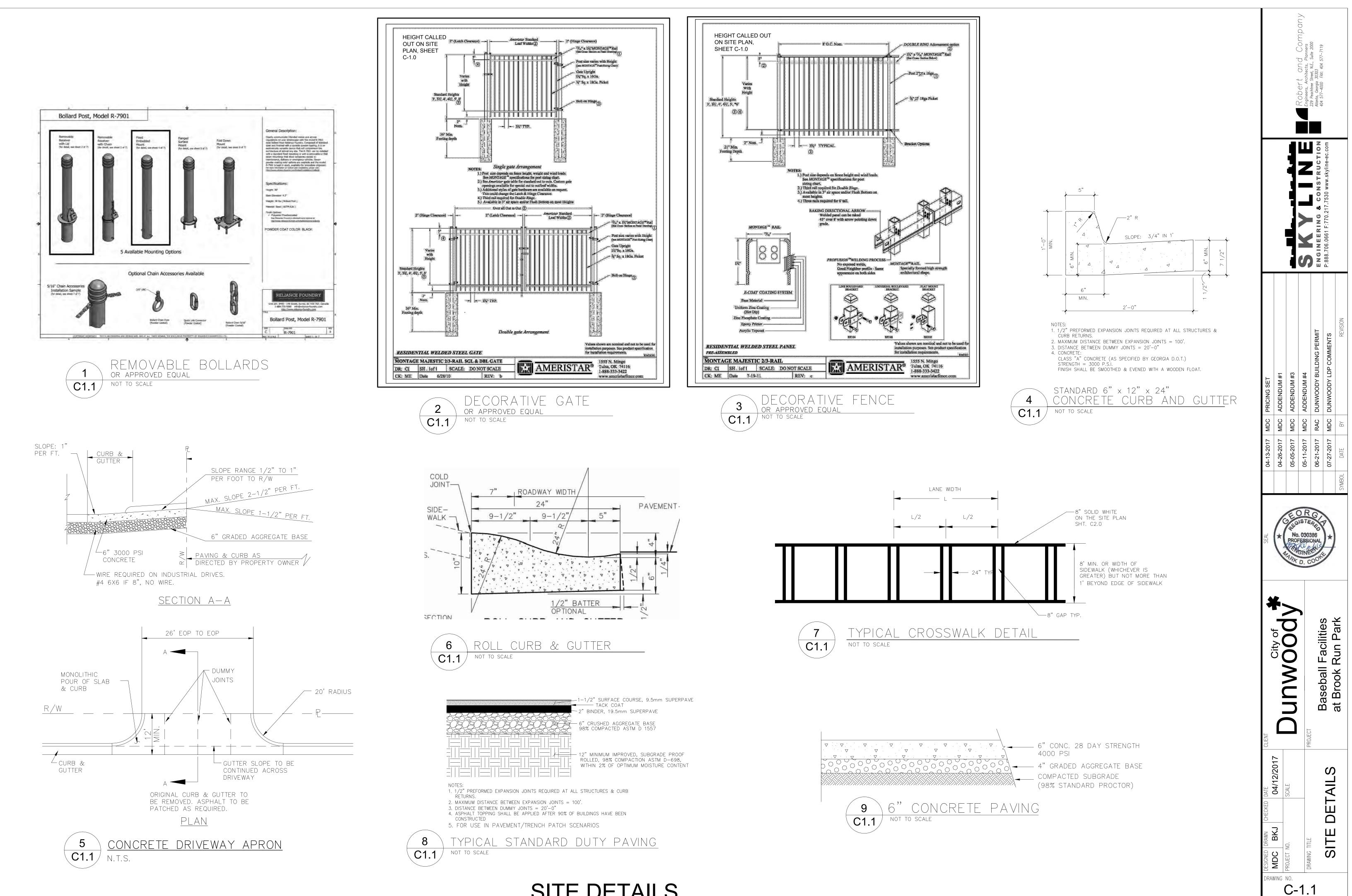








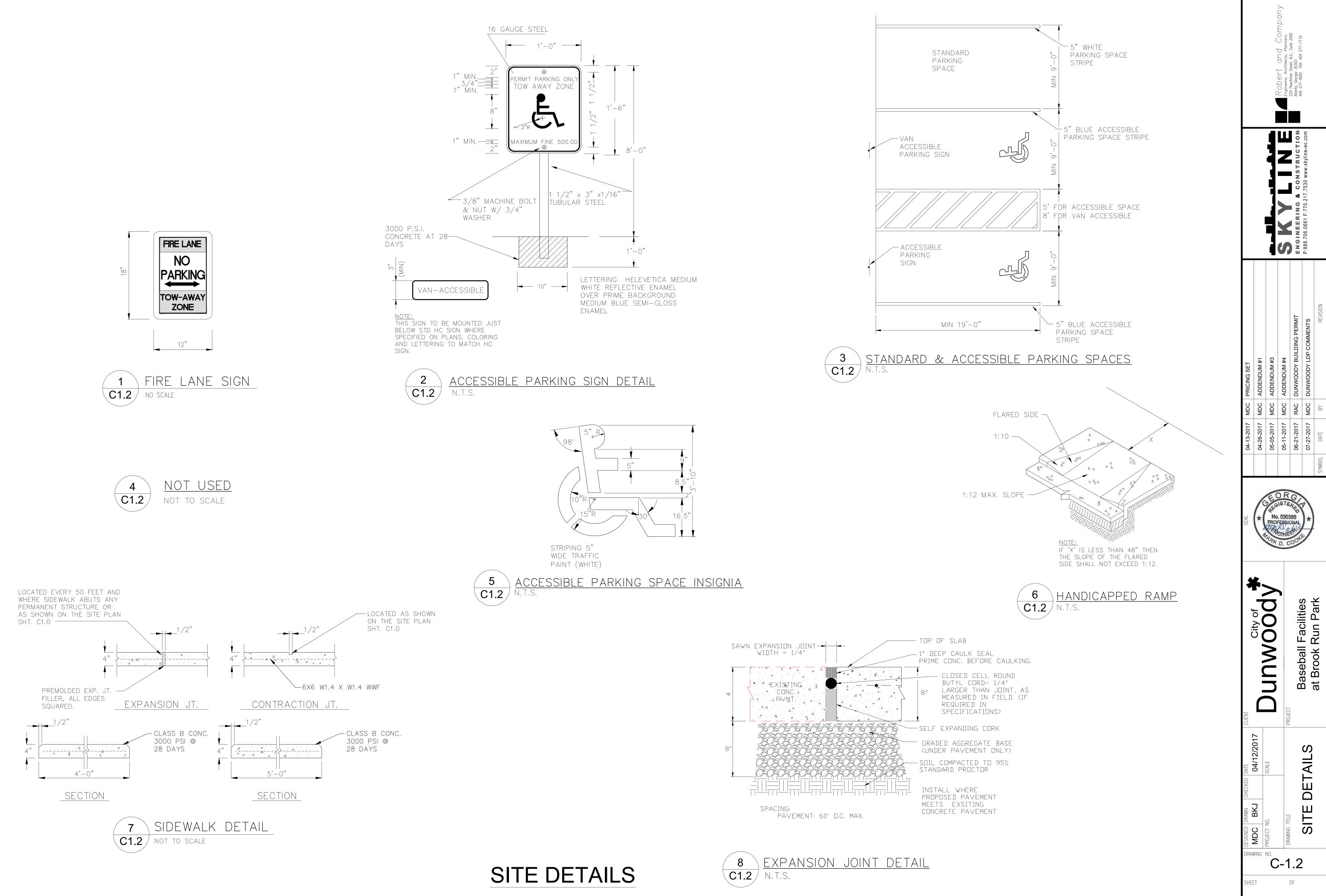


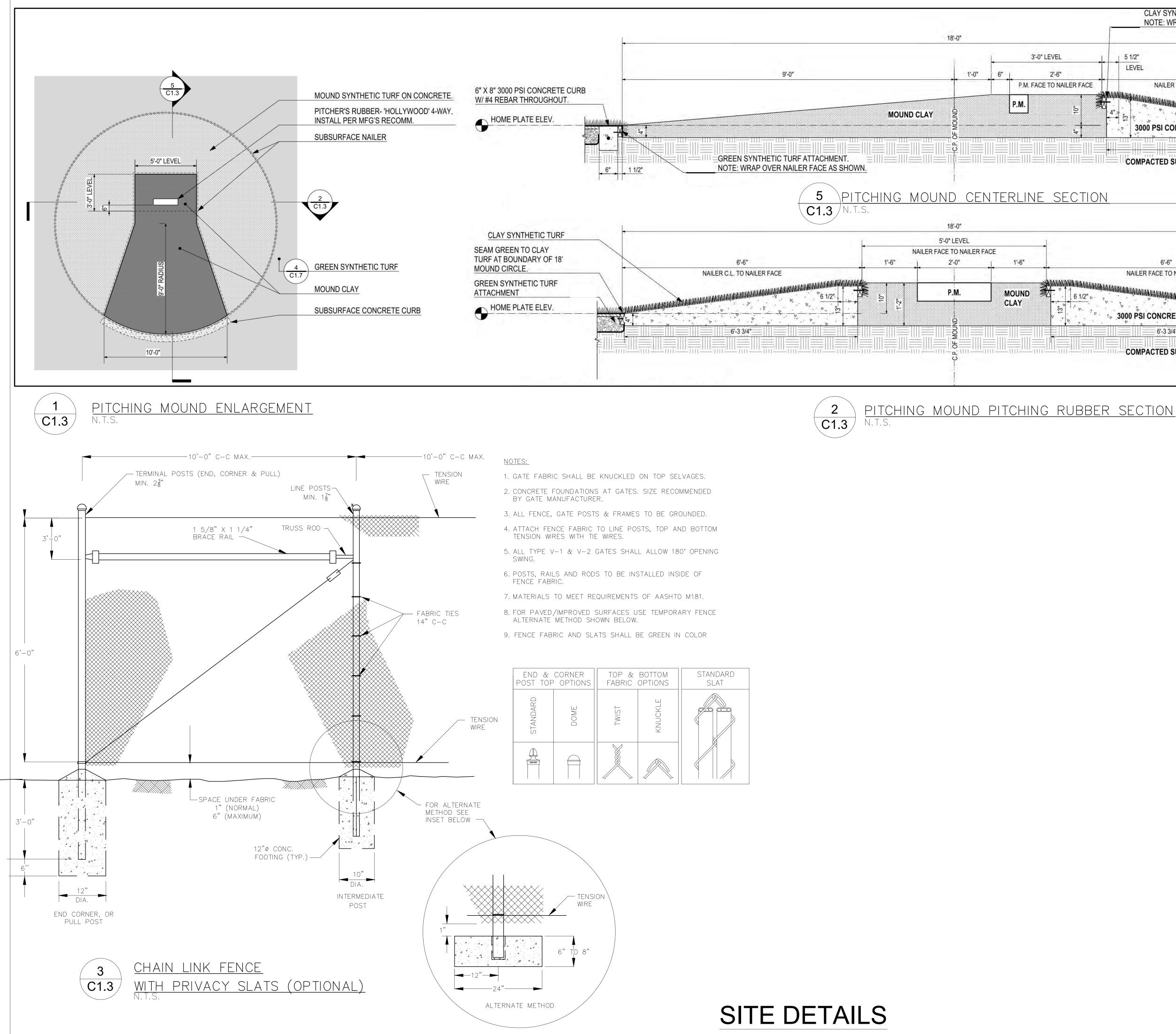


SITE DETAILS

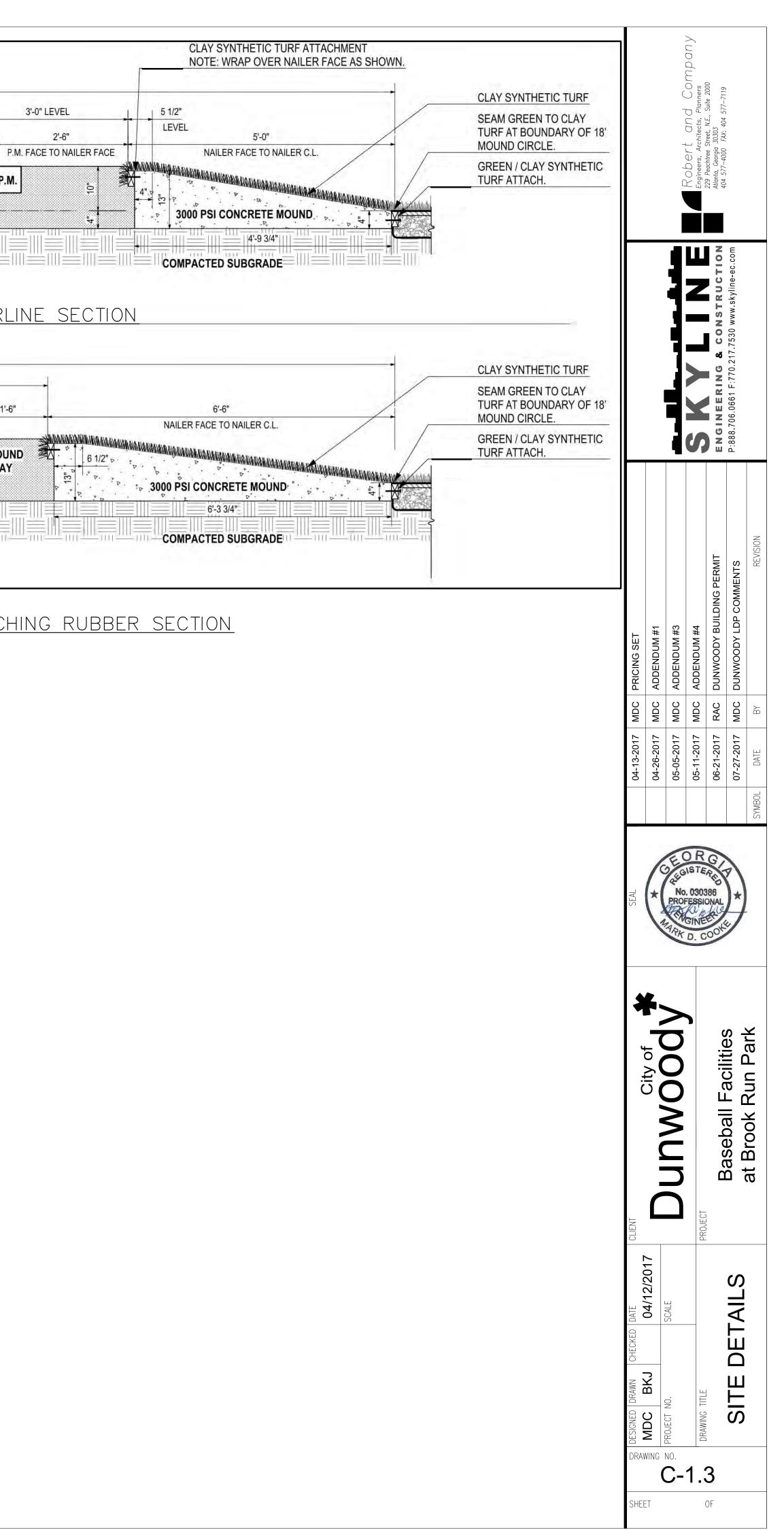
SHEET

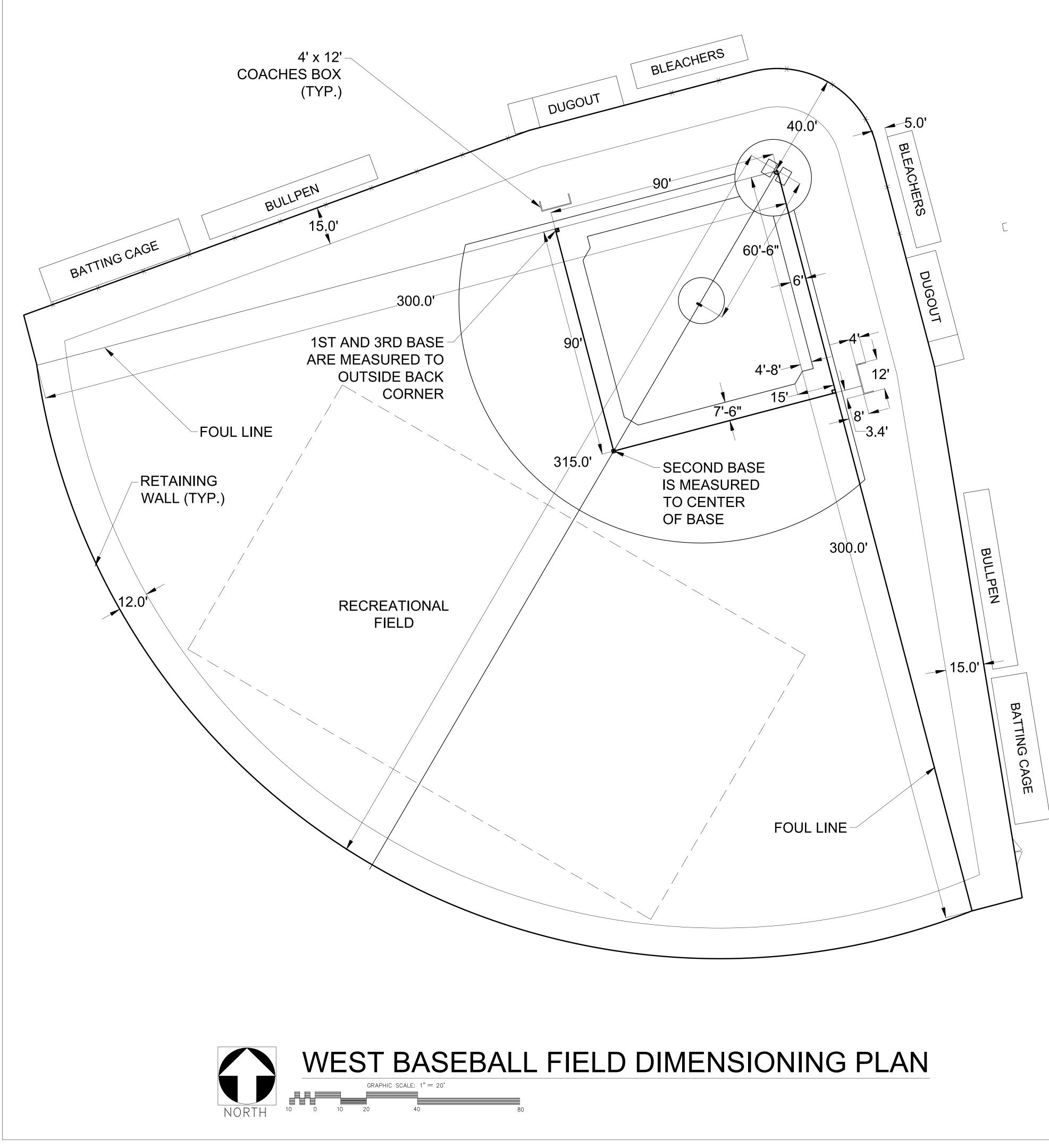
OF



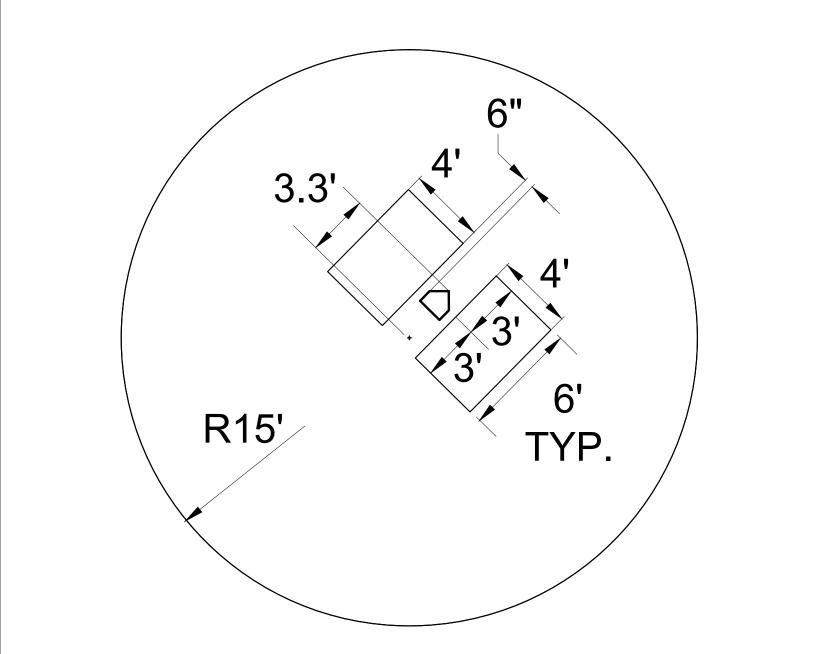


PITCHING MOUND CENTERLINE SECTION





$7\frac{1}{2}$ "



- EQUIVALENT.
- PROVIDED TO CONTRACTOR PRIOR TO CONSTRUCTION.
- REMOVABLE BÁSES.

A. THE EAST BASEBALL FIELD IS DIMENSIONED FOR BOTH SENIOR LEAGUE PLAY AND SOFTBALL PLAY. FIELD MEASURES 300' FROM THE APEX OF HOME PLATE DOWN THE LINE, TO THE OUTFIELD FENCE. THE FIELD HAS 90' BASE PATHS DISTANCES AS SHOWN.

B. SEE DRAWING C-1.0 FOR STAKING INFORMATION. CONTRACTOR SHALL ENSURE PROPER LOCATION OF ALL FIELD FENCING, AND EXACT LOCATION OF THE APEX OF HOME PLATE(S) PRIOR TO CONSTRUCTION. LAYOUT OF FIELDS SHALL ORIGINATE AT THE ESTABLISHED APEX OF HOME PLATE(S). C. RADIUS OF PITCHER'S MOUND IS 18" IN FRONT OF RUBBER. REFER TO DRAWING C-1.3 FOR DETAILS ON CONSTRUCTION OF PITCHER'S MOUND. D. PITCHING DISTANCE SHALL BE 60'-6" FROM THE LEADING EDGE OF THE PITCHER'S RUBBER TO THE APEX OF HOME PLATE.

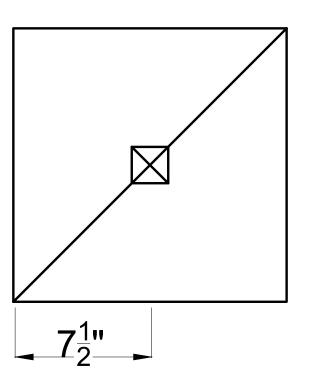
E. HOME PLATE(S) AND BASES FOR EACH FIELD SHALL BE SUPPLIED AND INSTALLED BY THE CONTRACTOR. BASES SHALL BE 15" SQUARE

F. FOUL LINES, BASE LINES, BATTER'S BOX AND COACH'S BOXES AS INDICATED ON THE PLAN SHALL BE MARKED WITH DESIGNATED COLORS

G. INFIELD TURF SHALL BE SHAW SPORTSTURF "TRUHOP 46" OR EQUIVALENT. OUTFIELD TURF SHALL BE SHAW SPORTSTURF "TRUHOP 50" OR

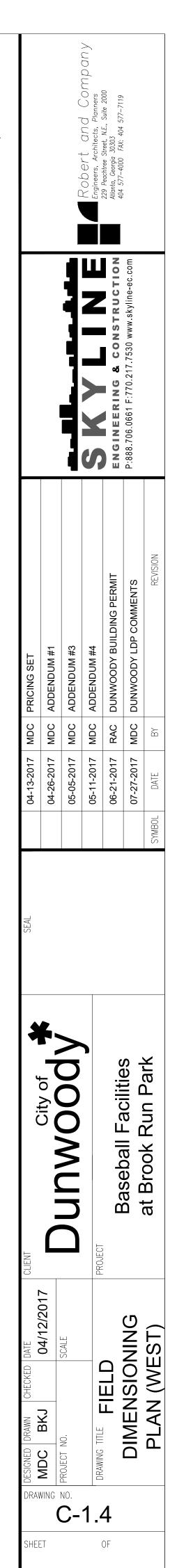
H. REFER TO SHEET C-1.5 FOR INFORMATION ON POSTS FOR BASES.

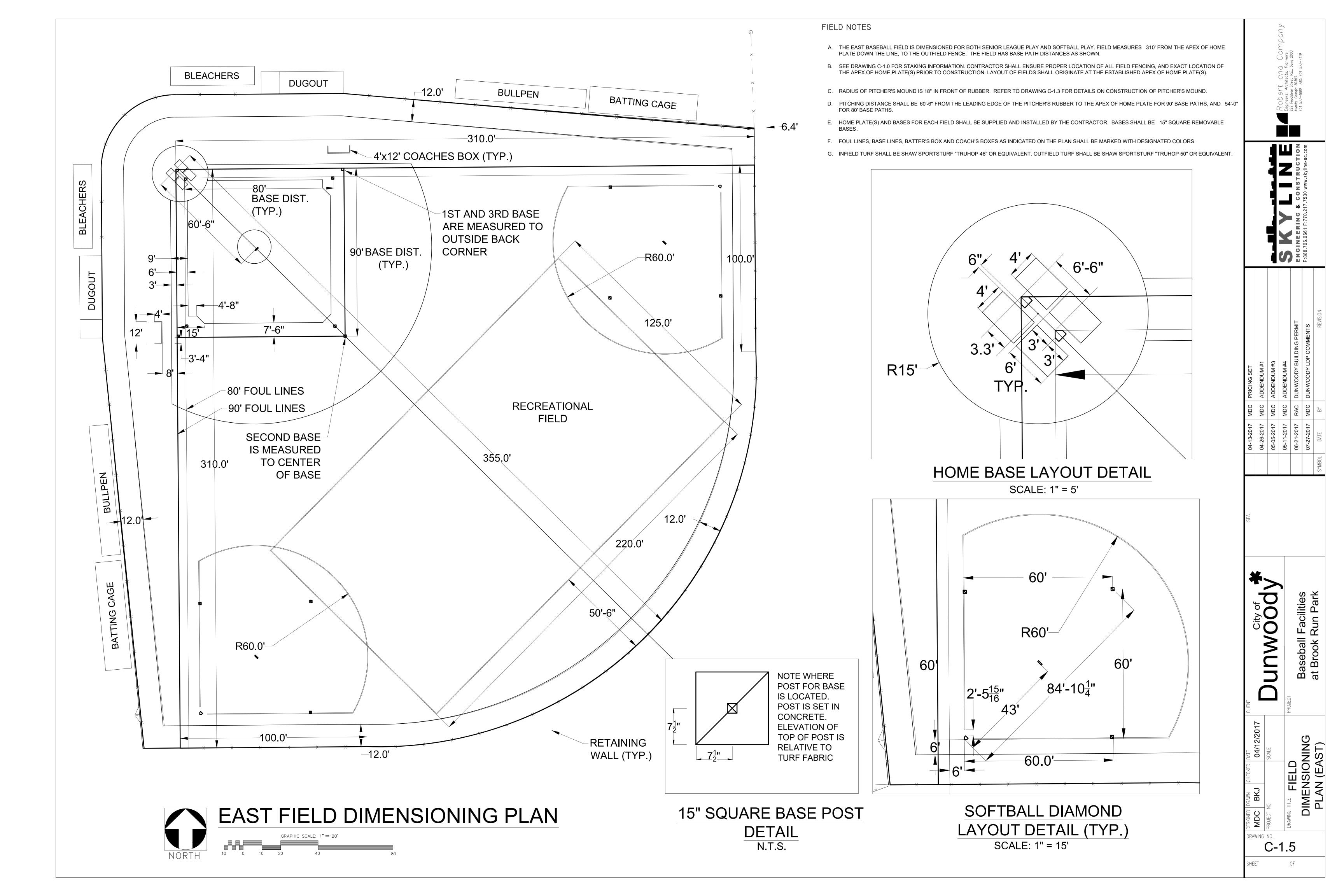
HOME BASE LAYOUT DETAIL SCALE: 1" = 5'

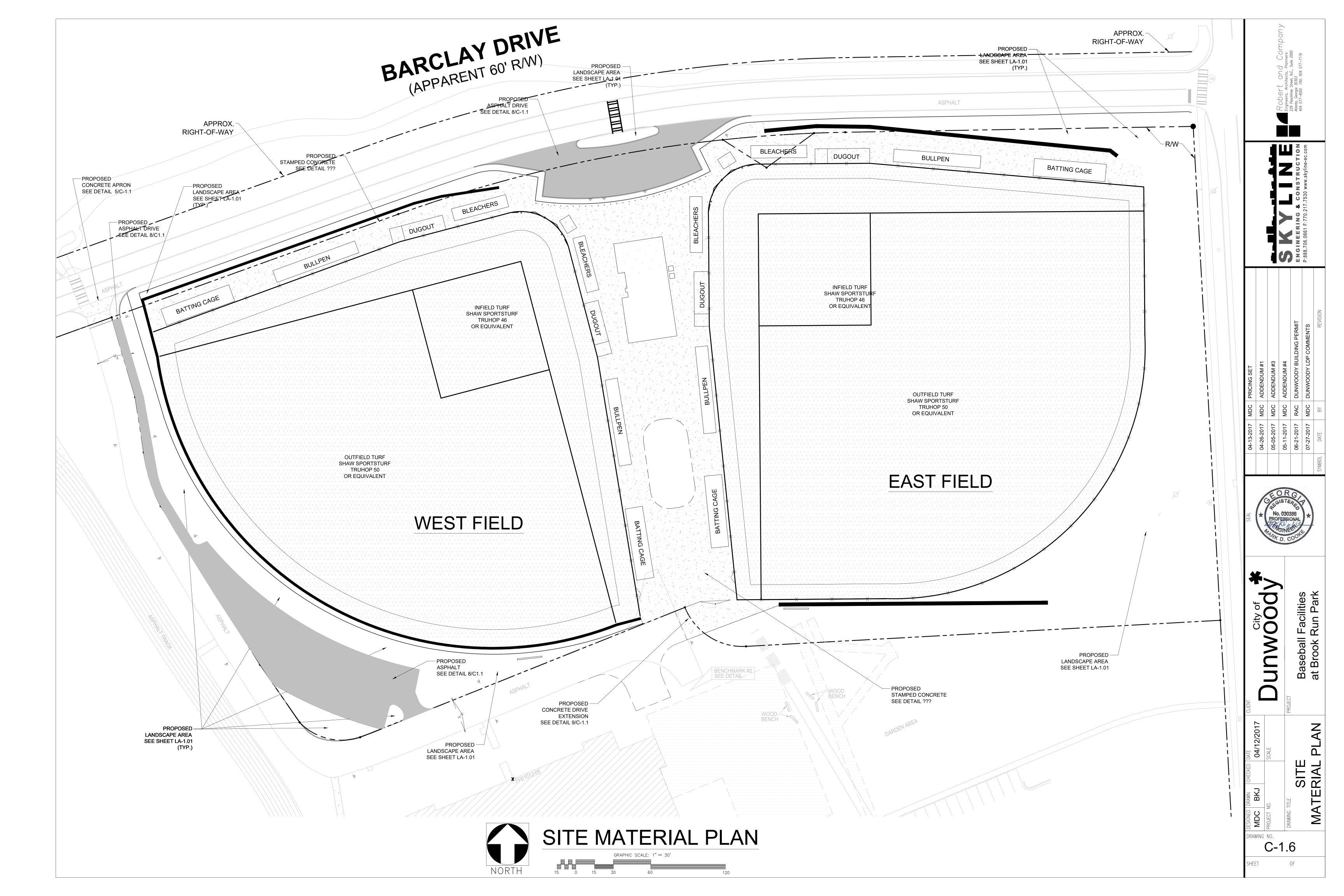


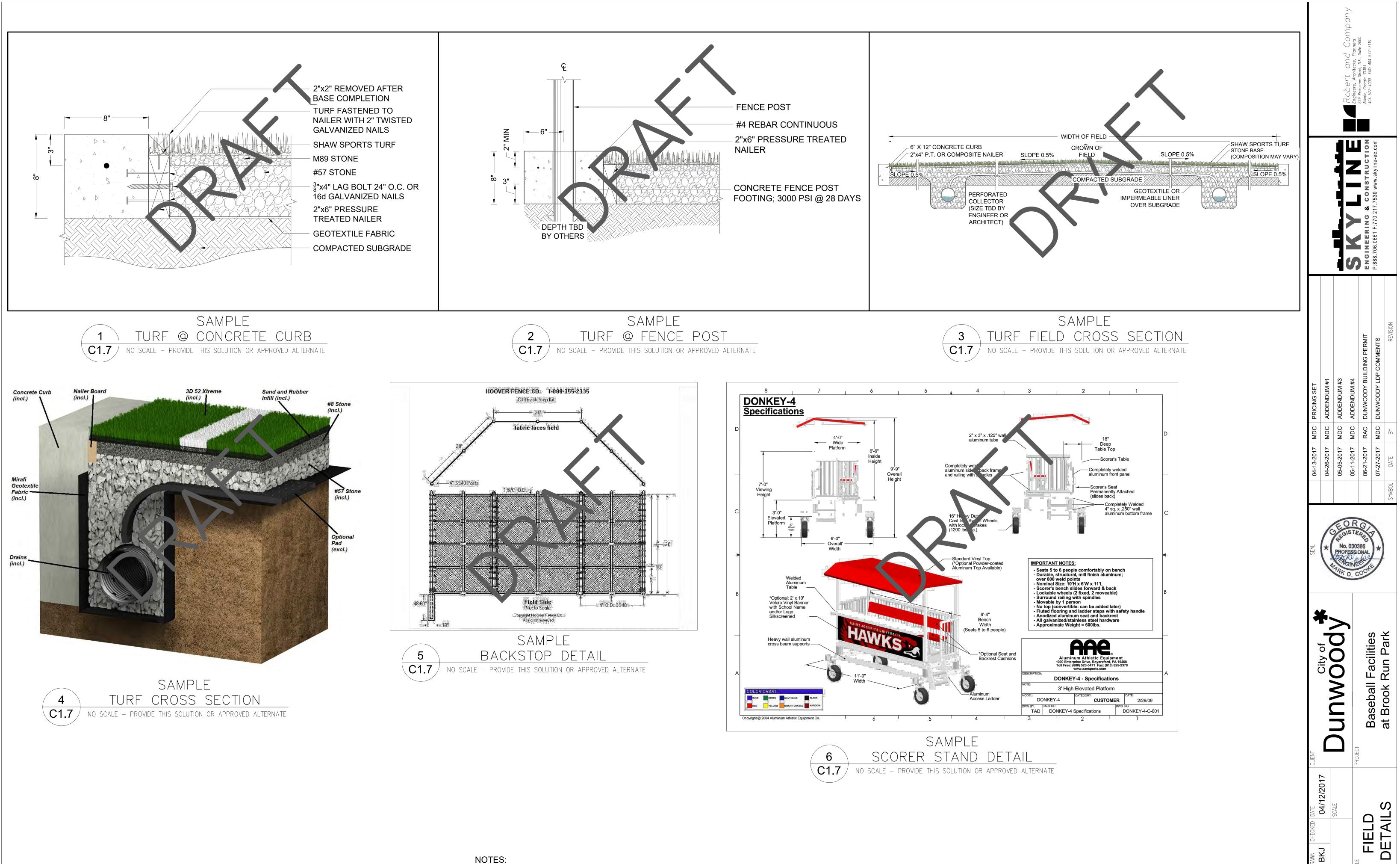
NOTE WHERE POST FOR BASE IS LOCATED. POST IS SET IN CONCRETE. ELEVATION OF TOP OF POST IS **RELATIVE TO** TURF FABRIC

15" SQUARE BASE POST DETAIL N.T.S.









NOTES:

- 1. ALL DETAILS SHOWN ON THIS SHEET ARE FOR REFERENCE ONLY (NOT FOR CONSTRUCTION).
- 2. AWARDED CONTRACTOR SHALL COORDINATE WITH TURF MANUFACTURER FOR TURF DETAILS AND DRAINAGE SOLUTIONS.
- 3. TURF MANUFACTURER DETAILS SHALL SUPERCEDE ALL DETAILS SHOWN ON THIS SHEET.

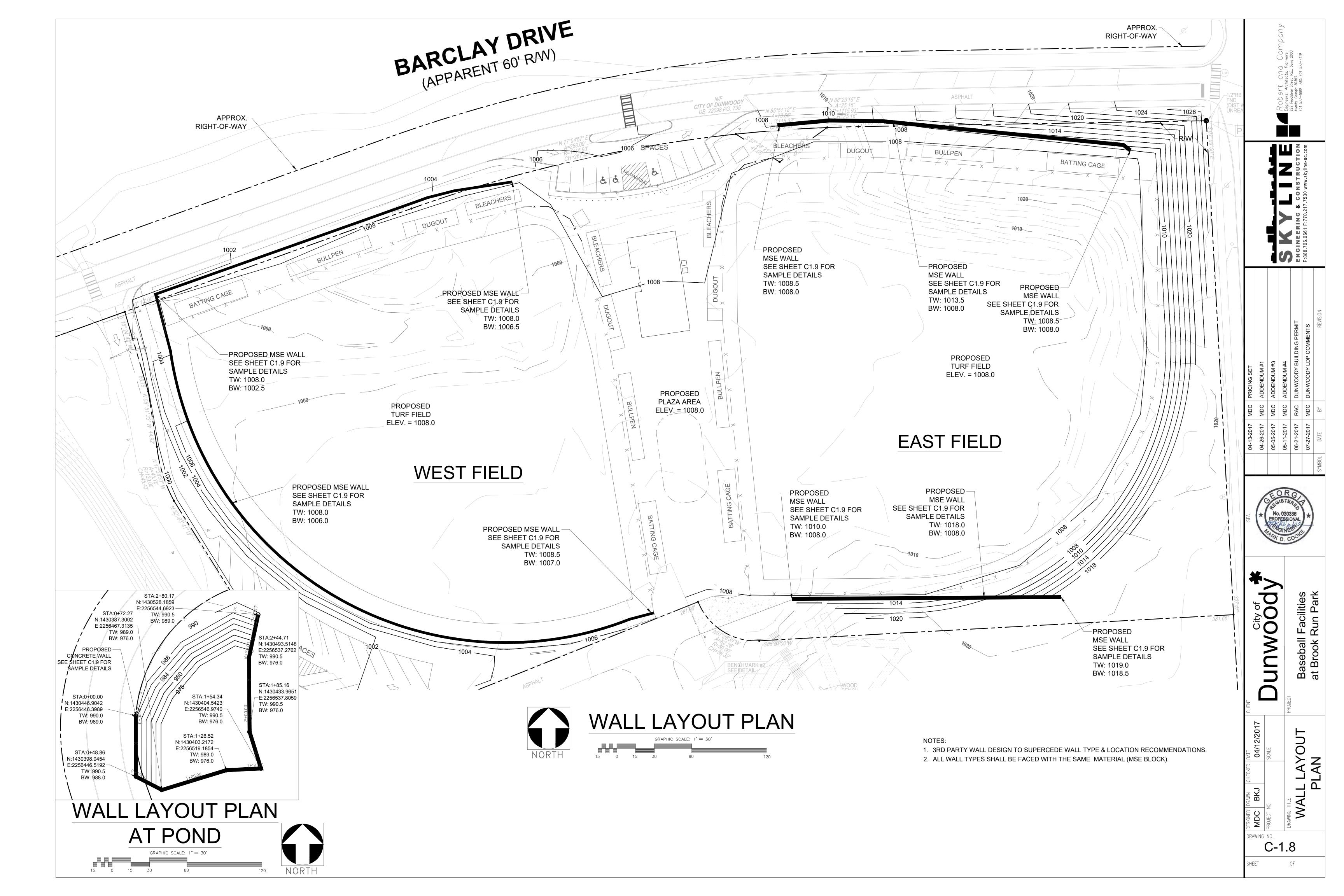
SHEET

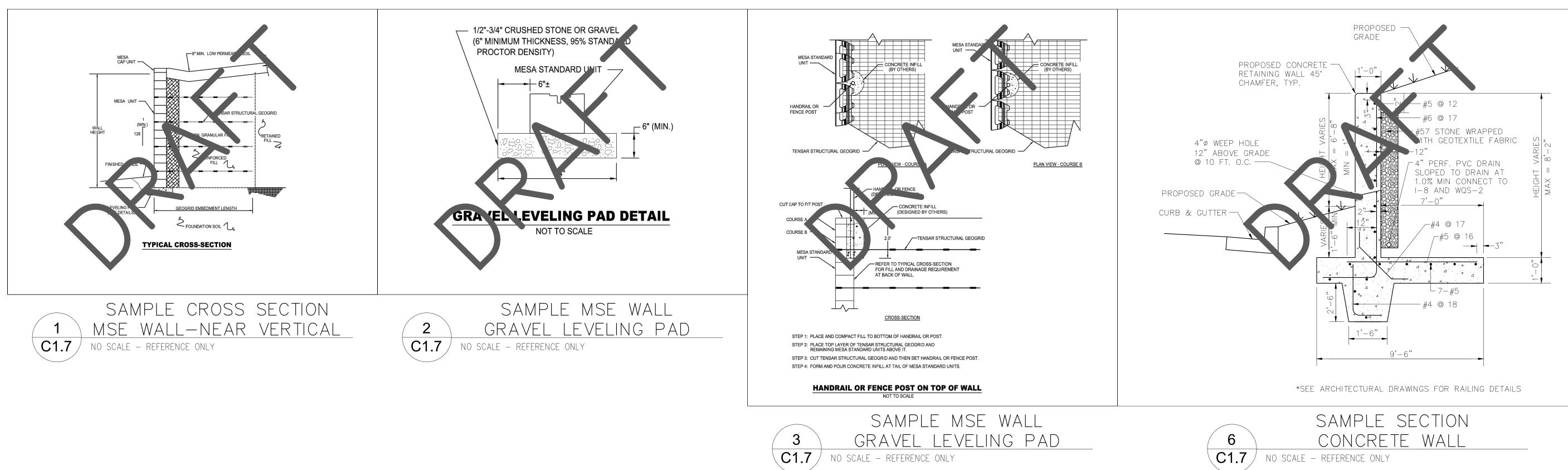
MDC

RAWING NO.

C-1.7

OF

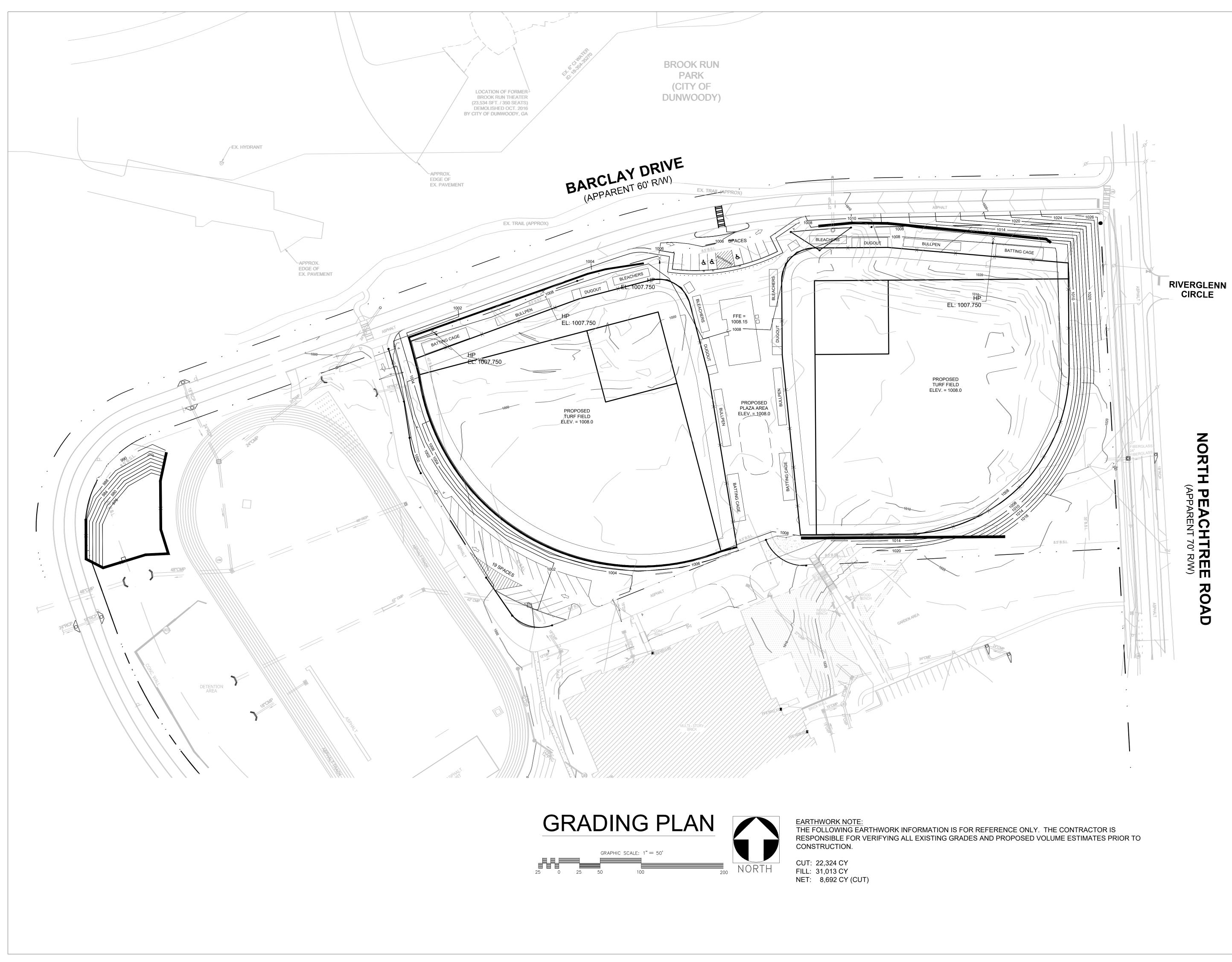


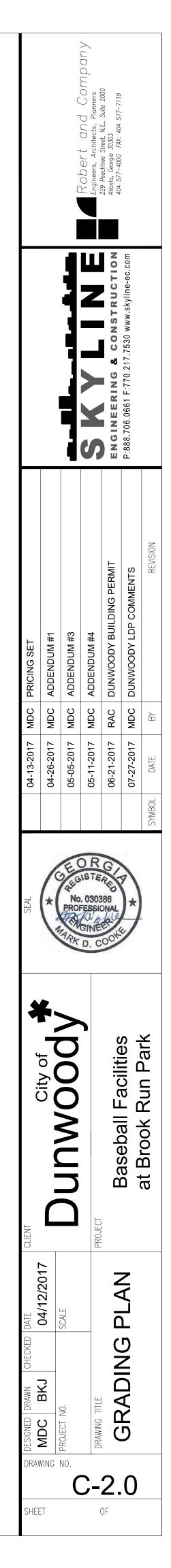


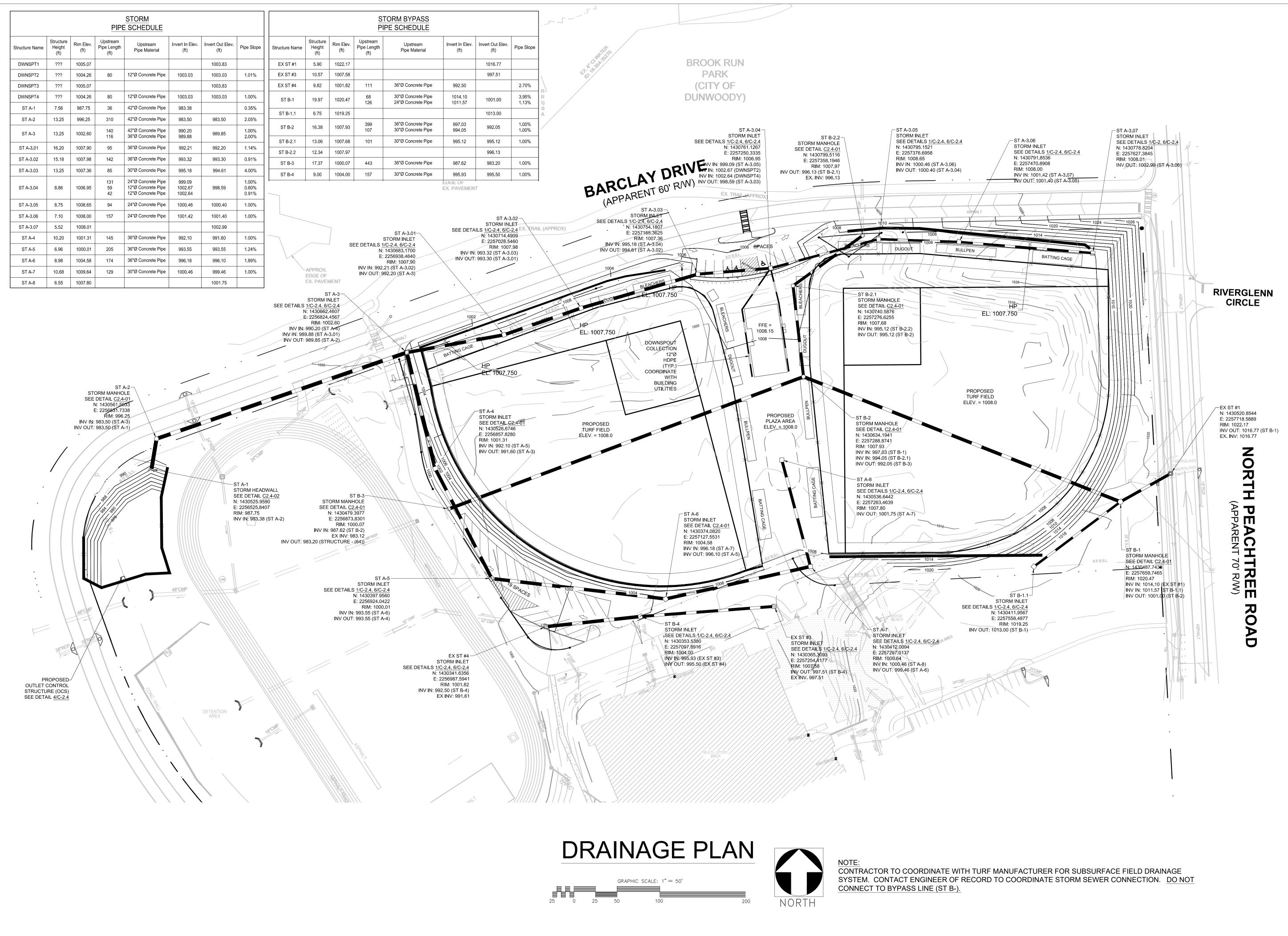
NOTES:

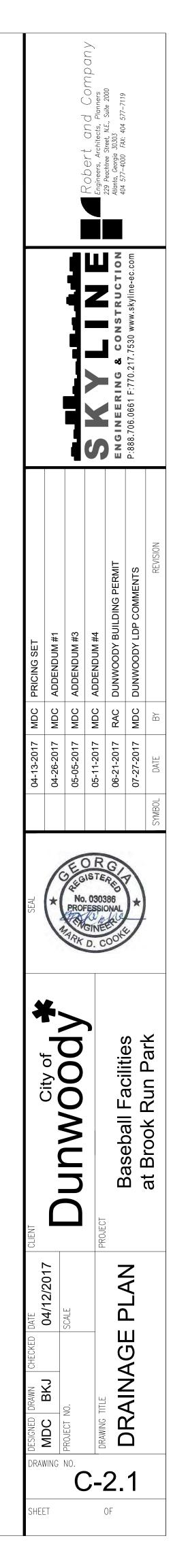
- 1. ALL DETAILS SHOWN ON THIS SHEET ARE FOR REFERENCE ONLY (NOT FOR CONSTRUCTION).
- 2. CONTRACTOR SHALL COORDINATE WITH WALL MANUFACTURER AND PROCURE 3RD PARTY WALL DESIGN.
- 3. 3RD PARTY WALL DESIGN SHALL SUPERCEDE WALL TYPE AND LOCATIONS SHOWN ON SHEET C1.6.

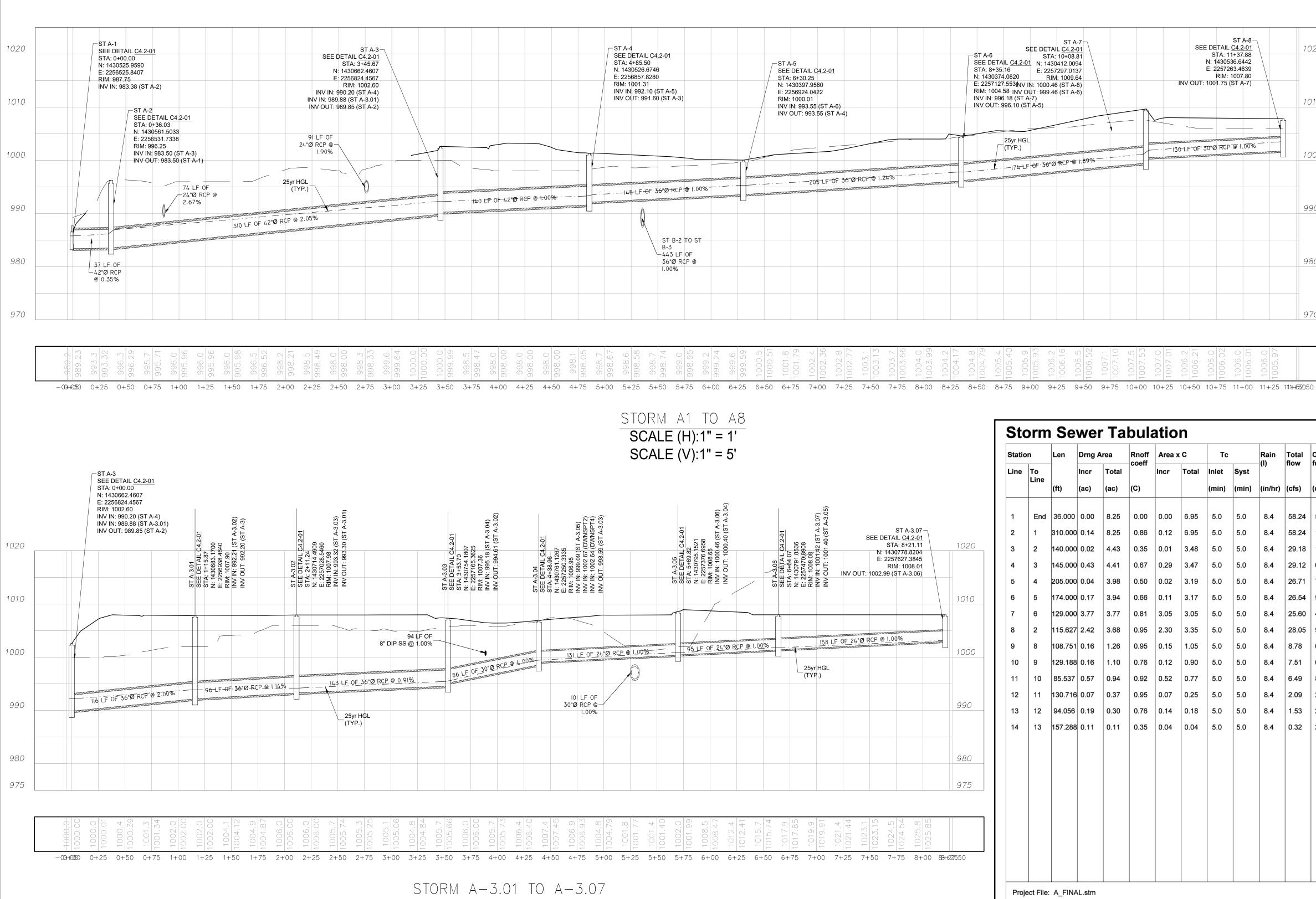
			KODELT AND COMPANY Engineers, Architects, Planners	ENGINEERING & CONSTRUCTION Atlanta, Georgia 30303 404 577-4000 FAX: 404 577-7119	P:888.706.0661 F:770.217.7530 www.skyline-ec.com			
04-13-2017 MDC PRICING SET	04-26-2017 MDC ADDENDUM #1	05-05-2017 MDC ADDENDUM #3	05-11-2017 MDC ADDENDUM #4	06-21-2017 RAC DUNWOODY BUILDING PERMIT	07-27-2017 MDC DUNWOODY LDP COMMENTS	DATE BY REVISION		
SEAL	*	LUL SA NOT	OR ISTE 0303 ESSIO	G PED BBG BDNAL BDNAL		SYMBOL		
	Dunvood Baseball Facilities at Brook Run Park							
0		NO.	DRAWING TITLE		WALL DETAILS			











SCALE (H):1" = 1' SCALE (V):1" = 5'

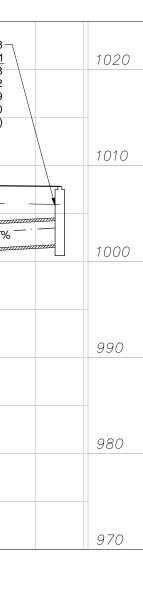
Storm	Sev	wer	Tab	bula	ation	

Statio	n	Len	Drng A	rea	Rnoff	Area x	C	Тс			Total		Vel	Pipe		Invert Ele	ev.	HGL Ele	v	Grnd / Rim Elev		Line ID														
.ine	То	-	Incr	Total	- coeff	Incr	Total	Inlet	Syst	(1)	tiow tuli	TIOW ful		flow fu		now r	now r	flow fu	flow full	w full	ow full	w tuli	ow full	ow tull	ow full	ow tuli		Size	Slope	Dn	Up	Dn	Up	Dn	Up	
	Line	(ft)	(ac)	(ac)	(C)			(min)	(min)	(in/hr)	(cfs)	(cfs)	(ft/s)	(in)	(%)	(ft)	(ft)	(ft)	(ft)	(ft)	(ft)															
1	End	36.000	0.00	8.25	0.00	0.00	6.95	5.0	5.0	8.4	58.24	58.08	7.90	42	0.33	983.38	983.50	985.77	986.14	0.00	996.25	A-2														
2	1	310.000	0.14	8.25	0.86	0.12	6.95	5.0	5.0	8.4	58.24	144.0	7.21	42	2.05	983.50	989.85	986.92	992.24	996.25	1002.60	A-3														
3	2	140.000	0.02	4.43	0.35	0.01	3.48	5.0	5.0	8.4	29.18	111.5	5.34	42	1.23	989.88	991.60	992.24	993.27	1002.60	1003.87	A-4														
4	3	145.000	0.43	4.41	0.67	0.29	3.47	5.0	5.0	8.4	29.12	66.69	7.97	36	1.00	992.10	993.55	993.49	995.30	1003.87	1000.00	A-5														
5	4	205.000	0.04	3.98	0.50	0.02	3.19	5.0	5.0	8.4	26.71	74.38	6.44	36	1.24	993.55	996.10	995.30	997.77	1000.00	1000.03	A-6														
6	5	174.000	0.17	3.94	0.66	0.11	3.17	5.0	5.0	8.4	26.54	91.57	6.79	36	1.89	996.18	999.46	997.77	1001.12	1000.03	1007.60	A-7														
7	6	129.000	3.77	3.77	0.81	3.05	3.05	5.0	5.0	8.4	25.60	41.01	7.95	30	1.00	1000.46	1001.75	1001.89	1003.47	1007.60	1007.85	A-8														
8	2	115.627	2.42	3.68	0.95	2.30	3.35	5.0	5.0	8.4	28.05	94.47	5.72	36	2.01	989.88	992.20	992.24	993.91	1002.60	1007.90	A-3.01														
9	8	108.751	0.16	1.26	0.95	0.15	1.05	5.0	5.0	8.4	8.78	66.77	3.40	36	1.00	992.21	993.30	993.91	994.23	1007.90	1007.98	A-3.02														
10	9	129.188	0.16	1.10	0.76	0.12	0.90	5.0	5.0	8.4	7.51	66.64	4.29	36	1.00	993.32	994.61	994.23	995.47	1007.98	1007.36	A-3.03														
11	10	85.537	0.57	0.94	0.92	0.52	0.77	5.0	5.0	8.4	6.49	81.89	7.20	30	3.99	995.18	998.59	995.66	999.43	1007.36	1006.95	A-3.04														
12	11	130.716	0.07	0.37	0.95	0.07	0.25	5.0	5.0	8.4	2.09	22.64	3.94	24	1.00	999.09	1000.40	999.50	1000.90	1006.95	1008.65	A-3.05														
13	12	94.056	0.19	0.30	0.76	0.14	0.18	5.0	5.0	8.4	1.53	22.61	3.04	24	1.00	1000.46	1001.40	1000.90	1001.83	1008.65	1008.00	A-3.06														
14	13	157.288	0.11	0.11	0.35	0.04	0.04	5.0	5.0	8.4	0.32	22.60	1.38	24	1.00	1001.42	1002.99	1001.83	1003.18	1008.00	1008.01	A-3.07														
Proje	ect File:	A_FINA	L.stm		<u> </u>	<u> </u>	<u> </u>		<u> </u>							Number	of lines: 1	4		Run Dat	te: 8/2/201	7														

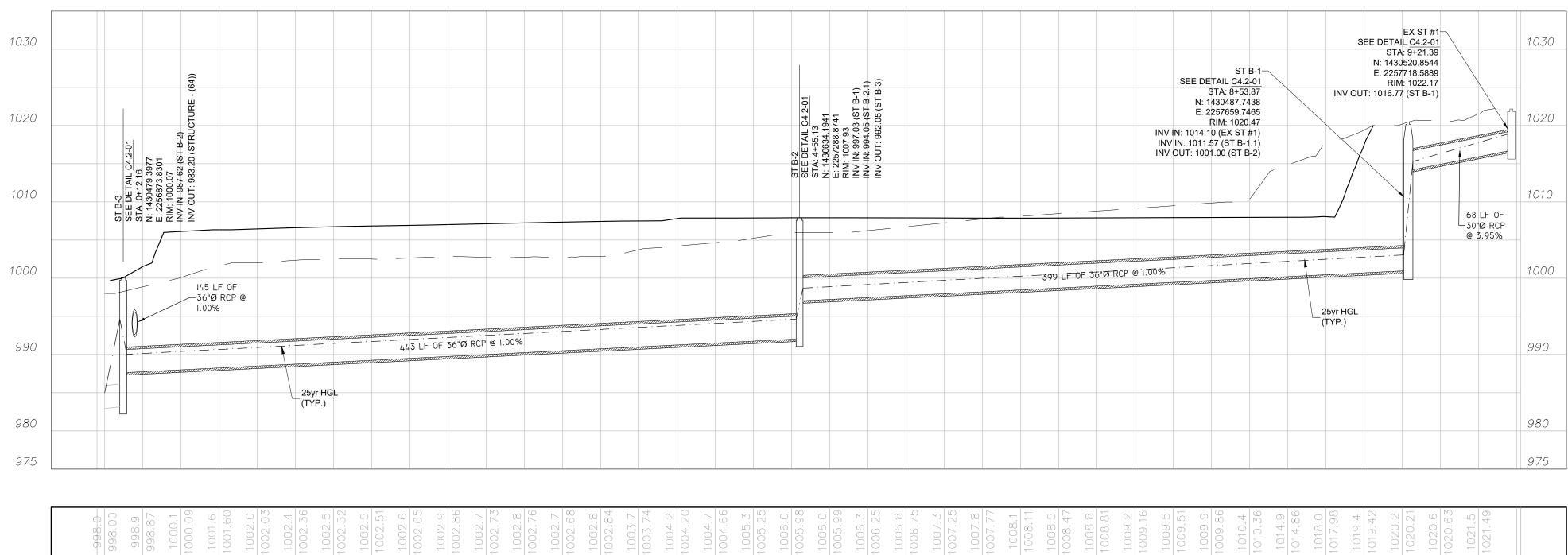


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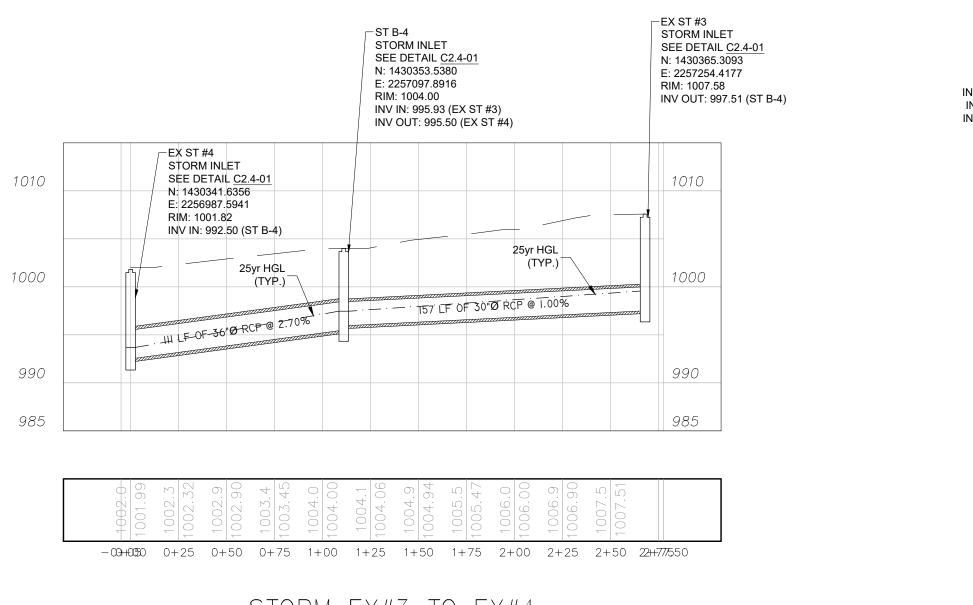
GRAPHIC SCALE: 1" = 50'



C O ners 2000 D Planı Suite 11 ∩ (cts, N.E., 404 Street, 30300 FAX: OD OF 1 ineers, Ar Peachtree 5 nta, Georgia Eng 229 404 **RING** 1 F:770. E N G PERMIT <u>o</u> UNW00dV Baseball Facilities at Brook Run Park DATE 04/12/2017 DRAINAGE PROFILES BKJ MDC DRAWING NO. C-2.2 SHEET OF

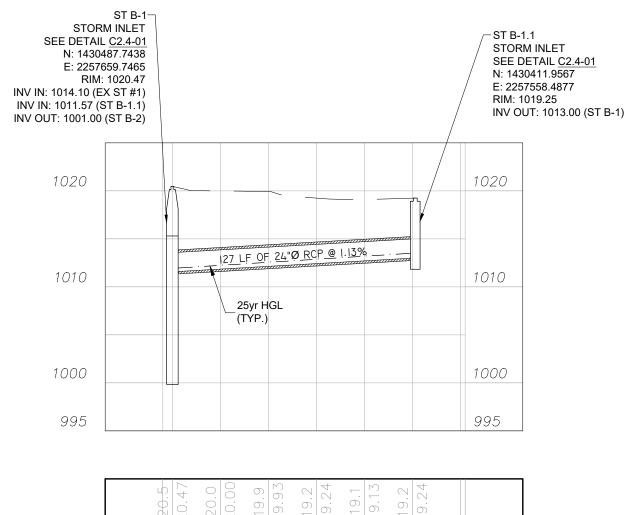


STORM B-1 TO B-3 SCALE (H):1" = 1' SCALE (V):1" = 5'



STORM EX#3 TO EX#4 SCALE (H):1" = 1' SCALE (V):1" = 5'



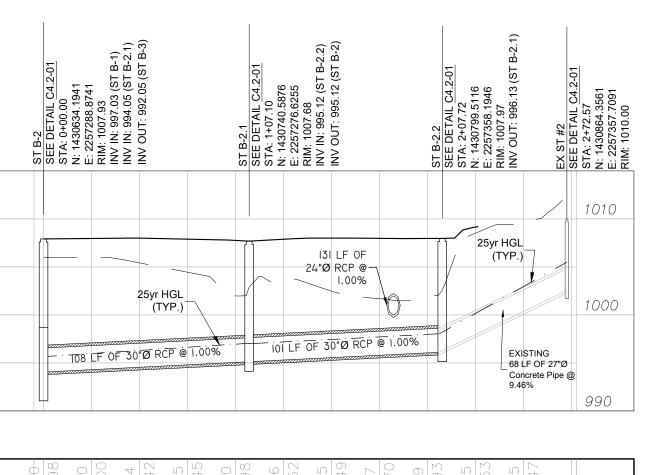




B-1 TO B-1.1 SCALE (H):1" = 1' SCALE (V):1" = 5'

DRAINAGE PROFILES

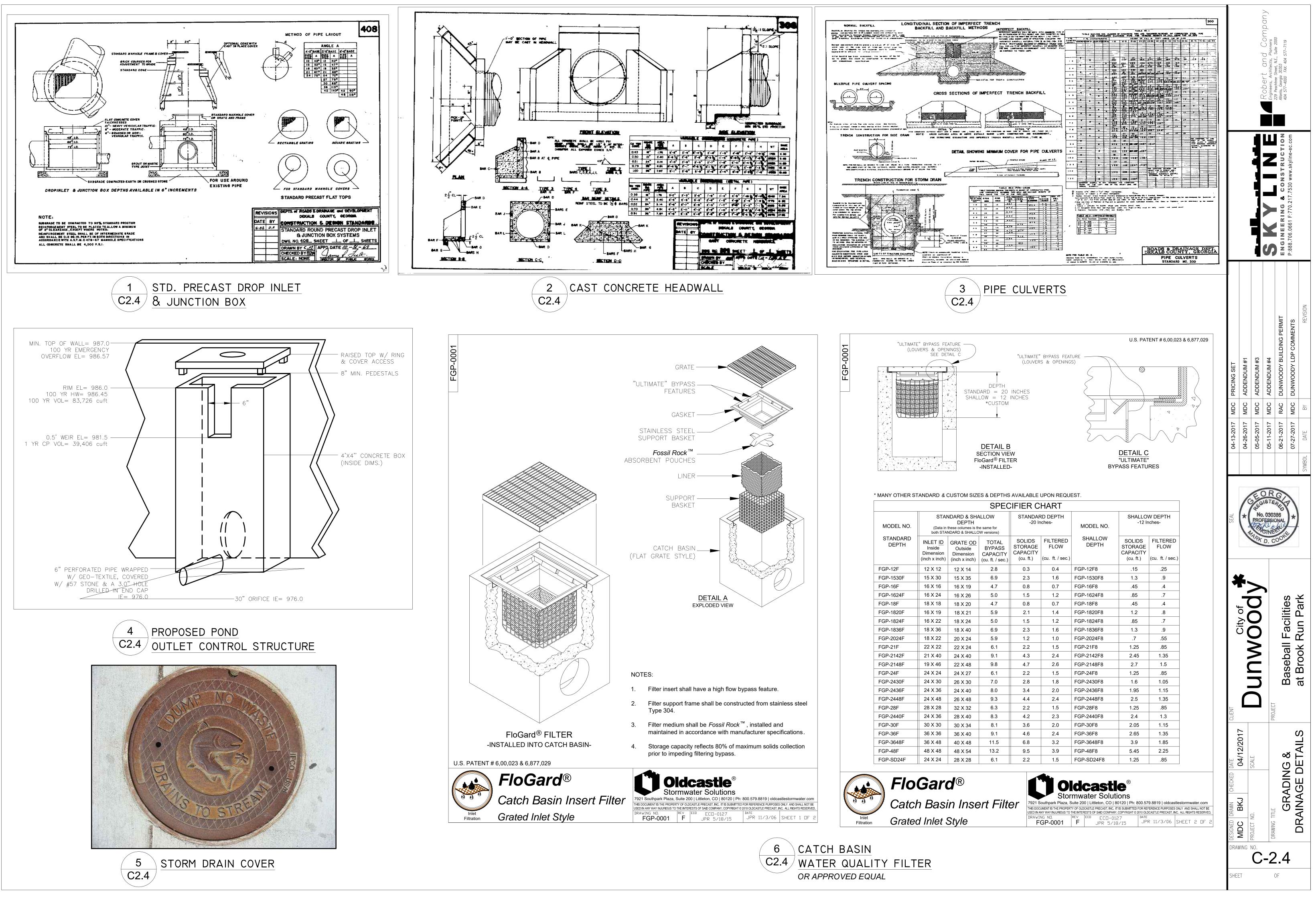
GRAPHIC SCALE: 1" = 50'25 0 25 50 100 200

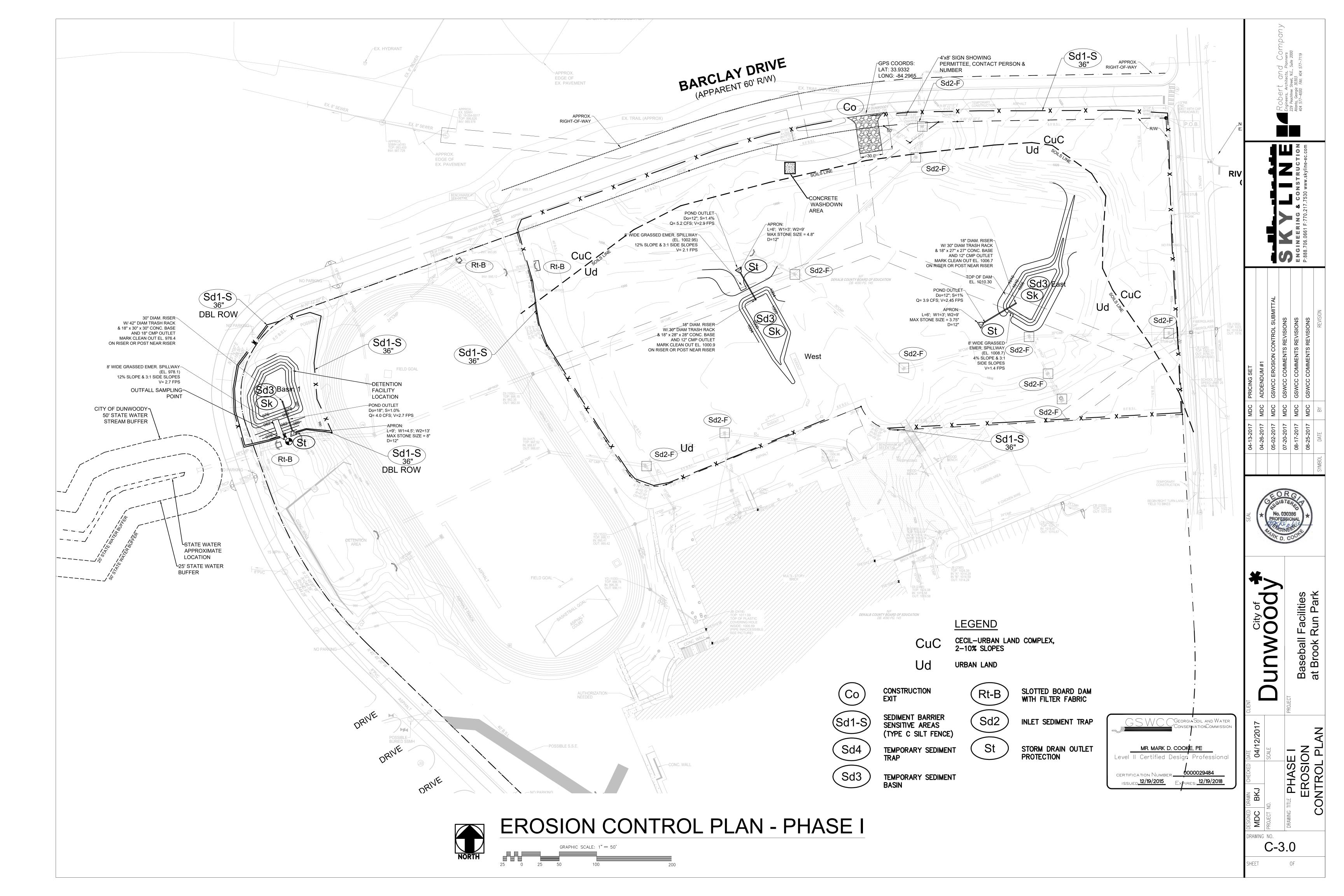


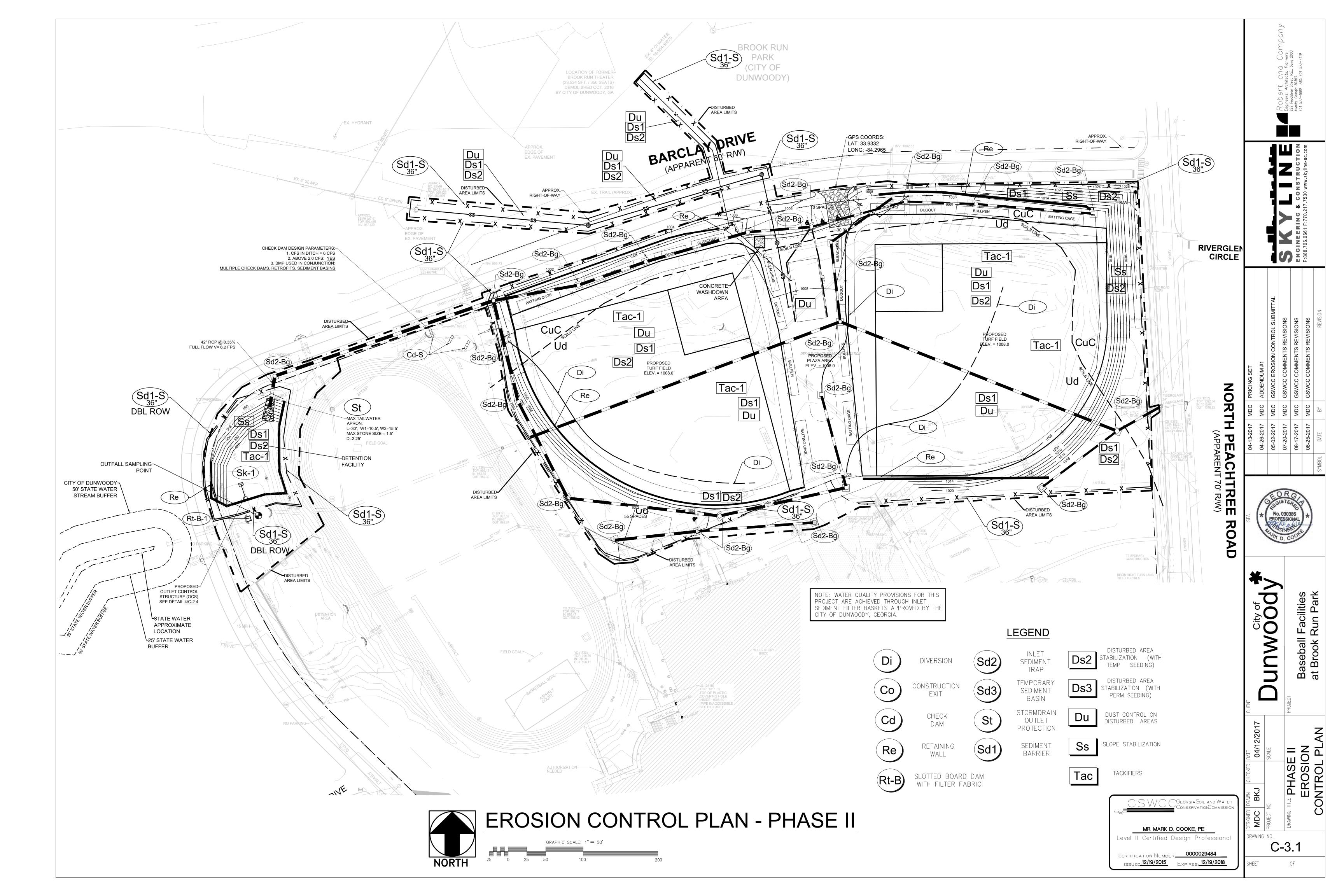
-09+10550 0+25 0+50 0+75 1+00 1+25 1+50 1+75 2+00 2+25 2+50 22+777550

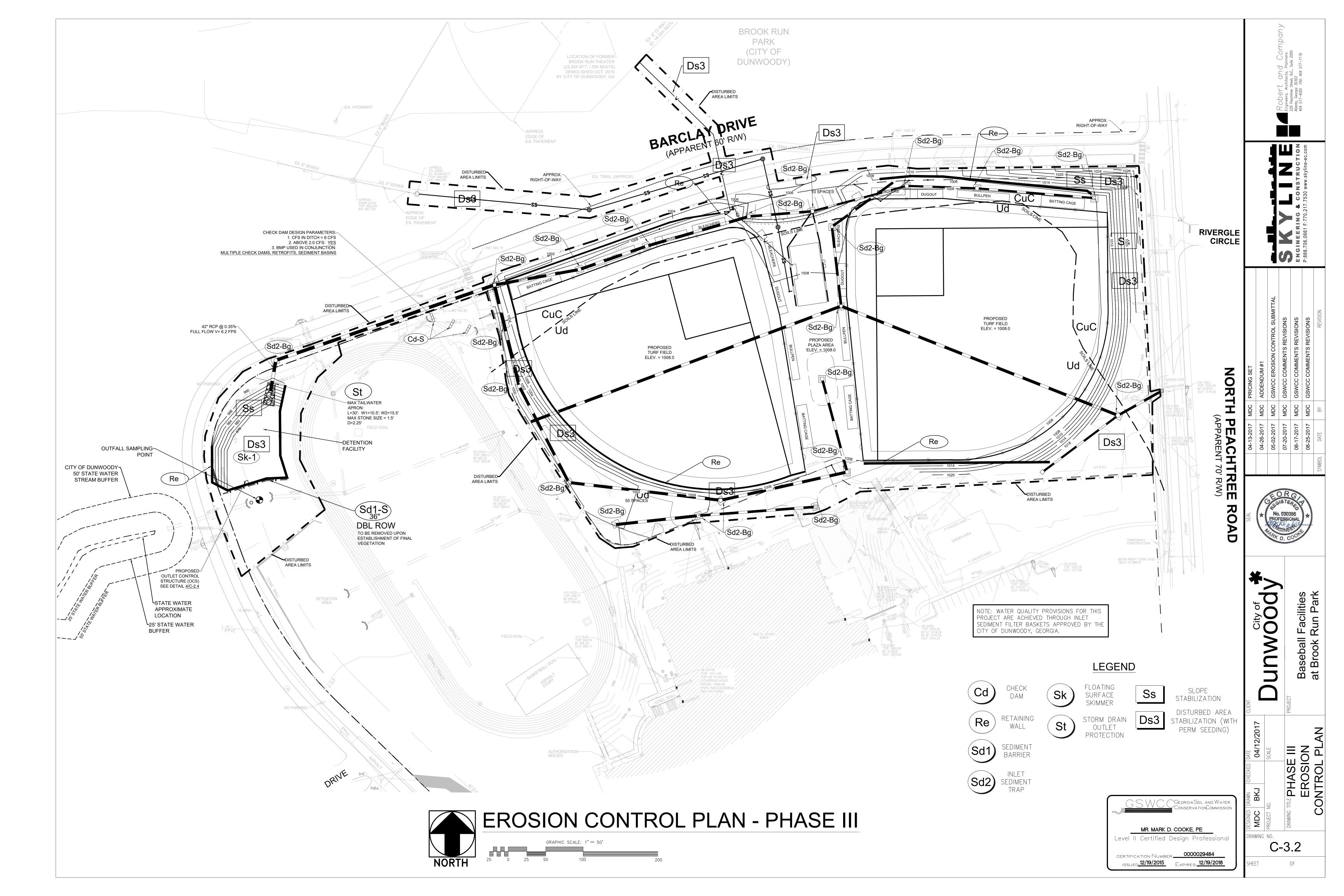
STORM B-2 TO EX #2 SCALE (H):1" = 1' SCALE (V):1" = 5'

			Engineers, Architects, Planners	ENGINEERING & CONSTRUCTION Atlanta, Georgia 30303 404 577–4000 FAX: 404 577–7119	P:888.706.0661 F:770.217.7530 www.skyline-ec.com	
04-13-2017 MDC PRICING SET	04-26-2017 MDC ADDENDUM #1	05-05-2017 MDC ADDENDUM #3	05-11-2017 MDC ADDENDUM #4	06-21-2017 RAC DUNWOODY BUILDING PERMIT	07-27-2017 MDC DUNWOODY LDP COMMENTS	E BY REVISION
SEAL 04-13-	*	-50-50	OR ISTE	0 13 14 19 00-21-	07-27-	SYMBOL DATE
CLIENT			PROJECT	Rachall Facilitiae		al Drook Run Park
CHECKED		.04 PROJECT NU.				PROFILES









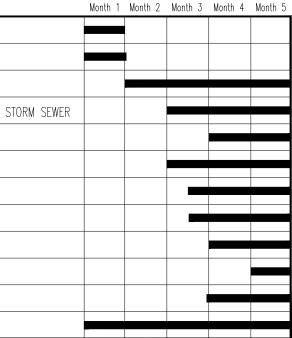
 2 Level II certified design professional: Mark D. Cooke, PE Certification No. 00029484 Expires 12/19/2018 3 N/A - Disturbed area is less than 50 acres. 4 24-hour contact: Mr. Brent Walker Phone: 678.382.6850 5 Primary permittee: City of Dunwoody, Georgia Parks and Recreation Department 41 Perimeter Center East, Suite 250 Dunwoody, Georgia 30346 6 Total Site Acreage: 7.46 Ac. Disturbed Acreage: 9.1 Ac. 7 Construction Entrance GPS location: 33.9332² N 	,
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Disturbed Acreage: 9.1 Ac. 7 Construction Entrance GPS location: 33.9332° N	 FERTILIZERS USED WILL BE APPLIED ONLY IN MINIMUM AMOUNTS AS RECOMMENDED BY THE MANUFACTURER. ONCE APPLIED, FERTILIZER WILL BE WORKED INTO THE SOIL TO LIMIT EXPOSURE TO STORM WATER. THE CONTENTS OF ANY PARTIALLY USED BA
33.9332° N	OF FERTILIZER WILL BE TRANSFERRED TO A SEALABLE PLASTIC BIN TO AVOID SPILLS. KEEP FLAMMABLE LIQUIDS IN CLOSED CONTAINERS WHEN NOT IN USE. USE PROPER RECEPTACLES TO DISPOSE OF CONTAMINATED WASTES THAT CANNOT BE RECYCLED IN CONFORMANCE WITH
	FEDERAL, STATE AND/OR LOCAL REGULATIONS. • DO NOT DUMP PETROLEUM PRODUCT WASTE, PESTICIDES, FERTILIZERS, PAINTS OR OTHER CHEMICALS INTO SEWERS,
84.2965° W	 STORMDRAINS OR DRAINAGE CHANNELS. PREVENT SPILLS OF PETROLEUM PRODUCTS FROM OCCURRING BY TAKING SPECIAL CARE WHEN HANDLING, AND KEEP FACILITIES AND EQUIPMENT MAINTAINED.
 8 SEE TITLE BLOCK FOR INITIAL DATE AND REVISIONS 9 The existing site is 7.46 acres (325,159 sft.) located in Land Lot 354 of the18th District of Dekalb County, Georgia. The parcel is bound by Barclay 	 USE SPILL PROOF CONTAINERS AND FUNNELS WHEN TRANSFERRING FLUIDS FROM ONE CONTAINER TO ANOTHER. POST INFORMATIONAL MATERIALS REGARDING CHEMICAL CONTROL.
Drive to the north, North Peachtree Road to the east, the Peachtree Charter Middle School track and football field to the west, and the Peachtree Charter Middle School to the south. The site is largely undeveloped except for existing baseball dugouts and fencing. The area disturbed under this permit is 9.1 acres	 b. SPILL CONTROL PLAN: THE FOLLOWING PRACTICES WILL BE FOLLOWED FOR SPILL PREVENTION AND CLEANUP: EMERGENCY CONTACT NUMBERS FOR SPILLS SHALL BE AVAILABLE ON-SITE. MANUFACTURERS' RECOMMENDED METHODS FOR SPILL CLEANUP WILL BE ON SITE. MATERIALS AND EQUIPMENT NECESSARY FOR SPILL CLEANUP SHALL BE AVAILABLE ON-SITE.
The 7.46 acre site is part of a 79.8-acre drainage basin that discharges westward into an existing detention pond owned by the Dekalb County School Board. The detention pond discharges into an existing 54" culvert under Barclay Drive. This culvert ultimately enters an unnamed tributary to Nancy Creek tributary a (basin receiving water).	 ALL SPILLS WILL BE CLEANED UP IMMEDIATELY AFTER DISCOVERY. KEEP TRAINED STAFF IN SPILL RESPONSE ON CALL. THE SPILL AREA WILL BE KEPT WELL VENTILATED AND PERSONNEL WILL WEAR APPROPRIATE PROTECTIVE CLOTHING TO PREVEN INJURY FROM CONTACT WITH A HAZARDOUS SUBSTANCE. SPILLS OF TOXIC OR HAZARDOUS MATERIAL WILL BE REPORTED TO THE APPROPRIATE LOCAL OR FEDERAL GOVERNMENT AGENCE
Proposed land disturbance activity to the 7.46 acre site includes demolition of existing storm drains (as shown on sheet CD-1.0-Demolition Plan), construction of two baseball fields, accessory building and parking areas, installation of utilities, landscaping and sidewalks. An offsite stormwater pond is proposed to provide attenuation of all storm events.	 SPILLS OF TOXIC OR HAZARDOOS MATERIAL WILL BE REPORTED TO THE APPROPRIATE LOCAL OR FEDERAL GOVERNMENT AGENC REGARDLESS OF THE SIZE. THE SPILL PREVENTION PLAN WILL BE ADJUSTED TO INCLUDE MEASURES TO PREVENT THIS TYPE OF SPILL FROM REOCCURRING AND HOW TO CLEAN UP THE SPILL IF THERE IS ANOTHER ONE. A DESCRIPTION OF THE SPILL, WHAT CAUSED IT, AND THE CLEANU MEASURES WILL ALSO BE INCLUDED.
BMP measures will be required to prevent the escape of sediment from the site . 26	6 Description of the measures that will be installed during the construction process to control pollutants in storm water that will occur afte
 10 SEE SHEET C-0 FOR VICINITY MAP. 11 This project discharges into an un-named tributary to Nancy Creek. Nancy Creek is an impaired stream located 1.3 miles (±6800 feet) 	construction operations have been completed: EROSION CONTROL BMPS WILL BE INSTALLED TO PREVENT SEDIMENT FROM LEAVING THE SITE. SOIL EROSION AND SEDIMENT CONTROL WILL BE DONE USING A CONSTRUCTION EXIT, SILT FENCE, TEMPORARY SEDIMENT
11 This project discharges into an un-named tributary to Nancy Creek. Nancy Creek is an impaired stream located 1.3 miles (±6800 feet) downstream from the project site.	BASINS, INLET SEDIMENT TRAPS, DUST CONTROL AND GROUND COVER. NO ALTERNATIVE BMP'S ARE BEING USED ON THIS PROJECT. OTHER POLLUTION CONTROL MEASURES FOR THE SITE INCLUDE PROPER WASTE DISPOSAL, PROPER MAINTENANCE OF CHEMICAL STOR
12 SITE VISITATION CERTIFICATION	TANKS, PREVENTION CONTROL MEASURES FOR THE STIE INCLUDE PROPER WASTE DISPOSAL, PROPER MAINTENANCE OF CHEMICAL STORA TANKS, PREVENTION OF EROSION FROM EGRESS, SANITARY SEWERAGE DISPOSAL AND ON-SITE VEHICLE STORAGE AND MAINTENANCE. DEBRIS THAT IS GENERATED WILL BE BURIED ON SITE.
I CERTIFY UNDER PENALTY OF LAW THAT THIS PLAN WAS PREPARED AFTER A SITE VISIT TO THE LOCATIONS DESCRIBED HEREIN BY MYSELF OR MY AUTHORIZED AGENT, UNDER MY DIRECT SUPERVISION.	7 Description of the practices that will be used to reduce the pollutants in storm water discharges: POLLUTION CONTROL MEASURES FOR T SITE INCLUDE PROPER WASTE DISPOSAL, PROPER MAINTENANCE OF CHEMICAL STORAGE TANKS, PROPER SANITARY SEWERAGE DISPOSA THE CITE WILL INCLUDE STORMULATER MANY SEVERAGE DISPOSAL AND RESEARCE OF CHEMICAL STORAGE TANKS, PROPER SANITARY SEWERAGE DISPOSAL
MARK D. COOKE, PE 1/19/2017 DATE	THE SITE WILL INCLUDE STORMWATER MANAGEMENT AND VEGETATED AREAS TO ATTENUATE STORM WATER DISCHARGES AND PROVID WATER QUALITY TREATMENT.
GSWCC#0000029484 28 13 PLAN DESIGNER CERTIFICATION	
I CERTIFY THAT THE PERMITTEE'S EROSION, SEDIMENTATION AND POLLUTION CONTROL PLAN PROVIDES FOR AN APPROPRIATE AND	EXPECTED START DATE: AUGUST 2017 Month 1 Month 2 Month 3 Month 4 Month 5 MOBILIZE
COMPREHENSIVE SYSTEM OF BEST MANAGEMENT PRACTICES REQUIRED BY THE GEORGIA WATER QUALITY CONTROL ACT AND THE DOCUMENT "MANUAL FOR EROSION AND SEDIMENT CONTROL IN GEORGIA" (MANUAL) PUBLISHED BY THE STATE SOIL AND WATER	INSTALL EROSION CONTROL MEASURES
CONSERVATION COMMISSION AS OF JANUARY 1 OF THE YEAR IN WHICH THE LAND DISTURBING ACTIVITY WAS PERMITTED, PROVIDES FOR THE SAMPLING OF THE RECEIVING WATER(S) OR THE SAMPLING OF THE STORM WATER OUTFALLS AND THAT THE DESIGNED SYSTEM OF BEST MANAGEMENT PRACTICES AND SAMPLING METHODS IS EXPECTED TO MEET THE REQUIREMENTS CONTAINED IN THE GENERAL NPDES	INSTALL TEMPORARY SEDIMENT BASIN
PERMIT NO. GAR 100001.	MODIFY DETENTION POND / CONSTRUCT STORM SEWER
MARK D. COOKE, PE <u>1/19/2017</u> DATE	CLEARING AND GRADING
GSWCC#0000029484	TEMPORARY GRASSING
14 THE DESIGN PROFESSIONAL WHO PREPARED THE ES&PC PLAN IS TO INSPECT THE INSTALLATION OF THE INITIAL SEDIMENT STORAGE REQUIREMENTS AND PERIMETER CONTROL BMPS WITH 7 DAYS AFTER INSTALLATION.	INSTALL WATER QUALITY MEASURES GENERAL CONSTRUCTION
The primary permitte must retain the design professional who prepared the plan, except when the primary permittee has requested in writing and EPD has agreed to an alternate design professional, to inspect the installation of the initial sediment storage requirements and perimeter	UTILITIES CONSTRUCTION
control BMPs which the design professional designed within seven (7) days after installation. the design professional shall determine if these bmps have been installed and are being maintained as designed. the design professional shall report the results of the inspection to the	GRASSING AND LANDSCAPING
primary permittee within seven (7) days and the permittee must correct all deficiencies within two (2) business days of receipt of the inspection report from the design professional unless weather related site conditions are such that additional time is required.	FINAL CLEAN-UP
15 NON-EXEMPT ACTIVITIES SHALL NOT BE CONDUCTED WITHIN THE 25 OR 50-FOOT UNDISTURBED STREAM BUFFERS AS MEASURED FROM THE POINT OF WRESTED VEGETATION OR WITHIN 25-FEET OF THE COASTAL MARSHLAND BUFFER AS MEASURED FROM THE	MAINTAIN EROSION CONTROLS
JURISDICTIONAL DETERMINATION LINE WITHOUT FIRST ACQUIRING THE NECESSARY VARIANCES AND PERMITS.	NOTE: TEMPORARY GRASSING TO BEGIN TWO WEEKS AFTER INITIAL DISTURBANCE. NOTE: INSTALLATION OF WATER QUALITY CONTROL DEVICES SHALL BE CONCURRENT WITH STABILIZATION.
16 No Buffer enchroachments will occur on this project. no buffer variance is required. 17 AMENDMENTS/REVISIONS TO THE ES&PC PLAN WHICH HAVE A SIGNIFICANT EFFECT ON BMPS WITH A HYDRAULIC COMPONENT MUST BE	9 INSPECTIONS AND RECORD KEEPING:
CERTIFIED BY THE DESIGN PROFESSIONAL.	 a. Permittee requirements. (1). Each day when any type of construction activity has taken place at a primary permittee's site, certified personnel provided by the
18 WASTE MATERIALS SHALL NOT BE DISCHARGED TO WATERS OF THE STATE, EXCEPT AS AUTHORIZED BY SECTION 404 PERMIT. 19 THE ESCAPE OF SEDIMENT FROM THE SITE SHALL BE PREVENTED BY THE INSTALLATION OF EROSION AND SEDIMENT CONTROL MEASURES	primary permittee shall inspect: (a) all areas at the primary permittee's site where petroleum products are stored, used, or handled for sp and leaks from vehicles and equipment and (b) all locations at the primary permittee's site where vehicles enter or exit the site for eviden of off-site sediment tracking These inspections must be conducted until a Notice of Termination is submitted.
AND PRACTICES PRIOR TO LAND DISTURBING ACTIVITIES.	(2). Measure rainfall once every 24 hours except any non-working Saturday, non-working Sunday and non-working Federal holiday until a Notice of Termination is submitted. Measurement of rainfall may be suspended if all areas of the site have undergone final stabilization o
20 EROSION CONTROL MEASURES WILL BE MAINTAINED AT ALL TIMES. IF FULL IMPLEMENTATION OF THE APPROVED PLAN DOES NOT PROVIDE FOR EFFECTIVE EROSION CONTROL, ADDITIONAL EROSION AND SEDIMENT CONTROL MEASURES SHALL BE IMPLEMENTED TO CONTROL OR TREAT THE SEDIMENT SOURCE.	established a crop of annual vegetation and a seeding of target perennials appropriate for the region. (3). Certified personnel (provided by the primary permittee) shall inspect the following at least once every seven (7) calendar days and within 24 hours of the end of a storm that is 0.5 inches rainfall or greater (unless such storm ends after 5:00 PM on any Friday or on any
21 ANY DISTURBED AREA LEFT EXPOSED FOR A PERIOD GREATER THAN 14 DAYS SHALL BE STABILIZED WITH MULCH OR TEMPORARY SEEDING.	non-working Saturday, non-working Sunday or any non-working Federal holiday in which case the inspection shall be completed by the en of the next business day and/or working day, whichever occurs first): (a) disturbed areas of the primary permittee's construction site ; (b)
SEE NOTE 22 FOR ADDITIONAL REQUIREMENTS.	areas used by the primary permittee for storage of materials that are exposed to precipitation ; and (c) structural control measures. Erosi and sediment control measures identified in the Plan applicable to the primary permittee's site shall be observed to ensure that they are
22 THE SITE IS LOCATED 1.3 MILES UPSTREAM OF NANCY CREEK, AN IMPAIRED STREAM. WHILE APPENDIX 1 ITEMS ARE NOT REQUIRED, THE FOLLOWING APPENDIX 1 ITEMS MAY BE INCORPORATED INTO THE PROJECT:	operating correctly. Where discharge locations or points are accessible, they shall be inspected to ascertain whether erosion control measures are effective in preventing significant impacts to receiving water(s). For areas of a site that have undergone final stabilization of
d. A large sign (minimum 4 feet by 8 feet) must be on the site on the actual start date of construction visible from a public roadway	established a crop of annual vegetation and a seeding of target perennials appropriate for the region, the permittee must comply with Pa IV.D.4.a.(4). These inspections must be conducted until a Notice of Termination is submitted.
identifying the construction site, the permittee(s), and the contact person(s) and telephone number(s) until a N.O.T. has been submitted. e. Use anionic polyacrylamide (PAM) and/or mulch to stabilize areas left disturbed for more than seven (7) calendar days in accordance with	(4). Certified personnel (provided by the primary permittee) shall inspect at least once per month during the term of this permit (i.e., until a Notice of Termination is received by EPD) the areas of the site that have undergone final stabilization or established a crop of annual vegetation and a seeding
Part III.D.1. or the NPDES Permit.	target perennials appropriate for the region. These areas shall be inspected for evidence of, or the potential for, pollutants entering the drainage syst and the receiving water(s). Erosion and sediment control measures identified in the Plan shall be observed to ensure that they are operating correctly
q. Conduct soil tests to identify and to implement site-specific fertilizer needs.	Where discharge locations or points are accessible, they shall be inspected to ascertain whether erosion control measures are effective in preventing significant impacts to receiving water(s).
r. Certified personnel for primary permittees shall conduct inspections at least twice every seven (7) calendar days and within 24 hours of the end of the storm that is 0.5 inches rainfall or greater in accordance with Part IV.D.4.a.(3).(a) – (c); secondary permittees, Part IV.D.4.b.(3). (a) – (c); and tertiary permittees Part IV.D.4.c.(3).(a) – (c).	(5). Based on the results of each inspection, the site description and the pollution prevention and control measures identified in the Erosion, Sedimentation and Pollution Control Plan, the Plan shall be revised as appropriate not later than seven (7) calendar days following each inspection. Implementation of such changes shall be made as soon as practical but in no case later than seven (7) calendar days following each inspection.
	(6). A report of each inspection that includes the name(s) of certified personnel making each inspection, the date(s) of each inspection, construction phase (i.e., initial, intermediate or final), major observations relating to the implementation of the Erosion, Sedimentation and Pollution Control Plan, and actions taken in accordance with Part IV.D.4.a.(5). of the permit shall be made and retained at the site or be readily available at a designated
23 TMDL Implementation plans exist for Nancy Creek (HUC 10-0313000112) for BioF dated 09-30-2009 and Fc dated 12-31-2004. The project will meet the requirements of the City of Dunwoody Land Development Regulations and the Georgia Stormwater Management Manual, 2016. These regulations require stormwater management practices and BMPs which will aid to reduce the Fecal Coliform counts as stipulated in the	alternate location until the entire site or that portion of a construction project that has been phased has undergone final stabilization and a Notice of Termination is submitted to EPD. Such reports shall be readily available by end of the second business day and/or working day and shall identify all
International Stormwater Best Management Practices (BMP) Database Pollutant Category Statistical Summary Report dated December 2014.	incidents of best management practices that have not been properly installed and/or maintained as described in the Plan. Where the report does not identify any incidents, the inspection report shall contain a certification that the best management practices are in compliance with the Erosion,
24 WASHOUT OF THE DRUM AT THE CONSTRUCTION SITE IS PROHIBITED. Concrete washdown of tools, concrete mixer chutes, hoppers and the rear of vehicles will only be allowed in a designated area provided for this purpose, as shown on the drawings.	Sedimentation and Pollution Control Plan. The report shall be signed in accordance with Part V.G.2. of this permit.
25 BMPs for the remediation of all petroleum spills and leaks: 30	0 SAMPLING FREQUENCY AND REPORTING:
SITE TO AN APPROPRIATE LANDFILL, AND SHALL NOT BE DISCHARGED INTO WATERS OF THE STATE, EXCEPT AS AUTHORIZED BY A SECTION	Sampling Frequency: (1). The primary permittee must sample in accordance with the Plan at least once for each rainfall event described below. For a qualifying
404 PERMIT. CLEANUP AND DISPOSAL OF ALL WASTE MATERIALS (SOLID OR HAZARDOUS) SHALL BE IN ACCORDANCE WITH ALL RECOGNIZED LOCAL AND FEDERAL REQUIREMENTS. ALL DISPOSAL SHALL BE TO APPROVED OFF-SITE WASTE FACILITIES. ALL PERSONNEL WILL BE INSTRUCTED REGARDING THE CORRECT PROCEDURE FOR WASTE DISPOSAL. NOTICES STATING THESE PRACTICES	event, the permittee shall sample at the beginning of any storm water discharge to a monitored receiving water and/or from a monitored outfall location within in forty-five (45) minutes or as soon as possible.
WILL BE RESPONSIBLE FOR SEEING THAT THESE PROCEDURES ARE FOLLOWED.	(2). However, where manual and automatic sampling are impossible (as defined in this permit), or are beyond the permittee's control, the
(2) OFFSITE VEHICLE TRACKING: OFF-SITE VEHICLE TRACKING OF DIRT, SOILS, AND SEDIMENTS AND THE GENERATION OF DUST SHALL BE MINIMIZED OR ELIMINATED TO THE MAXIMUM EXTENT PRACTICAL. A STABILIZED CONSTRUCTION ENTRANCE HAS BEEN PROVIDED TO HELP	permittee shall take samples as soon as possible, but in no case more than twelve (12) hours after the beginning of the storm water discharge.
REDUCE VEHICLE TRACKING OF SEDIMENTS. THE PAVED STREET ADJACENT TO THE SITE ENTRANCE WILL BE CLEANED AS NECESSARY TO REMOVE ANY EXCESS MUD, DIRT, OR ROCK TRACKED FROM THE SITE. DUMP TRUCKS HAULING MATERIAL FROM THE CONSTRUCTION SITE WILL BE COVERED WITH A TARPAULIN ON AN AS NEEDED BASIS.	(3). Sampling by the permittee shall occur for the following qualifying events:(a). For each area of the site that discharges to a receiving water or from an outfall, the first rain event that reaches or exceeds 0.5 incl
 (3) SANITARY WASTE: AS SITE CONDITIONS WARRANT, ALL SANITARY WASTE WILL BE MANAGED APPROPRIATELY BY EITHER AN ONSITE PORTABLE UNIT(S) COLLECTED AT A MINIMUM OF ONCE PER WEEK BY THE LOCAL MUNICIPALITY AND/OR STATE OF GEORGIA LICENSED SANITARY WASTE MANAGEMENT CONTRACTOR, OR WITH A MANAGEMENT PLAN THAT ROUTES INDIVIDUALS TO A LEGAL AND 	with a storm water discharge that occurs during normal business hours as defined in this permit after all clearing and grubbing operations have been completed, but prior to completion of mass grading operations, in the drainage area of the location selected as sampling location;
APPROPRIATE SANITARY WASTE FACILITY. (4) SPILL REMEDIATION MANAGEMENT PRACTICES: THE FOLLOWING ARE THE BEST MANAGEMENT PRACTICES THAT WILL BE USED TO	(b). In addition to (a) above, for each area of the site that discharges to a receiving water or from an outfall, the first rain event that
REDUCE THE RISK OF SPILLS OR OTHER ACCIDENTAL EXPOSURE OF MATERIALS AND SUBSTANCES, AS WELL AS A CLEAN-UP PLAN IF	reaches or exceeds 0.5 inch with a storm water discharge that occurs during normal business hours as defined in this permit either 90

OPOWOO EDODION OF DIMENTATION AND DOLLUTION CONTROL NOTED

ID PAINT PRODUCTS ENOUGH PRODUCT REQUIRED TO DO THE JOB.

E SITE INCLUDE PROPER WASTE DISPOSAL, PROPER MAINTENANCE OF CHEMICAL STORAGE SANITARY SEWERAGE DISPOSAL AND ON-SITE VEHICLE STORAGE AND MAINTENANCE. NO

educe the pollutants in storm water discharges: POLLUTION CONTROL MEASURES FOR THE MAINTENANCE OF CHEMICAL STORAGE TANKS, PROPER SANITARY SEWERAGE DISPOSAL. MENT AND VEGETATED AREAS TO ATTENUATE STORM WATER DISCHARGES AND PROVIDE



days after the first sampling event or after all mass grading operations have been completed, but prior to submittal of a NOT, in the drainage area of the location selected as the sampling location, whichever comes first;

(c). At the time of sampling performed pursuant to (a) and (b) above, if BMPs in any area of the site that discharges to a receiving water or from an outfall are not properly designed, installed and maintained, corrective action shall be defined and implemented within two (2) business days, and turbidity samples shall be taken from discharges from that area of the site for each subsequent rain event that reaches or exceeds 0.5 inch during normal business hours* until the selected turbidity standard is attained, or until post-storm event inspections determine that BMPs are properly designed, installed and maintained;

(d). Where sampling pursuant to (a), (b) or (c) above is required but not possible (or not required because there was no discharge), the permittee, in accordance with Part IV.D.4.a.(6), must include a written justification in the inspection report of why sampling was not performed. Providing this justification does not relieve the permittee of any subsequent sampling obligations under (a), (b) or (c) above; and

(e). Existing construction activities, i.e., those that are occurring on or before the effective date of this permit, that have met the sampling required by (a) above shall sample in accordance with (b). Those existing construction activities that have met the sampling required by (b) above shall not be required to conduct additional sampling other than as required by (c) above.

*Note that the permittee may choose to meet the requirements of (a) and (b) above by collecting turbidity samples from any rain event that reaches or exceeds 0.5 inch and allows for sampling at any time of the day or week.

Reporting: 1. The applicable permittees are required to submit the sampling results to the EPD at the address shown in Part II.C. by the fifteenth day of the month following the reporting period. Reporting periods are months during which samples are taken in accordance with this permit. Sampling results shall be in a clearly legible format. Upon written notification, EPD may require the applicable permittee to submit the sampling results on a more frequent basis. Sampling and analysis of any storm water discharge(s) or the receiving water(s) beyond the minimum frequency stated in this permit must be reported in a similar manner to the EPD. The sampling reports must be signed in accordance with Part V.G.2. Sampling reports must be submitted to EPD until such time as a NOT is submitted in accordance with Part VI. 2. All sampling reports shall include the following information:

a. The rainfall amount, date, exact place and time of sampling or measurements;

b. The name(s) of the certified personnel who performed the sampling and measurements;

- c. The date(s) analyses were performed;
- d. The time(s) analyses were initiated:
- e. The name(s) of the certified personnel who performed the analyses;
- f. References and written procedures, when available, for the analytical techniques or methods used; g. The results of such analyses, including the bench sheets, instrument readouts, computer disks or tapes, etc., used to determine these
- h. Results which exceed 1000 NTU shall be reported as "exceeds 1000 NTU;" and
- i. Certification statement that sampling was conducted as per the Plan.

3. All written correspondence required by this permit shall be submitted by return receipt certified mail (or similar service) to the appropriate District Office of the EPD according to the schedule in Appendix A of this permit. The permittee shall retain a copy of the proof of submittal at the construction site or the proof of submittal shall be readily available at a designated location from commencement of construction until such time as a NOT is submitted in accordance with Part VI. If an electronic submittal is provided by EPD then the written correspondence may be submitted electronically; if required, a paper copy must also be submitted by return receipt certified mail or similar service.

31 RETENTION OF RECORDS:

THE PRIMARY PERMITTEE SHALL RETAIN THE FOLLOWING RECORDS AT THE CONSTRUCTION SITE OR THE RECORDS SHALL BE READILY AVAILABLE AT A DESIGNATED ALTERNATE LOCATION FROM COMMENCEMENT OF CONSTRUCTION UNTIL SUCH TIME AS A NOT IS SUBMITTED IN ACCORDANCE WITH PART VI:

- a. A COPY OF ALL NOTICE OF INTENT SUBMITTED TO EPD;
- b. A COPY OF THE EROSION, SEDIMENTATION AND POLLUTION CONTROL PLAN REQUIRED BY THIS PERMIT; c. THE DESIGN PROFESSIONAL'S REPORT OF THE RESULTS OF THE INSPECTION CONDUCTED IN ACCORDANCE WITH PART IV.A.5. OF THIS
- d. A COPY OF ALL SAMPLING INFORMATION, RESULTS AND REPORTS REQUIRED BY THIS PERMIT;
- e. A COPY OF ALL INSPECTION REPORTS GENERATED IN ACCORDANCE WITH PART IV.D.4.A. OF THIS PERMIT; f. A COPY OF ALL VIOLATION SUMMARIES AND VIOLATION SUMMARY REPORTS GENERATED IN ACCORDANCE WITH PART III.D.2. OF THIS
- g. DAILY RAINFALL INFORMATION COLLECTED IN ACCORDANCE WITH PART IV.D.4.A.(2)) OF THIS PERMIT

COPIES OF ALL NOTICES OF INTENT, NOTICES OF TERMINATION, INSPECTION REPORTS, SAMPLING REPORTS (INCLUDING ALL CALIBRATION AND MAINTENANCE RECORDS AND ALL ORIGINAL STRIP CHART RECORDINGS FOR CONTINUOUS MONITORING INSTRUMENTATION) OR OTHER REPORTS REQUESTED BY THE EPD, EROSION, SEDIMENTATION AND POLLUTION CONTROL PLANS, RECORDS OF ALL DATA USED TO COMPLETE THE NOTICE OF INTENT TO BE COVERED BY THIS PERMIT AND ALL OTHER RECORDS REQUIRED BY THE PERMIT SHALL BE RETAINED

BY THE PERMITTEE WHO EITHER PRODUCED OR USED IT FOR A PERIOD OF AT LEAST THREE YEARS FROM THE DATE THAT THE NOT IS SUBMITTED IN ACCORDANCE WITH PART VI. OF THIS PERMIT. THESE RECORDS MUST BE MAINTAINED AT THE PERMITTEE'S PRIMARY PLACE OF BUSINESS OR AT A DESIGNATED ALTERNATIVE LOCATION ONCE THE CONSTRUCTION ACTIVITY HAS CEASED AT THE PERMITTED SITE. THIS PERIOD MY BE EXTENDED BY REQUEST OF THE EPD AT ANY TIME UPON WRITTEN NOTIFICATION TO THE PERMITTEE.

32 ANALYTICAL METHODS:

All sampling shall be collected by "grab samples" and the analysis of these samples must be

conducted in accordance with methodology and test procedures established by 40 CFR part 136

(unless other test procedures have been approved); the guidance document titled "NPDES storm water sampling guidance document, EPA 833-b-92-001" and guidance documents that may be

- prepared by the EPD.
- (1). Sample containers should be labeled prior to collecting the samples
- (2). Samples should be well mixed before transferring to a secondary container.
- (3). Large mouth, well cleaned and rinsed glass or plastic jars should be used for collecting
- samples. The jars should be cleaned thoroughly to avoid contamination.

(4). Manual, automatic or rising stage sampling may be utilized. Samples required by this permit should be analyzed immediately, but in no case later than 48 hours after collection. However, samples from automatic samplers must be collected no later than the next business day after their accumulation, unless flow through automated analysis is utilized. Dilution of samples is not required. Samples may be analyzed directly with a properly calibrated turbidimeter. Samples are not required to be cooled. (5). Sampling and analysis of the receiving water(s) or outfalls beyond the minimum frequency stated in this permit must be reported to EPD as

Sampling points:

33

specified in part IV.E

(1). For construction activities the primary permittee must sample all receiving water(s), or all outfall(s), or a combination of receiving water(s) and outfall(s). Samples taken for the purpose of compliance with this permit shall be representative of the monitored activity and representative of the water quality of the receiving water(s) and/or the storm water outfalls using the following minimum guidelines:

(a). The upstream sample for each receiving water(s) must be taken immediately upstream of the confluence of the first storm water discharge from the permitted activity (i.e., the discharge farthest upstream at the site) but downstream of any other storm water discharges not associated with the permitted activity. Where appropriate, several upstream samples from across the receiving water(s) may need to be taken and the arithmetic average of the turbidity of these samples used for the upstream turbidity value.

(b). The downstream sample for each receiving water(s) must be taken downstream of the confluence of the last storm water discharge from the permitted activity (i.e., the discharge farthest downstream at the site) but upstream of any other storm water discharge not associated with the permitted activity. Where appropriate, several downstream samples from across the receiving water(s) may need to be taken and the arithmetic average of the turbidity of these samples used for the downstream turbidity value.

(c). Ideally the samples should be taken from the horizontal and vertical center of the receiving water(s) or the storm water outfall channel(s). (d). Care should be taken to avoid stirring the bottom sediments in the receiving water(s) or in the outfall storm water channel. DISTURBED AREA = 9.1 AC Waters Supporting Warm Water Fisheries

BASIN AREA =79.8ac Surface Water Drainage Area, square miles

	= 0.12 so	q. mi.	Surface	Surface water Drainage Area, square miles									
		0-4.99	5-9.99	10-24.99	25-49.99	50-99.99	100-249.99	250-499.99	500+				
	0.00-10	-75	150	200	400	750	750	750	750				
Site Size,	10.01-25	50	100	100	200	300	500	750	750				
acres	25.01-50	50	50	100	100	200	300	750	750				
	50.01-100	50	50	50	100	100	150	300	600				
	100.01 +	50	50	50	50	50	100	200	100				

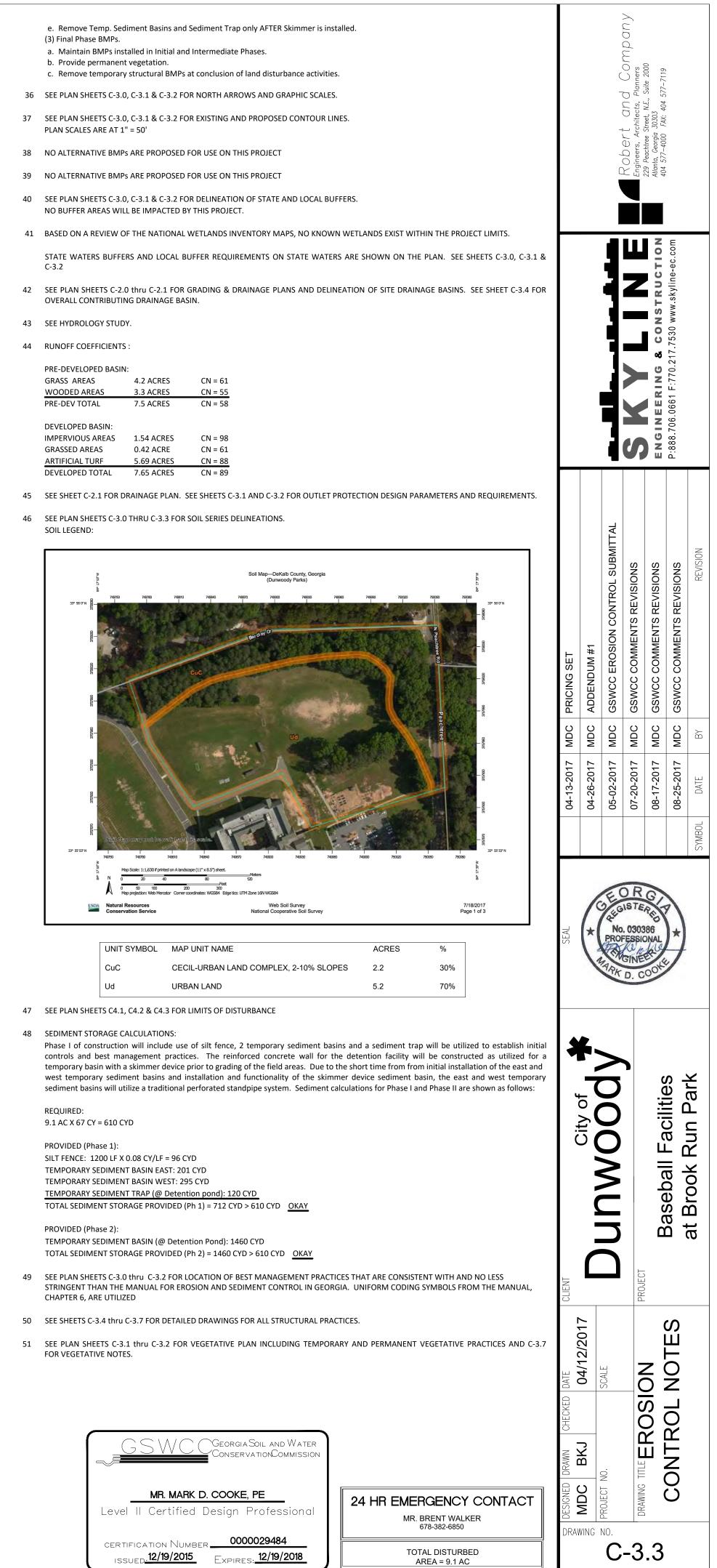
34 SEE SHEETS C-3.0, C3.1 & C-3.2 FOR SAMPLING POINT LOCATIONS.

35 Description of appropriate controls and measures that will be implemented at the construction site including:

(1) Initial Phase BMPs;

- a. Install Tree Protection Fencing prior to any land disturbance activity.
- b. Install Construction Exit prior to any land disturbance activity.
- c. Install perimeter silt fence prior to any land disturbance activity.
- d. Install temporary Sediment Basins and Sediment Trap.
- e. Install Seep Berm f. Install 4' x 8' sign as required by Appendix 1, Item D.
- g. Install concrete washout area.
- (2) Intermediate Phase BMPs:
- a. Maintain BMPs installed in Initial Phase.
- b. Install wall for Detention Pond / Install Skimmer.
- c. Install Sediment Barriers, Check Dams and Outlet Protection (Rip Rap) as shown on plans. d. Provide Dust Control, Temporary Protection (mulching) and Temporary Seeding.

EROSION NOTES



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NOTE TO PERMITTEE OWNER/OPERATOR SHALL BE RESPONSIBLE FOR THE NATIONAL POLLUTION DISCHARGE ELIMINATION SYSTEM (NPDES) PERMIT THAT IS REQUIRED WHEN 1 (ONE) OR MORE ACRES ARE DISTURBED AT A SITE. THE OWNER/OPERATOR SHALL COMPLETE AND SUBMIT BY RETURN RECEIPT CERTIFIED MAIL (OR SIMILAR SERVICE) A "NOTICE OF INTENT" (N.O.I.) AT LEAST 14 DAYS PRIOR TO THE COMMENCEMENT OF ANY CONSTRUCTION ACTIVITIES. A "NOTICE OF TERMINATION" (N.O.T.) SHALL BE SUBMITTED BY THE OWNER/OPERATOR ONLY AFTER ALL CONSTRUCTION ACTIVITIES HAVE CEASED, FINAL STABILIZATION HAS BEEN IMPLEMENTED (BY THE PRIMARY AND ANY SECONDARY PERMITTEES), AND THE SITE IS IN COMPLIANCE WITH THE PERMIT. ALL NOTICES SHALL BE SENT TO THE FOLLOWING:

MOUNTAIN DISTRICT - ATLANTA SATELLITE GEORGIA ENVIRONMENTAL PROTECTION DIVISION 4244 INTERNATIONAL PARKWAY, SUITE 114 ATLANTA, GEORGIA 30354-3906 404-362-2671

NOTE TO CONTRACTOR

THE PRIMARY, SECONDARY OR TERTIARY PERMITTEE SHALL MAKE EROSION, SEDIMENTATION & POLLUTION CONTROL PLANS AVAILABLE UPON REQUEST TO DESIGNATED OFFICIALS OF THE LOCAL GOVERNMENT. INSPECTIONS SHALL BE DONE BY CERTIFIED PERSONNEL PROVIDED BY THE PRIMARY PERMITTEE AND THE ASSOCIATED RECORDS SHALL BE KEPT ON-SITE IN COMPLIANCE WITH GAR100001

CONTRACTOR SHALL BE RESPONSIBLE FOR ADHERING TO AND MAINTAINING THE REQUIREMENTS OF THE EROSION, SEDIMENTATION POLLUTION CONTROL PLAN (ESPCP) AS SHOWN ON THE DRAWINGS AND INCLUDED IN THE GENERAL PERMIT DOCUMENT NO. GAR100001. PERMIT DOCUMENTS CAN BE OBTAINED FROM ABOVE ADDRESS.

OWNER/OPERATOR SHALL NOTIFY THE ENGINEER OF THE STARTING DATE OF CONSTRUCTION. THE ENGINEER IS REQUIRED TO INSPECT THE INSTALLATION OF THE EROSION CONTROL MEASURES (BMP'S) AS SHOWN ON THE DRAWINGS AND IN THE ESPCP WITHIN ONE WEEK AFTER INITIAL INSTALLATION OF BMP'S.

EROSION, SEDIMENTATION & POLLUTION CONTROL PLAN (ESPCP)

. GENERAL NOTES:

THE ESPCP MUST BE COMPLETED PRIOR TO THE START OF ANY LAND DISTURBANCE ACTIVITY 2. THE PLAN SHALL BE BASED ON AND ADHERE TO (AT A MINIMUM) THE PRACTICES CONTAINED IN THE "MANUAL FOR EROSION AND SEDIMENT CONTROL IN GEORGIA".

3. A COPY OF THE ESPCP SHALL BE KEPT AT THE CONSTRUCTION SITE AT ALL TIMES.

4. THE ESPCP SHALL BE REVISED TO REFLECT ANY CONSTRUCTION CHANGES THAT COULD EFFECT THE POTENTIAL FOR DISCHARGE OF POLLUTANTS INTO ADJACENT STATE WATERS. 5. THE ESPCP SHALL INCORPORATE THE EROSION CONTROL PLANS (SHEETS C3.0 THRU C3.2), WHICH SHALL BE REFERRED TO

HEREIN.

II. CONTROLS:

I. EROSION AND SEDIMENT CONTROLS:

A. GENERAL CRITERIA AND REQUIREMENTS:

ALL CONTROL MEASURES SHALL BE INSTALLED, AND MAINTAINED IN ACCORDANCE WITH THE MANUFACTURER'S SPECIFICATIONS AND GOOD ENGINEERING PRACTICES. IF A CONTROL HAS BEEN USED INAPPROPRIATELY, OR INCORRECTLY, THE PERMITTEE MUST REPLACE OR MODIFY THE CONTROL FOR SITE SITUATIONS.

IF SEDIMENT ESCAPES THE CONSTRUCTION SITE, IT MUST BE REMOVED (FROM OFFSITE AREAS) AT A FREQUENCY SUFFICIENT TO MINIMIZE OFFSITE IMPACTS.

SEDIMENT SHOULD BE REMOVED FROM SEDIMENT TRAPS, SILT FENCES, STORM STRUCTURES, AND OTHER SEDIMENT CONTROLS AS NECESSARY, AND MUST BE REMOVED WHEN DESIGN CAPACITY HAS BEEN REDUCED BY 50%

LITTER, CONSTRUCTION DEBRIS, AND CONSTRUCTION CHEMICALS EXPOSED TO STORM WATER SHALL BE PICKED UP PRIOR TO ANTICIPATED STORM EVENTS, OR OTHERWISE PREVENTED FROM BECOMING A POLLUTANT SOURCE FOR STORM WATER DISCHARGES

OFFSITE MATERIAL STORAGE AREAS (ALSO INCLUDING OVERBURDEN AND STOCKPILES OF DIRT, ETC.) USED SOLELY BY THE PERMITTED PROJECT ARE CONSIDERED A PART OF THE PROJECT AND SHALL BE ADDRESSED IN THE POLLUTION PREVENTION PLAN.

PRE-CONSTRUCTION VEGETATIVE GROUND COVER SHALL NOT BE DESTROYED, REMOVED OR DISTURBED MORE THAN 20 CALENDAR DAYS PRIOR TO GRADING OR EARTH MOVING UNLESS THE AREA IS SEEDED AND/OR MULCHED OR OTHER TEMPORARY COVER IS INSTALLED.

CLEARING AND GRUBBING MUST BE HELD TO THE MINIMUM NECESSARY FOR GRADING AND EQUIPMENT OPERATION. CONSTRUCTION MUST BE SEQUENCED TO MINIMIZE THE EXPOSURE TIME OF GRADED OR DENUDED AREAS. AMENDMENTS /REVISIONS TO THE ESPC PLAN WHICH HAVE SIGNIFICANT EFFECT ON BMP'S WITH A HYDRAULIC COMPONENT,

MUST BE CERTIFIED BY THE DESIGN PROFESSIONAL EROSION AND SEDIMENT CONTROL MEASURES MUST BE IN PLACE AND FUNCTIONAL BEFORE EARTH MOVING OPERATIONS BEGIN, AND MUST BE CONSTRUCTED AND MAINTAINED THROUGHOUT THE CONSTRUCTION PERIOD.

THE FOLLOWING RECORDS SHALL BE MAINTAINED ON SITE: THE DATES WHEN MAJOR GRADING ACTIVITIES OCCUR: THE DATES WHEN CONSTRUCTION ACTIVITIES TEMPORARILY OR PERMANENTLY CEASE ON A PORTION OF THE SITE; AND THE DATES WHEN STABILIZATION MEASURES ARE INITIATED.

A SPECIFIC INDIVIDUAL SHALL BE DESIGNATED TO BE RESPONSIBLE FOR EROSION AND SEDIMENT CONTROLS ON EACH PROJECT SITE.

B. STABILIZATION PRACTICES: (1) GENERAL

ALL UNDISTURBED BUFFERS SHALL BE FLAGGED/FENCED IN THE FIELD PRIOR TO THE START OF CLEARING (IN ORDER TO PREVENT DAMAGE TO THOSE AREAS).

EXCEPT AS NOTED IN ITEMS (a) AND (b) BELOW, STABILIZATION MEASURES SHALL BE INITIATED AS SOON AS PRACTICABLE IN PORTIONS OF THE SITE WHERE CONSTRUCTION ACTIVITIES HAVE TEMPORARILY OR PERMANENTLY CEASED, BUT IN NO CASE MORE THAN FOURTEEN DAYS AFTER THE CONSTRUCTION ACTIVITY IN THAT PORTION OF THE SITE HAS TEMPORARILY OR PERMANENTLY CEASED.

(a) WHERE THE INITIATION OF STABILIZATION MEASURES BY THE 14TH DAY AFTER CONSTRUCTION ACTIVITY

TEMPORARILY OR PERMANENTLY CEASED IS PRECLUDED BY SNOW COVER OR OTHER ADVERSE WEATHER CONDITIONS, STABILIZATION

MEASURES SHALL BE INITIATED AS SOON AS PRACTICABLE.

(b) WHERE CONSTRUCTION ACTIVITY WILL RESUME ON A PORTION OF THE SITE WITHIN 21 DAYS FROM WHEN ACTIVITIES CEASED, (i.e., THE TOTAL TIME PERIOD THAT CONSTRUCTION ACTIVITY IS TEMPORARILY CEASED IS LESS THAN 21 DAYS) THEN STABILIZATION MEASURES DO NOT HAVE TO BE INITIATED ON THAT PORTION OF SITE BY THE 14TH DAY AFTER CONSTRUCTION ACTIVITY TEMPORARILY CEASED.

TEMPORARY OR PERMANENT SOIL STABILIZATION SHALL BE ACCOMPLISHED WITHIN 15 DAYS AFTER FINAL GRADING OR OTHER EARTH WORK. PERMANENT STABILIZATION WITH PERENNIAL VEGETATION OR OTHER PERMANENTLY STABLE, NON-ERODING SURFACE SHALL REPLACE ANY TEMPORARY MEASURES AS SOON AS PRACTICABLE.

(2) SPECIFIC

ALL STEEP SLOPES SHALL RECEIVE A TEMPORARY GRASS COVER UPON COMPLETION, AS WELL AS A FIBER MATTING (FOR GRASS STABILIZATION)

GRASSED AREAS SHALL BE PERIODICALLY MONITORED, AND IF BEAR AREAS OCCUR, THEN RE-SEEDING SHALL BE REQUIRED. STABILIZATION MEASURES ARE SHOWN ON THE EROSION CONTROL PLANS, SHEETS C3.0 THROUGH C3.4.

C. STRUCTURAL PRACTICES:

ANY MUDDY WATER TO BE PUMPED FROM EXCAVATIONS SHALL BE DIRECTED THROUGH AND HELD IN SEDIMENT BASINS AND DETENTION POND.

ALL STRUCTURAL MEASURES TO BE USED SHALL BE INSTALLED (WHEN PRACTICAL/FEASIBLE) PRIOR TO THE START OF ANY GRADING ACTIVITY.

SILT FENCES OF WIRE & FABRIC WITH METAL POSTS SHALL BE INSTALLED AT THE TOE OF ALL SLOPES AND AT THE DOWNSIDE PERIMETER OF ALL SLOPED AREAS, AND WHERE SHOWN ON PLANS. RIP RAP SHALL BE PLACED AT THE OUTLET END OF ALL HEADWALL STRUCTURES TO SERVE AS FLOW DISSIPATERS, AS WELL AS

TO PROVIDE A FILTERING MECHANISM FOR SILT. THE RIP RAP AREAS WILL BE SIZED ACCORDING TO PIPE SIZE AND DRAINAGE FLOW. A STONE FILTER BASE SHALL BE USED AT THE PRIME CONSTRUCTION ENTRANCE(S) TO PROVIDE A MEANS TO FILTER OUT

SEDIMENT AND REDUCE THE AMOUNT OF DIRT THAT WILL BE DEPOSITED ON ADJACENT ROAD AREAS. SEE SHEETS C3.0 - C3.6 FOR CONSTRUCTION EXIT LOCATION AND DETAILS. THE PAVED STREET ADJACENT TO THE SITE EXIT WILL BE INSPECTED DAILY FOR TRACKING OF MUD, DIRT, OR ROCK. DUMP TRUCKS HAULING MATERIAL FROM THE CONSTRUCTION SITE WILL BE COVERED WITH A TARPAULIN.

GRASSED DRAINAGE SWALES SHALL BE INSTALLED TO CONTROL AND DIRECT SOME OF THE SITE RUNOFF. ALL INLET STRUCTURES WILL BE RETROFITTED TO CREATE TEMPORARY SEDIMENT TRAPS DURING CONSTRUCTION. AREAS WILL BE DUG OUT AROUND THE STRUCTURES TO SERVE AS MINI SEDIMENT BASINS.

SURFACE ROUGHENING WILL BE USED TO ESTABLISH VEGETATIVE COVER WITH SEED TO REDUCE RUNOFF VELOCITY AND INCREASE INFILTRATION TO REDUCE EROSION AND PROVIDE FOR SEDIMENT TRAPPING.

<u>SKIMMER SIZING (Sk-2)</u> DEPTH AT <u>SED VOL = 2.4'</u> <u>REQ'D CLEANOUT DEPTH =0.9'</u> 2. TIME TO DRAIN (HRS) = 48 HOURS

<u>SKIMMER SIZING (Sk-3)</u> 1. POND, TRAP OR BASIN SIZE, LENGTH * (TOP AND BOTTOM) WIDTH * (TOP AND BOTTOM) AND DEPTH AT TOTAL SEDIMENT

STORAGE ELEVATION = Lava = 96'; Wava = 40'; D = 4.0'; TOTAL STORAGE = 480 cyd; REQ'D SEDIMENT VOL = 201 cyd; DEPTH AT SED VOL = 2.1'REQ'D CLEANOUT DEPTH =0.7' 2. TIME TO DRAIN (HRS) = 48 HOURS 3. SKIMMER DIMENSIONS (ORIFICE AND HEADSIZE) = 2.0° SKIMMER / $1.8^{\circ}\phi$ ORIFICE 4. MANUFACTURER'S NAME: J.W Faircloth & Son, Inc.

EROSION NOTES & DETAILS

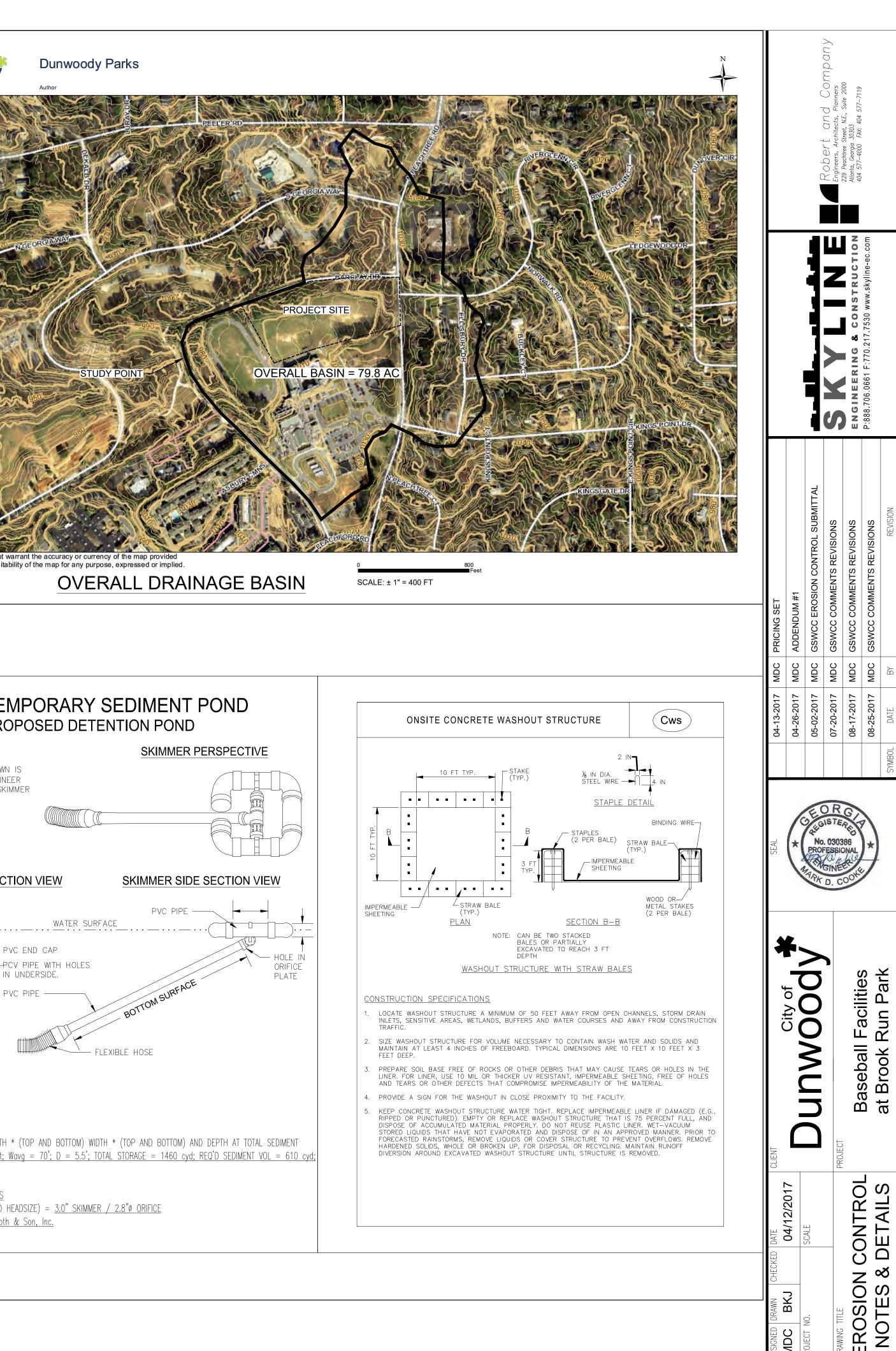
4. MANUFACTURER'S NAME: J.W Faircloth & Son, Inc.

3. SKIMMER DIMENSIONS (ORIFICE AND HEADSIZE) = <u>2.5" SKIMMER / 2"Ø ORIFICE</u>

1. POND, TRAP OR BASIN SIZE, LENGTH * (TOP AND BOTTOM) WIDTH * (TOP AND BOTTOM) AND DEPTH AT TOTAL SEDIMENT STORAGE ELEVATION = Lavg = 125'; Wavg = 42'; D = 4.4'; TOTAL STORAGE = 570 cyd; REQ'D SEDIMENT VOL = 295 cyd;

I EXIBLE HOSE SKIMMER SIZING (Sk-1) DEPTH AT SED VOL = 2.2'<u>REQ'D CLEANOUT DEPTH =0.8'</u> 2. TIME TO DRAIN (HRS) = <u>48 HOURS</u> 3. SKIMMER DIMENSIONS (ORIFICE AND HEADSIZE) = 3.0° SKIMMER / $2.8^{\circ}\phi$ ORIFICE

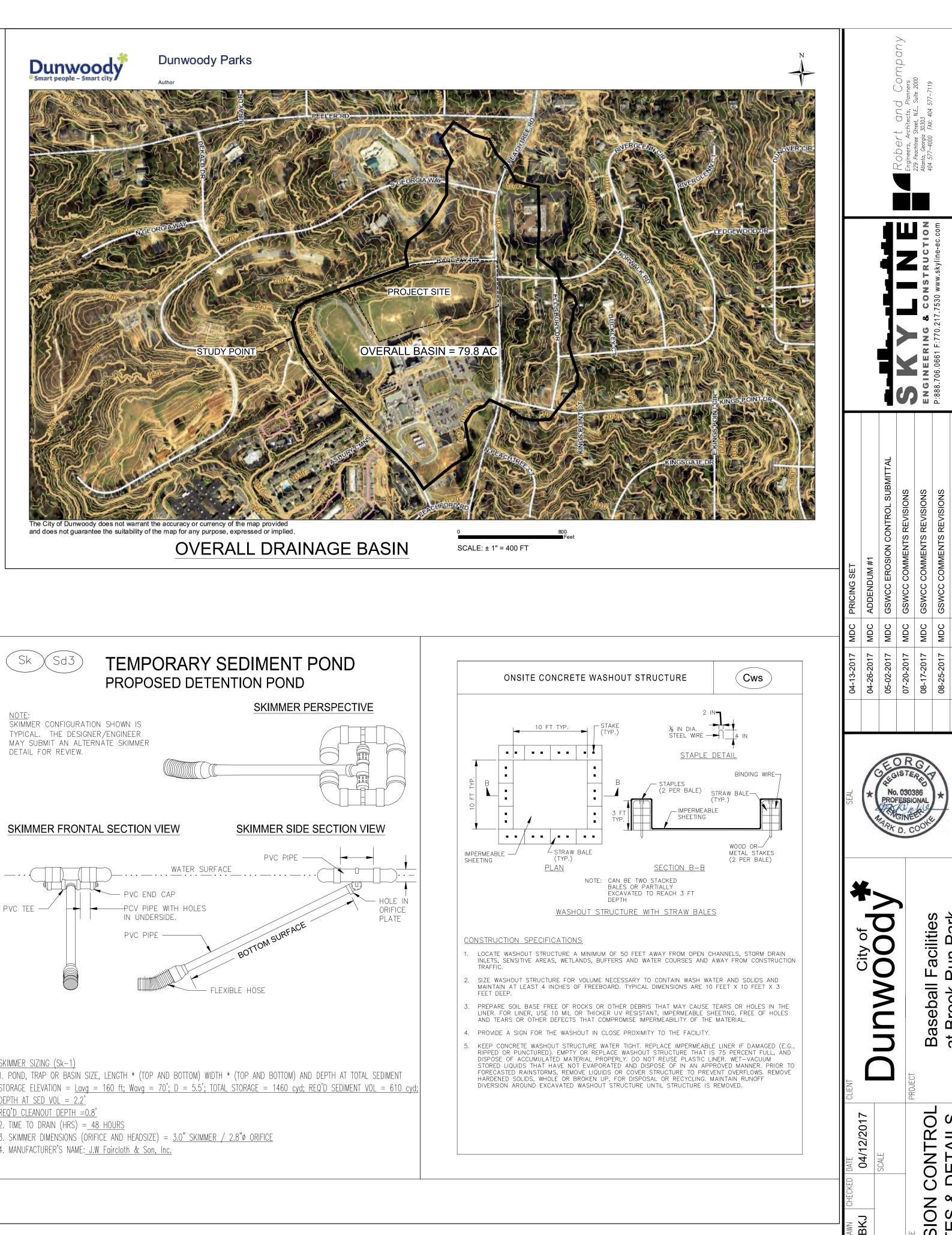
SKIMMER FRONTAL SECTION VIEW PVC PIPE -WATER SURFACE - PVC END CAP -PCV PIPE WITH HOLES PVC TEE -IN UNDERSIDE. PVC PIPE



RAWING NO.

C-3.4

OF

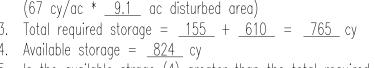


Clean-out elevation = <u>4.4</u> ft 8. Is the length—width ratio 2:1 or greater?

(____yes _<u>x</u>_no)

If "no", the length of flow must be increased. Choose the method to be used: <u>x</u> Baffles (Type of baffle: <u>SILT FE</u>NCE)

____ Other _____ Note the CMP diamater and height if a half-round CMP retrofit is to be used.



4. Available storage = <u>824</u> cy

5. Is the available strage (4) greater than the total required storage (3)? (<u>x</u> yes ____ no)

5. If "no", the sediment storage capacity of the pond must be increased. Choose the method to be used: ____ Raise the invert of the outlet structure ____ inches

____ Undercut the pond ____ feet

____ Other ____

Required stormwater storage = <u>155</u> cy

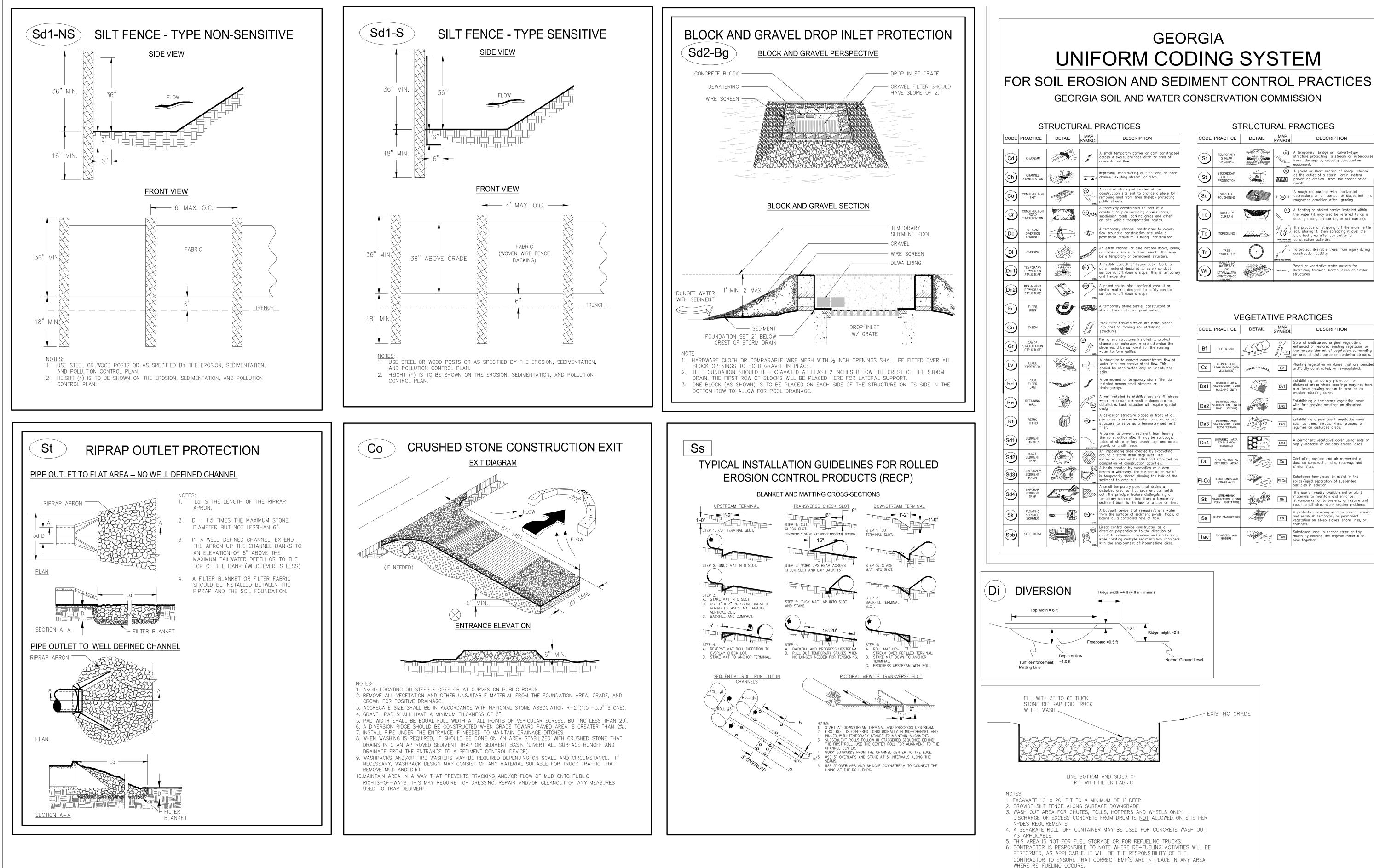
Required sediment storage = <u>610</u> cy

- (Elevation corresponding to 22 cy/ac * <u>9.1</u> ac disturbed area)

Rt-B Calculations

- Diameter <u>n/a</u> inches Height = <u>n/a</u> feet

NOTE: SLOTTED BOARD DRAIN TYPE RETROFIT TO BE USED.



NOT TO SCALE

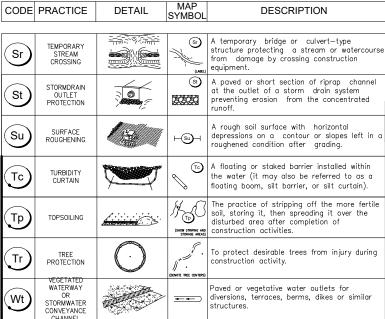
EROSION DETAILS

UNIFORM CODING SYSTEM

GEORGIA SOIL AND WATER CONSERVATION COMMISSION

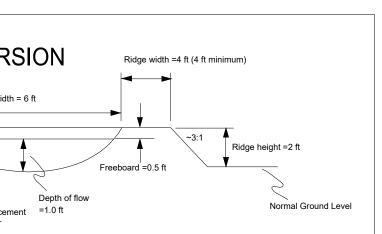
E	DETAIL	MAP SYMBOL	DESCRIPTION
И		J	A small temporary barrier or dam constructed across a swale, drainage ditch or area of concentrated flow.
ĪON		T	Improving, constructing or stabilizing an open channel, existing stream, or ditch.
10N			A crushed stone pad located at the construction site exit to provide a place for removing mud from tires thereby protecting public streets.
10N ION		(vail)	A travelway constructed as part of a construction plan including access roads, subdivision roads, parking areas and other on-site vehicle transportation routes.
N			A temporary channel constructed to convey flow around a construction site while a permanent structure is being constructed.
I			An earth channel or dike located above, below or across a slope to divert runoff. This may be a temporary or permanent structure.
Y N E			A flexible conduit of heavy—duty fabric or other material designed to safely conduct surface runoff down a slope. This is temporary and inexpensive.
IT N E		Dn2 (ABEL)	A paved chute, pipe, sectional conduit or similar material designed to safely conduct surface runoff down a slope.
	I		A temporary stone barrier constructed at storm drain inlets and pond outlets.
		Ĵ	Rock filter baskets which are hand-placed into position forming soil stabilizing structures.
ON E			Permanent structures installed to protect channels or waterways where otherwise the slope would be sufficient for the running water to form gullies.
र		÷	A structure to convert concentrated flow of water into less erosive sheet flow. This should be constructed only on undisturbed soils.
		ſ	A permanent or temporary stone filter dam installed across small streams or drainageways.
;	j j j	Re	A wall installed to stabilize cut and fill slopes where maximum permissible slopes are not obtainable. Each situation will require special design.
	F		A device or structure placed in front of a permanent stormwater detention pond outlet structure to serve as a temporary sediment filter.
		(NDKATE TPPE)	A barrier to prevent sediment from leaving the construction site. It may be sandbags, bales of straw or hay, brush, logs and poles, gravel, or a silt fence.
			An impounding area created by excavating around a storm drain drop inlet. The excavated area will be filled and stabilized on completion of construction activities.
Y	ÂĴ	Sd3 (LABEL)	A basin created by excavation or a dam across a waterway. The surface water runoff is temporarily stored allowing the bulk of the sediment to drop out.
Y.			A small temporary pond that drains a disturbed area so that sediment can settle out. The principle feature distinguishing a temporary sediment trap from a temporary sediment basin is the lack of a pipe or riser.
		Sk)~~	A buoyant device that releases/drains water from the surface of sediment ponds, traps, or basins at a controlled rate of flow.
м		(LABL)	Linear control device constructed as a diversion perpendicular to the direction of runoff to enhance dissipation and infiltration, while creating multiple sedimentation chambers with the employment of intermediate dikes.

STRUCTURAL PRACTICES

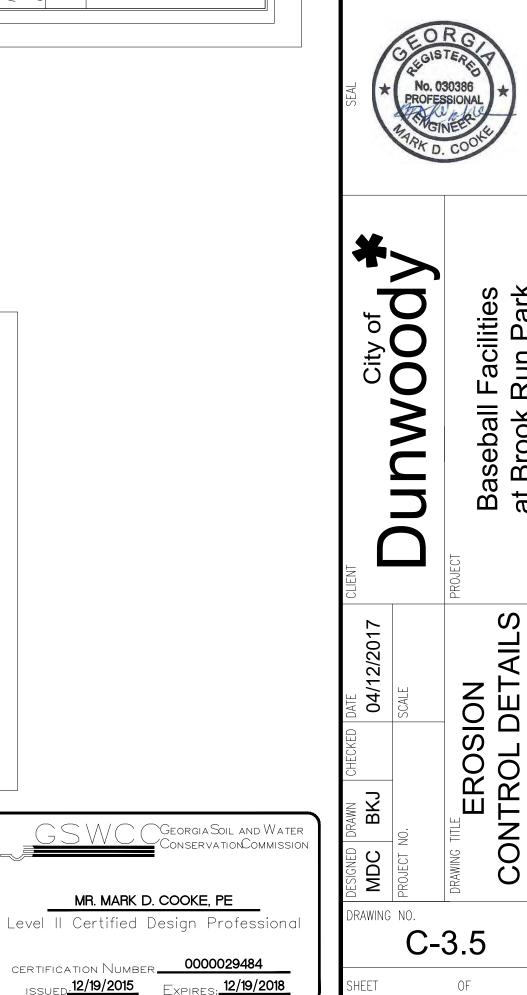


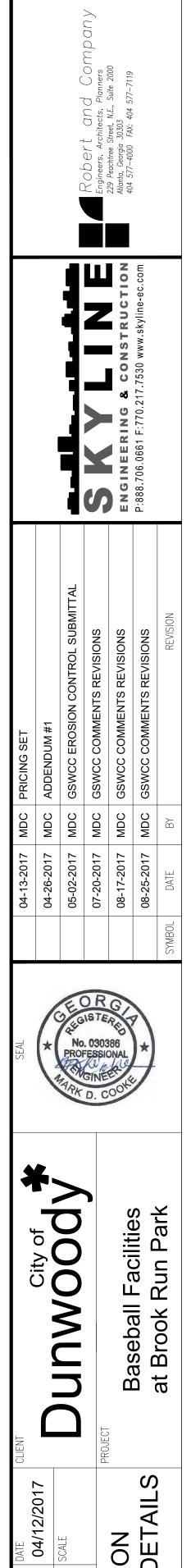
PRACTICE	DETAIL	MAP SYMBOL	DESCRIPTION							
BUFFER ZONE		Bf (LABIL)	Strip of undisturbed original vegetation, enhanced or restored existing vegetation or the reestablishment of vegetation surrounding an area of disturbance or bordering streams.							
COASTAL DUNE STABILIZATION (WITH VEGETATION)	++++++++++++++++++++++++++++++++++++++	Cs	Planting vegetation on dunes that are denuded artificially constructed, or re-nourished.							
DISTURBED AREA STABILIZATION (WITH MULCHING ONLY)		Ds1	Establishing temporary protection for disturbed areas where seedlings may not have a suitable growing season to produce an erosion retarding cover.							
DISTURBED AREA STABILIZATION (WITH TEMP SEEDING)		Ds2	Establishing a temporary vegetative cover with fast growing seedings on disturbed areas.							
DISTURBED AREA STABILIZATION (WITH PERM SEEDING)	1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1	Ds3	Establishing a permanent vegetative cover such as trees, shrubs, vines, grasses, or legumes on disturbed areas.							
DISTURBED AREA STABILIZATION (SODDING)	58	Ds4	A permanent vegetative cover using sods on highly erodable or critically eroded lands.							
DUST CONTROL ON DISTURBED AREAS		Du	Controlling surface and air movement of dust on construction site, roadways and similar sites.							
FLOCCULANTS AND COAGULANTS		FI-Co	Substance formulated to assist in the solids/liquid separation of suspended particles in solution.							
STREAMBANK STABILIZATION (USING PERM VEGETATION)		Sb	The use of readily available native plant materials to maintain and enhance streambanks, or to prevent, or restore and repair small streambank erosion problems.							
SLOPE STABILIZATION		Ss	A protective covering used to prevent erosion and establish temporary or permanent vegetation on steep slopes, shore lines, or channels.							
TACKIFIERS AND BINDERS		Tac	Substance used to anchor straw or hay mulch by causing the organic material to bind together.							
	BUFFER ZONE COASTAL DUNE STABILIZATION (WITH VEGETATION) DISTURBED AREA STABILIZATION (WITH MULCHING ONLY) DISTURBED AREA STABILIZATION (WITH PERM SEEDING) DISTURBED AREA STABILIZATION (WITH PERM SEEDING) DUST CONTROL ON DISTURBED AREA STABILIZATION (USING STREAMBANK TABILIZATION (USING STREAMBANK STREAMBANK STREAMBANK SUPPE STABILIZATION SLOPE STABILIZATION	BUFFER ZONE	PRACTICE DETAIL SYMBOL BUFFER ZONE Image: Constraint of the second of th							

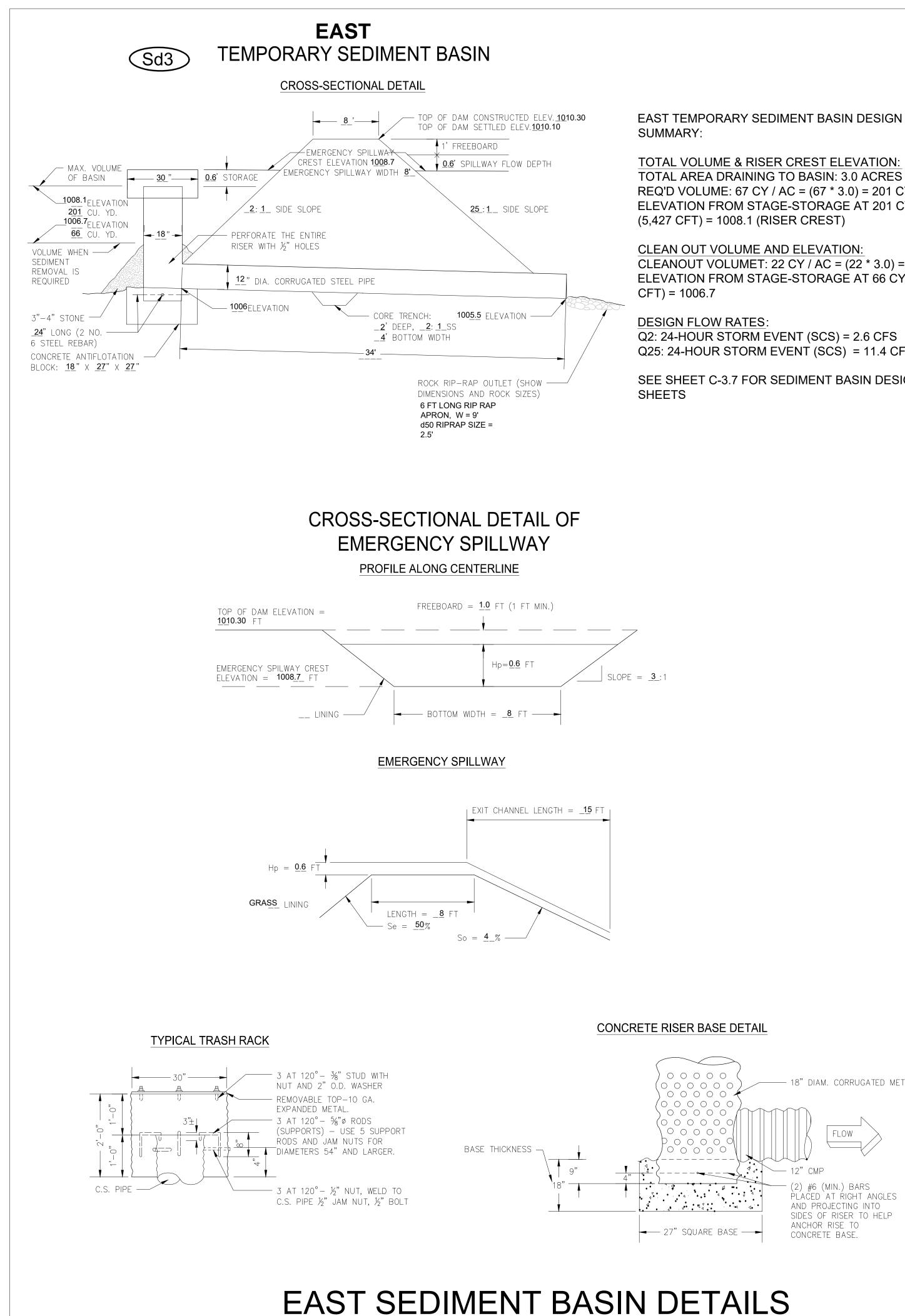
VEGETATIVE PRACTICES

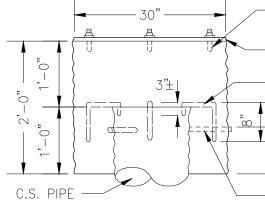


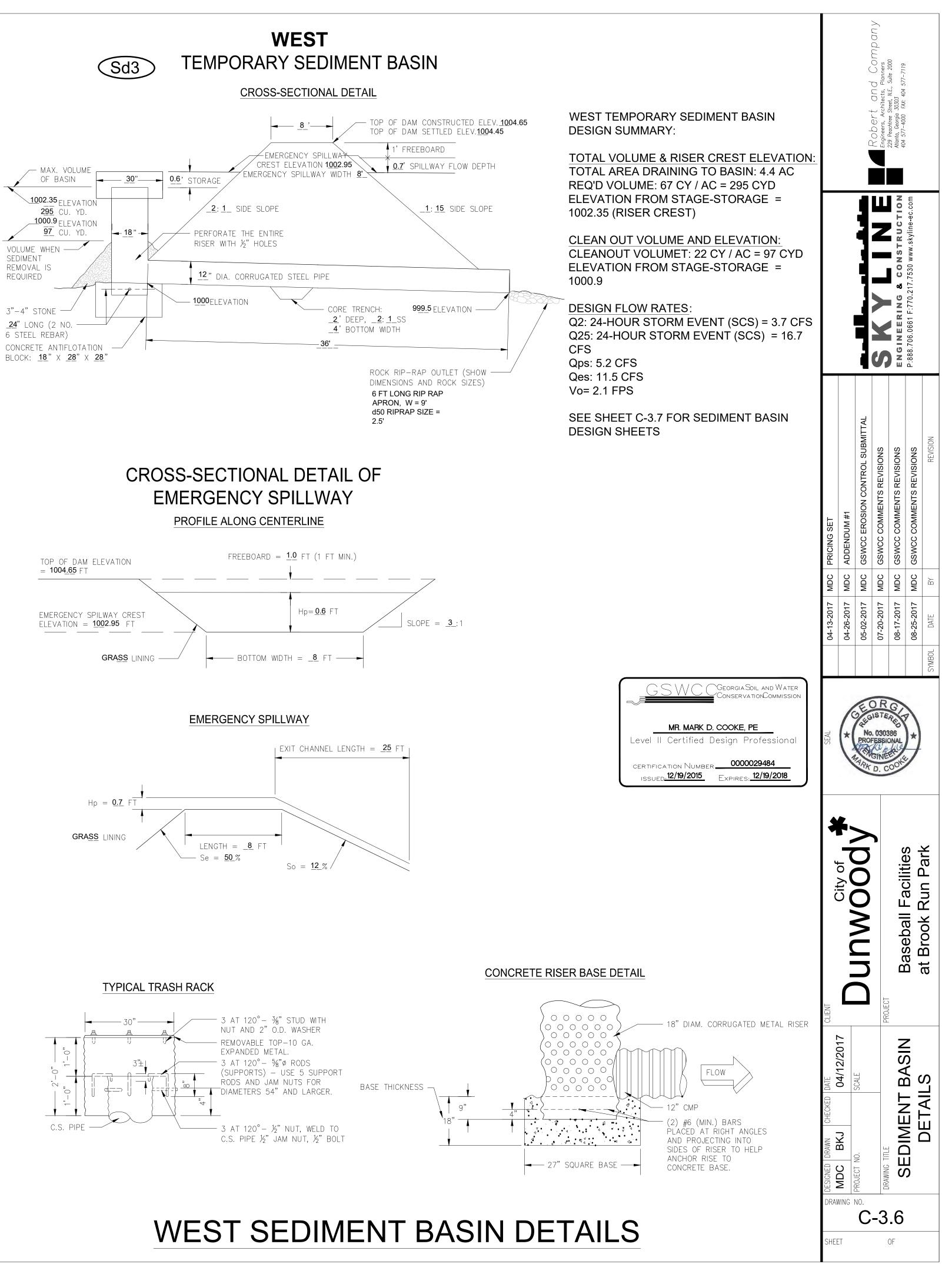
CONCRETE WASHDOWN AREA

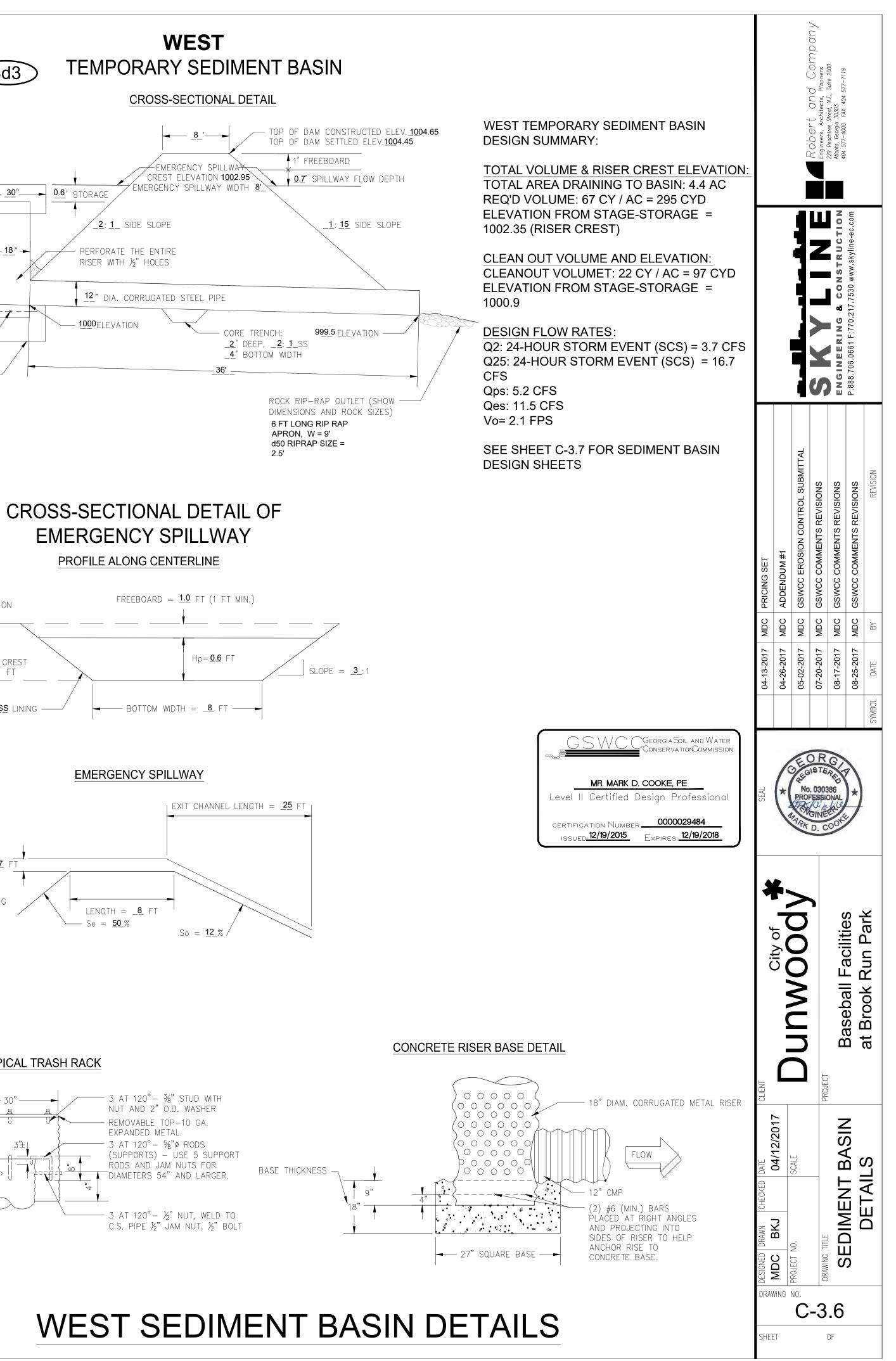


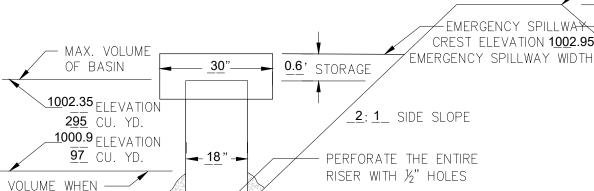












REQ'D VOLUME: 67 CY / AC = (67 * 3.0) = 201 CYD ELEVATION FROM STAGE-STORAGE AT 201 CYD

CLEANOUT VOLUMET: 22 CY / AC = (22 * 3.0) = 66 CYD ELEVATION FROM STAGE-STORAGE AT 66 CYD (1,782

Q25: 24-HOUR STORM EVENT (SCS) = 11.4 CFS

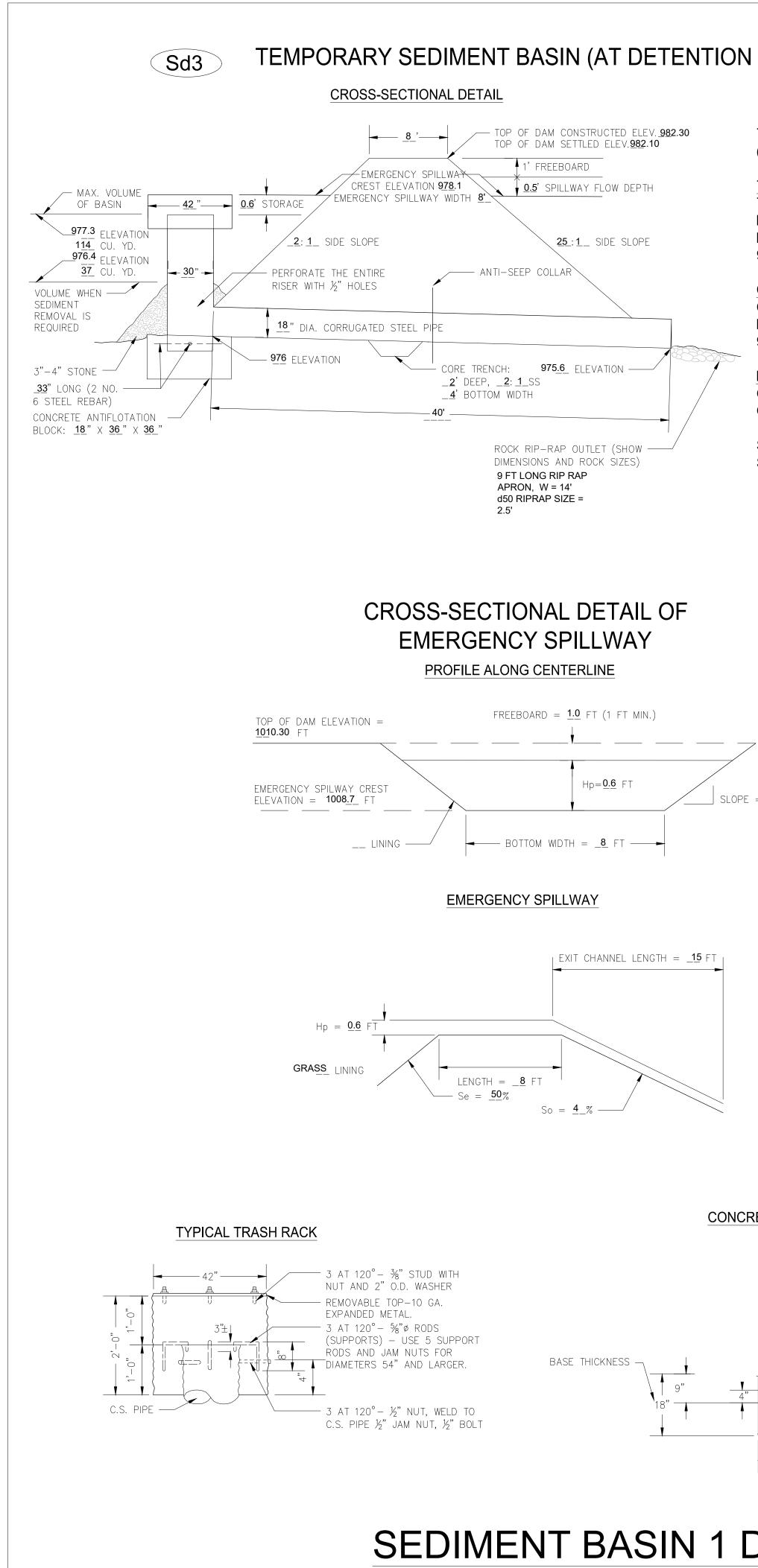
SEE SHEET C-3.7 FOR SEDIMENT BASIN DESIGN

- 18" DIAM. CORRUGATED METAL RISER

SEDIMENT

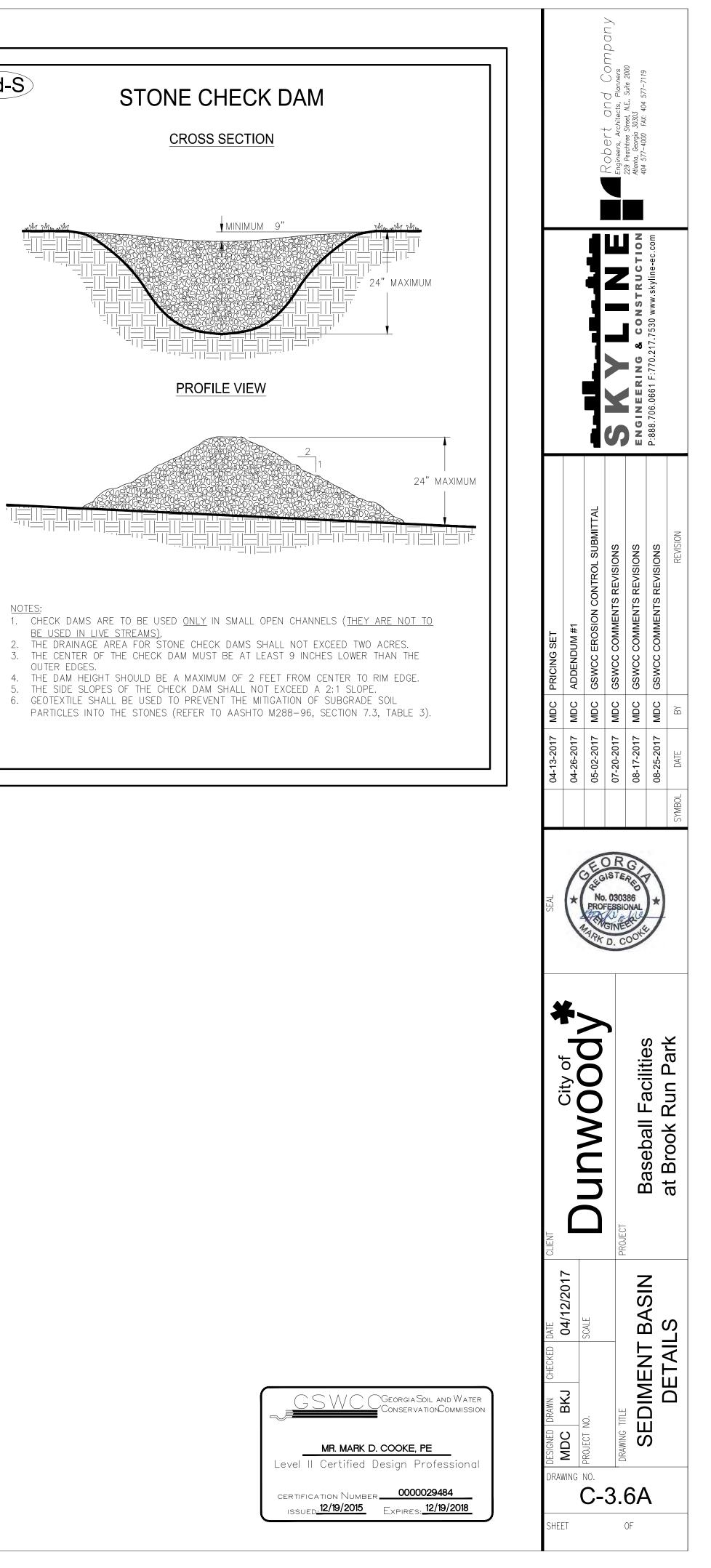
REQUIRED

REMOVAL IS

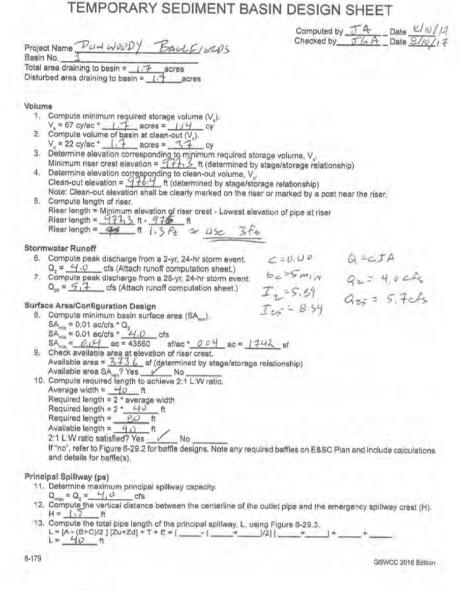


NTION	POND)	
	TEMPORARY SEDIMENT BASIN #1 (@ Detention Pond) DESIGN SUMMARY:	
	TOTAL VOLUME & RISER CREST ELEVATION: TOTAL AREA DRAINING TO BASIN: 1.7 ACRES REQ'D VOLUME: 67 CY / AC = (67 * 1.7) = 114 CYD ELEVATION FROM STAGE-STORAGE AT 114 CYD = 977.3 (RISER CREST)	
	CLEAN OUT VOLUME AND ELEVATION: CLEANOUT VOLUMET: 22 CY / AC = (22 * 1.7) = 37 CYD ELEVATION FROM STAGE-STORAGE AT 37 CYD = 976.4	
	DESIGN FLOW RATES: Q2: Rational Method = 4.0 CFS Q25: Rational Method = 5.7 CFS	
	SEE SHEET C-3.7 FOR SEDIMENT BASIN DESIGN SHEETS	
SLOPE	= <u>3</u> :1	
15 FT		
CONCF	RETE RISER BASE DETAIL	
- 4."" 	0 0	
1 [DETAILS	

Cd-S



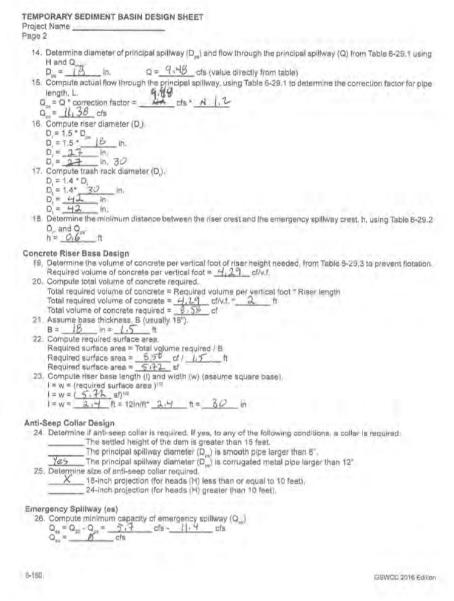




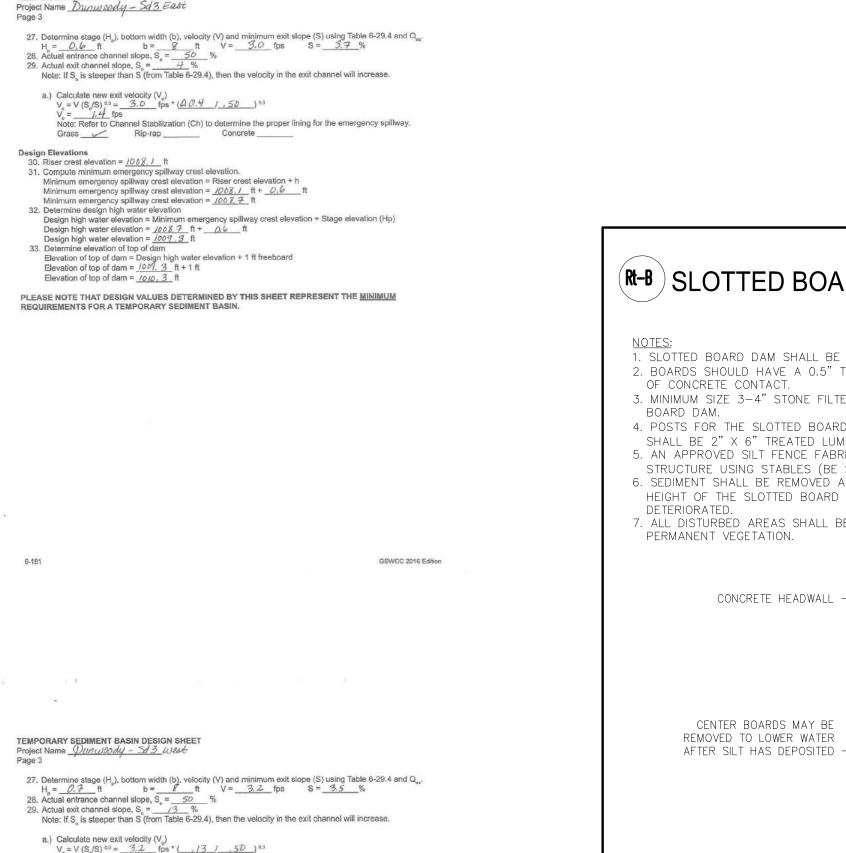
Volume

6-179

6-179



SEDIMENT BASIN #1 DESIGN



 $= V (S_0)^{\alpha_3} = 3.2$ fps * (____3 / ____5)^{\alpha_3} = 2.7 fps Note: Refer to Channel Stabilization (Ch) to determine the proper lining for the emergency spillway. Grass ____ Rip-rap ____ Concrete _____

Design Elevations 30. Riser crest elevation = 1002.35 ft

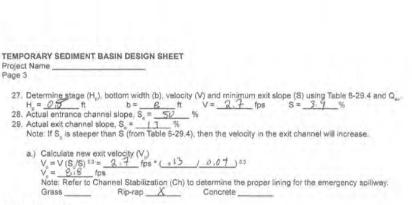
TEMPORARY SEDIMENT BASIN DESIGN SHEET

- 31. Computer minimum emergency spillway crest elevation. Minimum emergency spillway crest elevation = Riser crest elevation + h Minimum emergency spillway crest elevation = 1002, 35 ft + 0.4 ft
- Minimum emergency spillway crest elevation = 1002, 95 ft 32. Determine design high water elevation Design high water elevation = Minimum emergency spillway crest elevation + Stage elevation (Hp)
- Design high water elevation = $10^{0.2}$. 95° ft + 0.7 ft Design high water elevation = $10^{0.2}$. 95° ft
- 33. Determine elevation of top of dam
- Elevation of top of dam = Design high water elevation + 1 ft freeboard Elevation of top of dam = $\frac{1923, 65}{100}$ ft + 1 ft Elevation of top of dam = 1004. 45 ft
- PLEASE NOTE THAT DESIGN VALUES DETERMINED BY THIS SHEET REPRESENT THE MINIMUM

- REQUIREMENTS FOR A TEMPORARY SEDIMENT BASIN.







Design Elevations 30. Riser crest elevation = <u>9740</u> ft

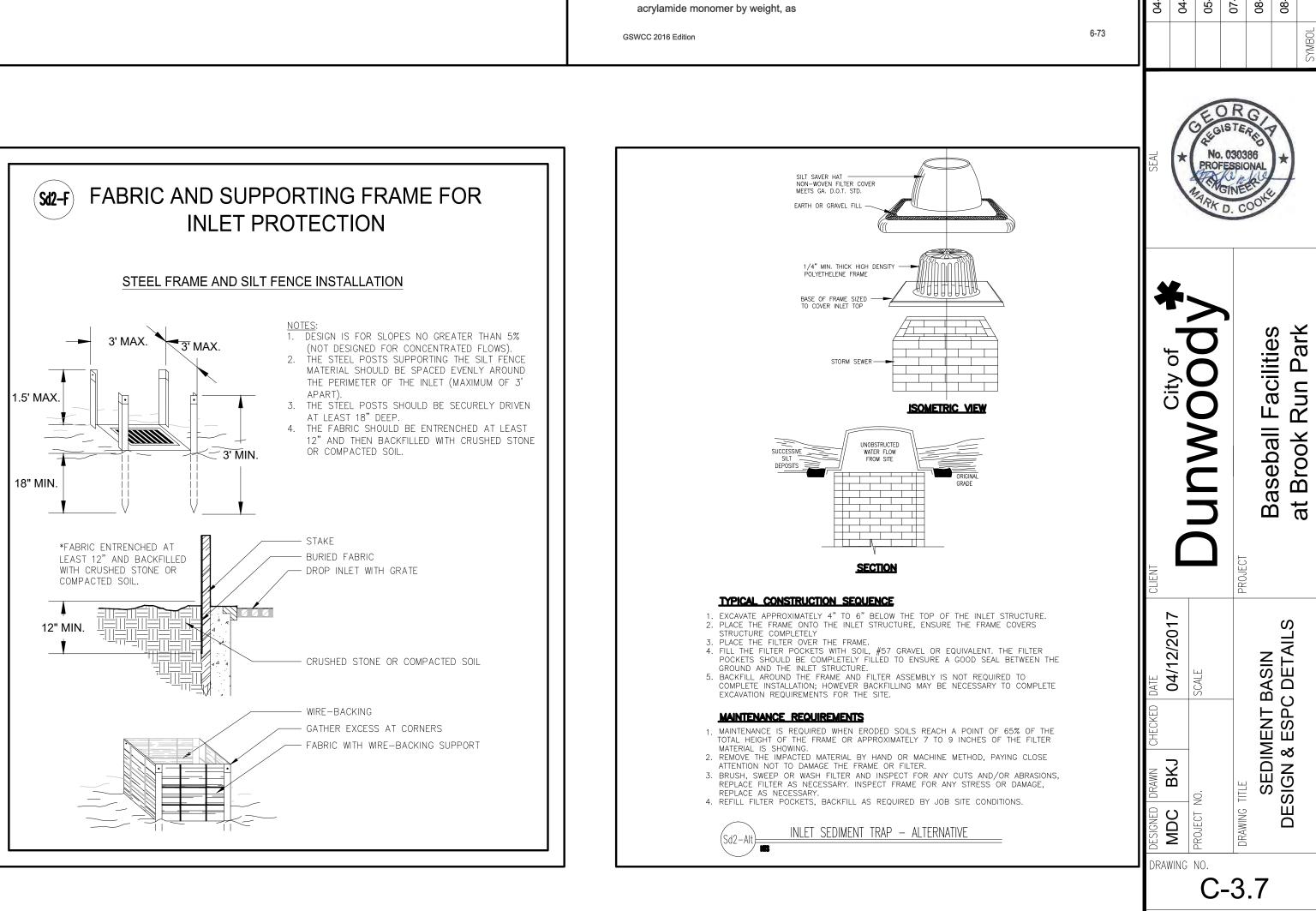
- Compute minimum emergency spillway crest elevation. Minimum emergency spillway crest elevation = Riser crest elevation + H Minimum emergency spillway crest elevation = <u>977</u> ft + <u>0.6</u> ft Minimum emergency spillway crest elevation = <u>978 /</u> ft 32. Determine design high water elevation

GSWCC 2018 Edition

- 33. Determine elevation of top of dam
- Elevation of top of dam = Design high water elevation + 1 ft freeboard Elevation of top of dam = $\underline{-978.6}$ ft + 1 ft Elevation of top of dam = 979.6 ft

6-181

PLEASE NOTE THAT DESIGN VALUES DETERMINED BY THIS SHEET REPRESENT THE MINIMUM REQUIREMENTS FOR A TEMPORARY SEDIMENT BASIN.



(Rt-B) SLOTTED BOARD DAM WITH FILTER FABRIC

- 1. SLOTTED BOARD DAM SHALL BE INSTALLED WITH MINIMUM SIZE 4" X 4" POSTS. 2. BOARDS SHOULD HAVE A 0.5" TO 1"SPACE BETWEEN THEM AND MUST HAVE GROUND OR BOTTOM
- OF CONCRETE CONTACT. 3. MINIMUM SIZE 3-4" STONE FILTER SHALL BE INSTALLED AROUND THE UPSTREAM SIDE OF THE
- BOARD DAM.
- 4. POSTS FOR THE SLOTTED BOARD DAM SHALL BE 4: X 4" TREATED LUMBER AND FACE BOARDS
- SHALL BE 2" X 6" TREATED LUMBER WITH NO SPACING ALLOWED BETWEEN BOARDS. 5. AN APPROVED SILT FENCE FABRIC SHALL BE SECURELY FASTENED TO THE FRONT OF THE
- DETERIORATED

CONCRETE HEADWALL -

FOOTING ------

APPROVED SILT FENCE FABRIC -------

- STRUCTURE USING STABLES (BE SURE TO HAVE SILT FENCE ON UPSTREAM SIDE OF STRUCTURE). 6. SEDIMENT SHALL BE REMOVED AND PROPERLY DISPOSED OF WHEN IT REACHES ONE-THIRD THE HEIGHT OF THE SLOTTED BOARD DAM. FILTER FABRIC SHALL BE REPLACED WHEN DAMAGED AND/OR 7. ALL DISTURBED AREAS SHALL BE VEGETATED IMMEDIATELY AFTER CONSTRUCTION WITH PERMANENT VEGETATION.

TOP VIEW

(PIPE I.D.)

▝▙▐▝▔▔▔▔▐▏▔▟

1' ["D" or 4' MAX.

FLOW

FRONT VIEW

_ __ __ .

- CONCRETE HEADWALL

- 2"X6" CAP PLATE - APPROVED SILT FENCE FABRIC — 2"X6" TREATED TIMBER - 4"X4" TREATED WOOD POST

_____ 2"X6" CAP PLATE ----- CONCRETE HEADWALL

> — 2'-0" MIN. (2/3 "D" NORMAL — 4" CONCRETE BOTTOM — 2"X6" TREATED TIMBER

TACKIFIERS Tac



DEFINITION

Tackifiers are used as a tie-down for soil, compost, seed, straw, hay or mulch. Tackifiers hydrate in water and readily blend with other slurry materials to form a homogenous slurry.

PURPOSE

To reduce soil erosion from wind and water on construction sites. Other benefits include soil infiltration, soil fertility, enhanced seed germination. increased soil cohesion, enhanced soil stabilization, reduced stormwater runoff turbidity and reduction in loss of topsoil.

CONDITIONS

This practice is intended for direct soil surface application to sites where the timely establishment of vegetation may not be feasible or where vegetation cover is absent or inadequate. Such areas include construction areas, where plant residues are inadequate to protect the soil surface and where land disturbing activities prevent the establishment or maintenance of a vegetative cover.

CRITERIA

Type I Tackifiers: Synthetic Polymers

•Application rates shall conform to manufacturer's guidelines for application. •Only anionic forms of PAM shall be used.

Tac-1

Anionic PAMs shall be no more than 0.05%

established by the Food and Drug Administration and the Environmental Protecttion Agency.

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•Not harmful to plants, animals and aquatic life.

•Contain no growth or germination inhibiting materials. •Shall not reduce infiltration rates.

Type II Tackifiers: Tac-2 Organic Polymers Such as guar gum, polysaccharides, and

starches

•Application rates shall conform to manufacturer's guidelines for application.

•Derived from natural plant sources.

•Not harmful to plants, animals and aquatic life

•Contain no growth or germination inhibiting materials.

•Shall not reduce infiltration rates.

Type III Tackifiers: Tac-3 Synthetic/Organic Blends

•Application rates shall conform to

manufacturer's guidelines for application.

•Only anionic forms of PAM shall be used in the blend, and shall be no more than 0.05% acrylamide monomer by weight.

•Organic material must be derived from natural plant sources.

•Not harmful to plants, animals and aquatic life.

 Contain no growth or germination inhibiting materials.

Shall not reduce infiltration rates.

HEET

OF

Ds1 DEFINITION

DISTURBED AREA STABILIZATION MULCHING ONLY

Applying plant residues or other suitable materials, produced on the site if possible, to the soil surface.

REQUIREMENT FOR REGULATORY COMPLIANCE

Mulch or temporary grassing shall be applied to all exposed areas within 14 days of disturbance. Mulch can be used as a singular erosion control device for up to six months, but it shall be applied at the appropriate depth, depending on the material used, anchored and have a continuous 90% cover or greater of the soil surface. Maintenance shall be required to maintain appropriate depth and 90% cover. Temporary vegetation may be employed instead of mulch if the area will remain undisturbed for less than six months. If any area will remain undisturbed for greater than six months, permanent vegetative techniques shall be employed.

SPECIFICATIONS

Mulching Without Seeding

This standard applies to graded or cleared areas where seedings may not have a suitable growing season to produce an erosion retardant cover, but can be stabilized with a mulch cover.

Site Preparation

- 1. Grade to permit the use of equipment for applying and anchoring mulch.
- 2. Install needed erosion control measures as required such as dikes, diversions, berms, terraces and sediment barriers.
- 3. Loosen compact soil to a minimum depth of 3 inches.

Mulching Materials

Select one of the following materials and apply at the depth indicated:

- 1. Dry straw or hay shall be applied at a depth of 2 to 4 inches providing complete soil coverage. One advantage of this material is easy application. 2. Wood waste (chips, sawdust or bark) shall be applied at a depth of 2 to 3 inches.
- Organic material from the clearing stage of development should remain on site, be chipped, and applied as mulch. This method of mulching can greatly reduce erosion
- control costs. 3. Polyethylene film shall be secured over banks or stockpiled soil material for temporary protection. This material can be salvaged and re-used.

Applying Mulch

When mulch is used without seeding, mulch shall be applied to provide full coverage of the exposed area.

- 1. Dry straw or hay mulch and wood chips shall be applied uniformly by hand or by mechanical equipment. 2. If the area will eventually be covered with perennial vegetation, 20-30 pounds of nitrogen per acre in addition to the normal amount shall be applied to offset the uptake of nitrogen caused by the decomposition of the organic mulches.
- 3. Apply polyethylene film on exposed areas.

Anchoring Mulch

- 1. Straw or hay mulch can be pressed into the soil with a disk harrow with the disk set straight or with a special "packer disk." Disks may be smooth or serrated and should be 20 inches or more in diameter and 8 to 12 inches apart. The edges of the disk should be dull enough not to cut the mulch but to press it into the soil leaving much of it in an erect position. Straw or hay mulch shall be anchored immediately after application.
- 2. Straw or hay mulch spread with special blower-type equipment may be anchored. Tackifers, binders and hydraulic mulch with tackifier specifically desgined for tacking straw can be substituted for emulsified asphalt. Plastic mesh or netting with mesh no larger than one inch by one inch shall be installed according to manufacturer's specifications
- 3. Netting of the appropriate size shall be used to anchor wood waste. Openings of the netting shall not be larger than the average size of the wood waste chips. 4. Polyethylene film shall be anchor trenched at the top as well as incrementally as necessary.

Ds2 DEFINITION

DISTURBED AREA STABILIZATION **TEMPORARY SEEDING**

The establishment of temporary vegetative cover with fast growing seedings for seasonal protection on disturbed or denuded areas.

REQUIREMENT FOR REGULATORY COMPLIANCE

Mulch or temporary grassing shall be applied to all exposed areas within 14 days of disturbance. Temporary grassing, instead of mulch, can be applied to rough graded areas that will be exposed for less than six months. If an area is expected to be undisturbed for longer than six months, permanent perennial vegetation shall be used. If optimum planting conditions for temporary grassing is lacking, mulch can be used as a singular erosion control device for up to six months but it shall be applied at the appropriate depth, anchored, and have a continuous 90% cover or greater of the soil surface.

CONDITIONS

Temporary vegetative measures should be coordinated with permanent measures to assure economical and effective stabilization. Most types of temporary vegetation are ideal to use as companion crops until the permanent vegetation is established. Note: Some species of temporary vegetation are not appropriate for companion crop plantings because of their potential to out-compete the desired species (e.g. annual ryegrass). Contact NRCS or the local SWCD for more information.

SPECIFICATIONS

Grading and Shaping

Excessive water run-off shall be reduced by properly designed and installed erosion control practices such as closed drains, ditches, dikes, diversions, sediment barriers and others. No shaping or grading is required if slopes can be stabilized by hand-seeded vegetation or if hydraulic seeding equipment is to be used. **Seedbed Preparation**

When a hydraulic seeder is used, seedbed preparation is not required. When using conventional or hand-seeding, seedbed preparation is not required if the soil material is loose and not sealed by rainfall. When soil has been sealed by rainfall or consists of smooth cut slopes, the soil shall be pitted, trenched or otherwise scarified to provide a place for seed to lodge and germinate. Lime and Fertilizer

Agricultural lime is required unless soil tests indicate otherwise. Apply agricultural lime at a rate determined by soil test for pH. Quick acting lime should be incorporated to modify pH during the germination period. Bio stimulants should also be considered when there is less than 3% organic matter in the soil. Graded areas require lime application. Soils must be tested to determine required amounts of fertilizer and amendments. Fertilizer should be applied before land preparation and incorporated with a disk, ripper, or chisel. On slopes too steep for, or inaccessible to equipment, fertilizer shall be hydraulically applied, preferably in the first pass with seed and some hydraulic mulch, then topped with the remaining required application rate. Seeding

Select a grass or grass-legume mixture suitable to the area and season of the year. Seed shall be applied uniformly by hand, cyclone seeder, drill, culti-packer-seeder, or hydraulic seeder (slurry including seed and fertilizer). Drill or cultipacker seeders should normally place seed one-quarter to one-half inch deep. Appropriate depth of planting is ten times the seed diameter. Soil should be "raked" lightly to cover seed with soil if seeded by hand. See Table 6-4.1

Mulching

Temporary vegetation can, in most cases, be established without the use of mulch, provided there is little to no erosion potential. However, the use of mulch can often accelerate and enhance germination and vegetation establishment. Mulch without seeding should be considered for short term protection Irrigation

During times of drought, water shall be applied at a rate not causing runoff and erosion. The soil shall be thoroughly wetted to a depth that will insure germination of the seed. Subsequent applications should be made when needed.

SEEDING RATES - TEMPORARY SEEDING SPECIES RATE PER 1,000 SFT. Weeping Lovegrass 0.1 lb. 1.4 lbs. Sudangrass 0.9 lb. Browntop Millet 0.9 lb.

1) Unusual site conditions may require heavier seeding rates

2) Seeding dates may need to be altered to fit temperature variations and conditions.

DUST CONTROL ON DISTURBED AREAS

DEFINITION

Du

Controlling surface and air movement of dust on construction sites, roads, and demolition sites.

CONDITIONS

This practice is applicable to areas subject to surface and air movement of dust where on and off-site damage may occur without treatment.

METHOD AND MATERIALS A. Temporary Methods

Mulches. See standard Ds1 - Disturbed Area Stabilization (With Mulching Only). Synthetic resins may be used instead of asphalt to bind mulch material. Resins should be used according to manufacturer's recommendations

Vegetative Cover. See specification Ds2 - Disturbed Area Stabilization (With Temporary Seeding). Spray-on Adhesives. These are used on mineral soils (not effective on muck soils). Keep traffic off these areas.

Tillage. This practice is designed to roughen and bring clods to the surface. It is an emergency measure that should be used before wind erosion starts. Begin plowing on windward side of site. Chisel-type plows spaced about 12 inches apart, spring-toothed harrows, and similar plows are examples of equipment that may produce the desired effect.

Irrigation. This is generally done as an emergency treatment. Site is sprinkled with water until the surface is wet. Repeat as needed.

Barriers. Solid board fences, snowfences, burlap fences, crate walls, bales of hay and similar material can be used to control air currents and soil blowing. Barriers placed at right angles to prevailing currents at intervals of about 15 times their height are effective in controlling wind erosion. Calcium Chloride. Apply at rate that will keep surface moist. May need retreatment.

B. Permanent Methods

Permanent Vegetation. See specification Ds3 -Disturbed Area Stabilization (With Permanent Vegetation). Existing trees and large shrubs may afford valuable protection if left in place. **Topsoiling.** This entails covering the surface with less erosive soil material. Stone. Cover surface with crushed stone or coarse gravel.

DEFINITION A permanent vegetative cover using sods on highly erodible or critically eroded lands. CONSTRUCTION SPECIFICATIONS Soil Preparation

Bring soil surface to final grade. Clear surface of trash, woody debris, stones and clods larger than 1". Apply sod to soil surfaces only and not frozen surfaces, or gravel type soils. Topsoil properly applied will help guarantee a stand. Don't use topsoil recently treated with herbicides or soil sterilants. Mix fertilizer into soil surface. Fertilize based on soil tests or Table below:

ERTILIZER TYPE	FERTILIZER RATE	FERTILIZER RATE	SEASON
bs/acre)	(lbs./acre)		
0-10-10	1,000	0.25	Fall

Agricultural lime should be applied based on soil tests or at a rate of 1 to 2 tons per acre.

Lay sod with tight joints and in straight lines. Don't overlap joints. Stagger joints and do not stretch sod (See Table 1) On slopes steeper than 3:1, sod should be anchored with pins or other approved methods. Installed sod should be rolled or tamped to provide good contact between sod and soil. Irrigate sod and soil to a depth of 4" immediately after installation. Sod should not be cut or spread in extremely wet or dry weather. Irrigation should be used to supplement rainfall for a minimum of 2-3 weeks. Materials

Sod selected should be certified. Sod grown in the general area of the project is desirable. 1. Sod should be machine cut and contain 3/4" (+ or -1/4") of soil, not including shoots or thatch.

- 2. Sod should be cut to the desired size within + or -5%. Torn or uneven pads should be rejected. 3. Sod should be cut and installed within 36 hours of digging.
- 4. Avoid planting when subject to frost heave or hot weather, if irrigation is not available.
- 5. The sod type should be shown on the plans or installed according to Table 1 Maintenance Re-sod areas where an adequate stand of sod is not obtained. New sod should be mowed sparingly. Grass height should not

be cut less than 2"-3" or as specified (See Figure 1 Apply one ton of agricultural lime as indicated by soil test or every 4-6 years. Fertilize grasses in accordance with soil tests or Table 2

Ryegrass

Ds4

 RATE PER ACRE	PLANTING DATES					
RATE FER AGRE	FLANTING DATES					
4 lbs.	2/15 - 6/15					
60 lbs.	3/1 - 8/1					
40 lbs.	4/1 - 7/15					
40 lbs	8/15 - 4/1					

DISTURBED AREA STABILIZATION W/ SODDING

DEFINITION



DISTURBED AREA STABILIZATION - PERMANENT VEGETATION

apply as indicated:

4. Sericea Lespedeza hay containing mature seed shall be applied at a rate of three tons per acre.

areas.

seeding. **Applying Mulch**

surface. Anchoring Mulch

Irrigation Topdressing

of the companion crop may prevent the establishment of perennial species. Ryegrass shall not be used in any seeding mixtures containing perennial species due to its ability to out-compete desired species chosen for permanent perennial cover.

Seedbed Preparation

strongly recommended for any seeding process, when possible). When conventional seeding is to be used, seedbed

Broadcast plantings

- 1. Tillage, at a minimum, shall adequately loosen the soil to a depth of 4 to 6 inches; alleviate compaction; incorporate lime and fertilizer; smooth and firm the soil; allow for the proper placement of seed, sprigs, or plants; and allow for the anchoring of straw or hay mulch if a disk is to be used.
- 3. Tillage should be done on the contour where feasible
- the slope with appropriate hand tools to provide two places 6 to 8 inches apart in which seed may lodge and germinate. Hydraulic seeding may also be used.

	Table 1 Sod Planting	Requirements		Table 2 Fertilizer Requirements for Sod					
GRASS	VARIETIES	RESOURCE AREA	GROWING SEASON	SPECIES	PLANTING YEAR	FERTILIZER	RATE	NITROGEN TOP	
Bermudagrass	Common/Tifway/Tifgreen	M-L / P,C / P,C	Warm Weather			(N-P-K)	(lbs./acre)	DRESSING RATE (lbs/ac)	
Bahiagrass	Pensacola	P,C	Warm Weather	Cool Season Grasses	First Second	6-12-12 6-12-12	1,500 1,000	50 - 100 -	
Centipede	-	P,C	Warm Weather		Maintenance	10-10-10	400	30	
St. Augustine	Common/Bitterblue/Raleigh	С	Warm Weather	Warm Season Grasses	First Second	6-12-12 6-12-12	1,500 800	50 - 100 50 - 100	
Zoysia	Emerald / Myer	P,C	Warm Weather		Maintenance	10-10-10	400	30	
Tall Fescue	Kentucky	M-L,P	Cool Weather						

The planting of perennial vegetation such as trees, shrubs, vines, grasses, or legumes on exposed areas for final permanent stabilization. Permanent perennial vegetation shall be used to achieve final stabilization.

REQUIREMENT FOR REGULATORY COMPLIANCE

This practice shall be applied immediately to rough graded areas that will be undisturbed for longer than six months. This practice or sodding shall be applied immediately to all areas at final grade. **Final Stabilization** means that all soil disturbing activities at the site have been completed, and that for unpaved areas and areas not covered by permanent structures and areas located outside the waste disposal limits of a landfill cell that has been certified by the GA EPD for waste disposal, 100% of the soil surface is uniformlycovered in permanent vegetation with a density of 70% or greater, or landscaped according to the Plan (uniformly covered with landscaping materials in planned landscaped areas), or equivalent permanent stabilization measures. Permanent vegetation shall consist of, planted trees, shrubs, perennial vines; or a crop of perennial vegetation appropriate for the region, such that within the growing season a 70% coverage by perennial vegetation shall be achieved. Final stabilization applies to each phase of construction. For linear construction projects on land used for agricultural or silvicultural purposes, final stabilization may be accomplished by stabilizing the disturbed land for its agricultural or silvicultural use. Until this standard is satisfied and permanent control measures and facilities are operational, interim stabilization measures and temporary erosion and sedimentation control measures shall not be removed.

CONDITIONS

Permanent perennial vegetation is used to provide a protective cover for exposed areas including cuts, fills, dams, and other denuded areas. CONSTRUCTION SPECIFICATIONS

Grading and Shaping

Grading and shaping may not be required where hydraulic seeding and fertilizing equipment is to be used. Vertical banks shall be sloped to enable plant establishment.

When conventional seeding and fertilizing are to be done, grade and shape where feasible and practical, so that equipment can be used safely and efficiently during seedbed preparation, seeding, mulching and maintenance of the vegetation.

Concentrations of water that will cause excessive soil erosion shall be diverted to a safe outlet. Diversions and other treatment practices shall conform with the appropriate standards and specifications Lime and Fertilizer Rates and Analysis

Agricultural lime is required at the rate of one to two tons per acre unless soil tests indicate otherwise. Graded areas require lime application. If lime is applied within six months of planting permanent perennial vegetation, additional lime is not required. Agricultural lime shall be within the specifications of the Georgia Department of Agriculture. Lime spread by conventional equipment shall be "ground limestone." Ground limestone is calcitic or dolomitic limestone

ground so that 90 percent of the material will pass through a 10-mesh sieve, not less than 50 percent will pass through a 50-mesh sieve and not less than 25 percent will pass through a 100-mesh sieve. Fast-acting lime spread by hydraulic seeding equipment should be "finely ground limestone" spanning from the 180

micron size to the 5 micron size. Finely ground limestone is calcitic or dolomitic limestone ground so that 95 percent of the material will pass through a 100-mesh sieve. It is desirable to use dolomitic limestone in the Sand Hills, Southern Coastal Plain and Atlantic Coast Flatwoods MLRAs.

Agricultural lime is generally not required where only trees are planted. Initial fertilization, nitrogen, topdressing, and maintenance fertilizer requirements for each species or combination of species are listed in Table 6-5.1.

Lime and Fertilizer Application

When hydraulic seeding equipment is used, the initial fertilizer shall be mixed with seed, innoculant (if needed), and wood cellulose or wood pulp fiber mulch and applied in a slurry. The innoculant, if needed, shall be mixed with the seed prior to being placed into the hydraulic seeder. The slurry mixture will be agitated during application to keep the ingredients thoroughly mixed. The mixture will be spread uniformly over the area within one hour after being placed in the hydroseeder.

Finely ground limestone can be applied in the mulch slurry or in combination with the top dressing. When *conventional planting* is to be done, lime and fertilizer shall be applied uniformly in one of the following ways:

1. Apply before land preparation so that it will be mixed with the soil during seedbed preparation. 2. Mix with the soil used to fill the holes, distribute in furrows

3. Broadcast after steep surfaces are scarified, pitted or trenched.

4. A fertilizer pellet shall be placed at root depth in the closing hole beside each pine tree seedling. Plant Selection

Plants shall be selected on the basis of species characteristics, site and soil conditions, planned use and maintenance of the area; time of year of planting, method of planting; and the needs and desires of the land user. Some perennial species are easily established and can be planted alone. Examples of these are Common Bermuda,

Tall Fescue, and Weeping Lovegrass. Other perennials, such as Bahia Grass and Sericea Lespedeza, are slow to become established and should be planted with another perennial species. The additional species will provide quick cover and ample soil protection until the target perennial species become established. For example, Common seeding combinations are 1) Weeping Lovegrass with Sericea Lespedeza (scarified) and 2) Tall Fescue with Sericea Lespedeza (unscarified).

Plant selection may also include annual companion crops. Annual companion crops should be used only when the perennial species are not planted during their optimum planting period. A common mixture is Brown Top Millet with Common Bermuda in mid-summer. Care should be taken in selecting companion crop species and seeding rates because annual crops will compete with perennial species for water, nutrients, and growing space. A high seeding rate

Seedbed preparation may not be required where hydraulic seeding and fertilizing equipment is to be used (but is preparation will be done as follows:

2. Tillage may be done with any suitable equipment.

4. On slopes too steep for the safe operation of tillage equipment, the soil surface shall be pitted or trenched across

Ds3

Individual Plants

- 1. Where individual plants are to be set, the soil shall be prepared by excavating holes, opening furrows, or dibble planting. 2. For nursery stock plants, holes shall be large enough to accommodate roots without crowding. 3. Where pine seedlings are to be planted, subsoil under the row 36 inches deep on the contour four to six months prior to
- planting. Subsoiling should be done when the soil is dry, preferably in August or September.
- **Inoculants** All legume seed shall be inoculated with ap-propriate nitrogen-fixing bacteria. The inoculant shall be a pure culture prepared specifically for the seed species and used within the dates on the container. A mixing medium recommended by the manu-facturer shall be used to bond the inoculant to the seed. For conventional seeding, use twice the amount of inoculant recommended by the manufacturer. For hydraulic seeding, four times the amount of inoculant recommended by the manufacturer shall be used. All inoculated seed shall be protected from the sun and high temperatures and shall be planted } tion establishment enhancement, and erosion control effectiveness. Select the mulching material from the following and
- 1. Dry straw or dry hay of good quality and free of weed seeds can be used. Dry straw shall be applied at the rate of 2 tons per acre. Dry hay shall be applied at a rate of 2 1/2 tons per acre.
- 2. Wood cellulose mulch or wood pulp fiber shall be used with hydraulic seeding. It shall be applied at the rate of 500 pounds per acre. Dry straw or dry hay shall be applied (at the rate indicated above) after hydraulic seeding. 3. One thousand pounds of *wood cellulose* or *wood pulp fiber*, which includes a tackifier, shall be used with hydraulic seeding on slopes 3/4:1 or steeper.
- 5. *Pine straw* or *pine bark* shall be applied at a thickness of 3 inches for bedding purposes. Other suitable materials in sufficient quantity may be used where ornamentals or other ground covers are planted. This is not appropriate for seeded
- 6. When using temporary erosion control blankets or block sod, mulch is not required. 7. Bituminous treated roving may be applied on planted areas, slopes, in ditches or dry waterways to prevent erosion. Bituminous treated roving shall be applied within 24 hours after an area has been planted. Application rates and materials must meet Georgia Department of Transportation specifications.
- Wood cellulose and wood pulp fibers shall not contain germination or growth inhibiting factors. They shall be evenly dispersed when agitated in water. The fibers shall contain a dye to allow visual metering and aid in uniform application during

Straw or hay mulch will be spread uniformly within 24 hours after seeding and/or planting. The mulch may be spread by blower-type spreading equipment, other spreading equipment or by hand. Mulch shall be applied to cover 75% of the soil

Wood cellulose or wood fiber mulch shall be applied uniformly with hydraulic seeding equipment.

- Anchor straw or hay mulch immediately after application by one of the following methods:
- 1. Hay and straw mulch shall be pressed into the soil immediately after the mulch is spread. A special "packer disk" or disk harrow with the disks set straight may be used. The disks may be smooth or serrated and should be 20 inches or more in diameter and 8 to 12 inches apart. The edges of the disks shall be dull enough to press the mulch into the ground without cutting it, leaving much of it in an erect position. Mulch shall not be plowed into the soil.
- 2. Synthetic tackifiers, binders or hydraulic mulch specifically designed to tack straw, shall be applied in conjunction with or immediately after the mulch is spread. Synthetic tackifiers shall be mixed and applied according to manufacturer's specifications. All tackifiers, binders or hydraulic mulch specifically designed to tack straw should be verified nontoxic through EPA 2021.0 testing. Refer to **Tackifiers-Tac**
- 3. Rye or wheat can be included with Fall and Winter plantings to stabilize the mulch. They shall be applied at a rate of one-quarter to one-half bushel per acre.
- 4. Plastic mesh or netting with mesh no larger than one inch by one inch may be needed to anchor straw or hay mulch on unstable soils and concentrated flow areas. These materials shall be installed and anchored according to manufacturer's specifications.
- **Bedding Material**
- Mulch is used as a bedding material to conserve moisture and control weeds in nurseries, ornamental beds, around shrubs, and on bare areas on lawns Material Depth
- Grain straw 4" to 6"
- Grass Hay 4" to 6"
- Pine needles 3" to 5"
- Wood waste 4" to 6"
- Irrigation will be applied at a rate that will not cause runoff.
- Topdressing will be applied on all temporary and permanent (perennial) species planted alone or in mixtures with other species. Recommended rates of application are listed in Table 6-5.1.
- Second Year and Maintenance Fertilization
- Second year fertilizer rates and maintenance fertilizer rates are listed in Table 6-5.1.
- **Lime Maintenance Application**
- Apply one ton of agricultural lime every 4 to 6 years or as indicated by soil tests. Soil tests can be conducted to determine more accurate requirements, if desired,
- **Use and Management**
- Mow Sericea Lespedeza only after frost to ensure that the seeds are mature. Mow between November and March. Bermudagrass, Bahiagrass and Tall Fescue may be mowed as desired. Maintain at least 6 inches of top growth under any
- use and management. Moderate use of top growth is beneficial after establishment. Exclude traffic until the plants are well established. Because of the quail nesting season, mowing should not take place between May and September.

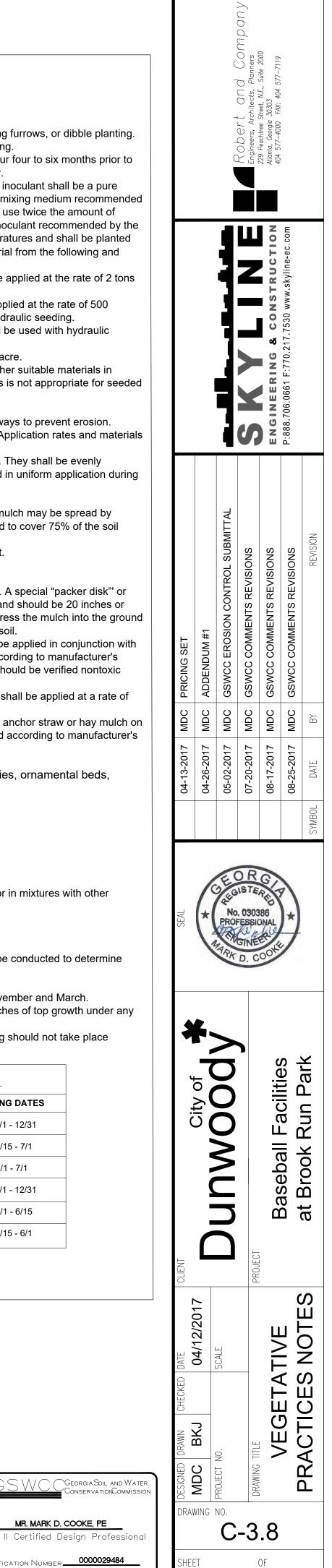
	SEEDING RATES - PERMANENT SEEDING						
SPECIES	RATE PER 1,000 SFT.	RATE PER ACRE	PLANTING DATES				
Bahia	1.4 lbs.	60 lbs.	1/1 - 12/31				
Bermuda	0.2 lb.	10 lbs.	2/15 - 7/1				
Centipede	Block Sod Only	Block Sod Only	4/1 - 7/1				
Lespedeza	1.7 lbs.	75 lbs	1/1 - 12/31				
Weeping Lovegrass	0.1 lb.	4 lbs.	2/1 - 6/15				
Switch Grass	0.9 lb.	40 lbs.	3/15 - 6/1				

MR. MARK D. COOKE, PE

Level II Certified Design Profession

CERTIFICATION NUMBER 0000029484 ISSUED.12/19/2015 EXPIRES: 12/19/2018

1) Unusual site conditions may require heavier seeding rates 2) Seeding dates may need to be altered to fit temperature variations and conditions.



		STAND ALONE CONSTRUCTION PROJECTS SWCD: DeKalb County		2
Project Name:	Baseb	all Facilities at Brook Run Park Address: 4635 Barclay Drive	C-3	.3
City/County:	Dunwo	oody / DeKalb Date on Plans: <u>5/2/2017</u>	C-3	.3
Plan Incluc Page # Y/		TO BE SHOWN ON ES&PC PLAN		-
C-3.9 Y	1	The applicable Erosion, Sedimentation and Pollution Control Plan Checklist established by the Commission	C-3	.3
		as of January 1 of the year in which the land-disturbing activity was permitted. (The completed Checklist must be submitted with the ES&PC Plan or the Plan will not be reviewed)		-
C-0 Y		Level II certification number issued by the Commission, signature and seal of the certified design professional.	C-3	.3
		(Signature, seal and Level II number must be on each sheet pertaining to ES&PC plan or the Plan will not be reviewed)	C-3	.3
C-3.3 N//	3	Limits of disturbance shall be no greater than 50 acres at any one time without prior written authorization from		
		the EPD District Office. If EPD approves the request to disturb 50 acres or more at any one time, the plan must include at least 4 of the BMPs listed in Appendix 1 of this checklist.*		
		(A copy of the written approval by EPD must be attached to the plan for the plan to be reviewed.)	C-3	.3
C-3.3 Y		The name and phone number of the 24-hour local contact responsible for erosion, sedimentation and pollution controls.		
C-3.3 Y		Provide the name, address and phone number of primary permittee.	C-3	.3
C-3.3 Y	6	Note total and disturbed acreage of the project or phase under construction.	C-3	.3
C-3.3 Y		Provide the GPS location of the construction exit for the site. Give the Latitude and Longitude in decimal degrees.	C-3.0	-3.3
C-0 Y		Initial date of the Plan and the dates of any revisions made to the Plan including the entity who requested the revisions.		
C-3.3 Y		Description of the nature of construction activity.	C-3.0 C-	
C-0 Y		Provide vicinity map showing site's relation to surrounding areas. Include designation of specific phase, if		
C-3.3 Y		necessary. Identify the project receiving waters and describe all sensitive adjacent areas including streams, lakes,	C-3	.3
		residential areas, wetlands, marshlands, etc. which may be affected.	C-3	
C-3.3 Y	12	Design professional's certification statement and signature that the site was visited prior to development of the ES&PC Plan as stated on page 15 of the permit.	C-3	
C-3.3 Y	13	Design professional's certification statement and signature that the permittee's ES&PC Plan provides for an	C-3	
		appropriate and comprehensive system of BMPs and sampling to meet permit requirements as stated on page 15 of the permit.*	C-3	
C-3.3 Y		Clearly note the statement that "The design professional who prepared the ES&PC Plan is to inspect the		
		installation of the initial sediment storage requirements and perimeter control BMPs within 7 days after installation."*	C-3.0	-3.3
C-3.3 Y		Clearly note the statement that "Non-exempt activities shall not be conducted within the 25 or 50-foot		
		undisturbed stream buffers as measured from the point of wrested vegetation or within 25-feet of the coastal		
		marshland buffer as measured from the Jurisdictional Determination Line without first acquiring the necessary variances and permits."	C-3.0	-3.2
C-3.3 N//	A 16	Provide a description of any buffer encroachments and indicate whether a buffer variance is required.		
		APPENDIX 1		
		ES&PC PLAN MUST INCLUDE AT LEAST FOUR (4) OF THE FOLLOWING BMPS FOR THOSE AREAS OF THE SITE WHICH DISCHARGE TO A IMPAIRED STREAM SEGMENT AND FOR SITES WHICH EPD HAS		
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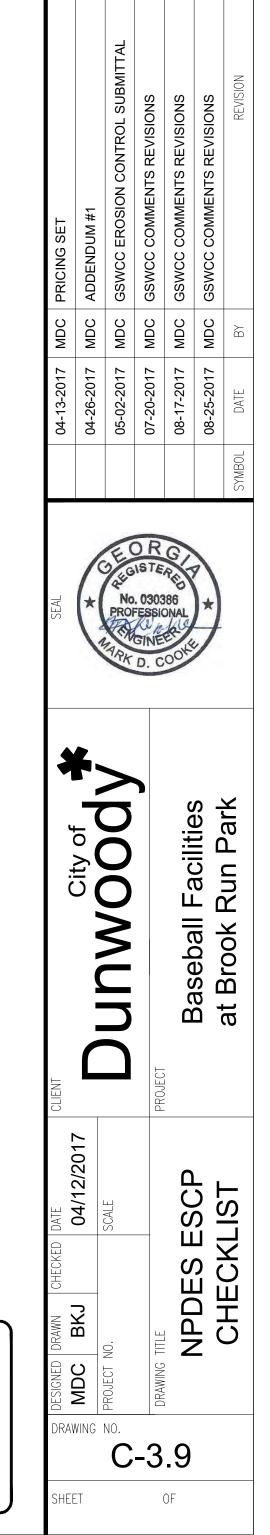
- 17 Clearly note the statement that "Amendments/revisions to the ES&PC Plan which have a significant effect on BMPs with a hydraulic component must be certified by the design professional."*
- 18 Clearly note the statement that "Waste materials shall not be discharged to waters of the State, except as authorized by a section 404 permit."*
- 19 Clearly note statement that "The escape of sediment from the site shall be prevented by the installation of erosion and sediment control measures and practices prior to land disturbing activities."
- 20 Clearly note statement that "Erosion control measures will be maintained at all times. If full implementation of the approved plan does not provide for effective erosion control, additional erosion and sediment control measures shall be implemented to control or treat the sediment source."
- 21 Clearly note the statement "Any disturbed area left exposed for a period greater than 14 days shall be stabilized with mulch or temporary seeding."
- 22 Any construction activity which discharges storm water into an Impaired Stream Segment, or within 1 linear mile upstream of and within the same watershed as, any portion of an Biota Impaired Stream Segment must comply with Part III. C. of the Permit. Include the completed Appendix 1 listing all the BMPs that will be used for those areas of the site which discharge to the Impaired Stream Segment.*
- 23 If a TMDL Implementation Plan for sediment has been finalized for the Impaired Stream Segment (identified in item 22 above) at least six months prior to submittal of NOI, the ES&PC Plan must address any site-specific conditions or requirements included in the TMDL Implementation Plan.*
- 24 BMPs for concrete washdown of tools, concrete mixer chutes, hoppers and the rear of the vehicles. Washout of the drum at the construction site is prohibited.*
- 25 Provide BMPs for the remediation of all petroleum spills and leaks.
- 26 Description of the measures that will be installed during the construction process to control pollutants in storm water that will occur after construction operations have been completed.*
- 27 Description of the practices that will be used to reduce the pollutants in storm water discharges.*
- 28 Description and chart or timeline of the intended sequence of major activities which disturb soils for the major portions of the site (i.e., initial perimeter and sediment storage BMPs, clearing and grubbing activities, excavation activities, utility activities, temporary and final stabilization).
- 29 Provide complete requirements of inspections and record keeping by the primary permittee.*
- 30 Provide complete requirements of sampling frequency and reporting of sampling results.*
- 31 Provide complete details for retention of records as per Part IV.F. of the permit.*
- 32 Description of analytical methods to be used to collect and analyze the samples from each location.*
- 33 Appendix B rationale for NTU values at all outfall sampling points where applicable.*
- 34 Delineate all sampling locations, perennial and intermittent streams and other water bodies into which storm water is discharged.*
- 35 A description of appropriate controls and measures that will be implemented at the construction site including: (1) initial sediment storage requirements and perimeter control BMPs, (2) intermediate grading and drainage BMPs, and (3) final BMPs. For construction sites where there will be no mass grading and the initial perimeter control BMPs, intermediate grading and drainage BMPs, and final BMPs are the same, the plan may combine all of the BMPs into a single phase.*
- 36 Graphic scale and North arrow.
- 37 Existing and proposed contour lines with contour lines drawn at an interval in accordance with the following:
- p. Install sod for a minimum 20 foot width (in lieu of seeding) after final grade has been achieved, along the site perimeter wherever storm water (including sheet flow) may be discharged.
- q. Conduct soil tests to identify and to implement site-specific fertilizer needs.
- r. Certified personnel for primary permittees shall conduct inspections at least twice every seven (7) calendar days and within 24 hours of the end of the storm that is 0.5 inches rainfall or greater in accordance with Part IV.D.4.a.(3).(a) – (c); secondary permittees, Part IV.D.4.b.(3). (a) – (c); and tertiary permittees Part IV.D.4.c.(3).(a) - (c). *
- s. Apply the appropriate compost blankets (minimum depth 1.5 inches) to protect soil surfaces until vegetation is established during the final stabilization phase of the construction activity.
- t. Use alternative BMPs whose performance has been documented to be superior to conventional BMPs as certified by aDesign Professional (unless disapproved by EPD or the State Soil and Water Conservation Commission). (If using this item please refer to the Alternative BMP guidance document found at www.gaswcc.georgia.gov)
- u. Limit the total planned site disturbance to less than 15% impervious surfaces (excluding any state mandated buffer areas from such calculations). All calculations must be included in the plan. Effective January 1, 2017
- * This requrement is different for infrastructure projects.
- Certified personnel for primary permittees shall conduct inspections at least once every seven (7) calendar days and within 24 hours of the end of the storm that is 0.5 inches rainfall or greater in accordance with Part IV.D.4.a.(3).(a) – (c) of this permit.

	Map Scale	Ground Slope	Contour Intervals, ft.	
	1 inch = 100ft or	Flat 0 - 2%	0.5 or 1	
	larger scale	Rolling 2 - 8%	1 or 2	
	larger scale	Steep 8% +	2,5 or 10	
C-3.3 N/A	38 Use of alternative BMF		n documented to be equivalent to	or superior to
			onal (unless disapproved by EPD o the Alternative BMP Guidance I	•
C-3.3 N/A		P for application to the Equivale t Control in Georgia 2016 Edition	nt BMP List. Please refer to Appe on.*	ndix A-2 of the Man
3.0-C3.2 Y			urbed buffers adjacent to state wa	-
0-C3.2 Y	41 Delineation of on-site v	vetlands and all state waters lo	cated on and within 200 feet of th	e project site.
3.3 Y	42 Delineation and acrea	ge of contributing drainage basi	ns on the project site.	
5.3 Y	43 Provide hydrology stud	ly and maps of drainage basins	for both the pre- and post-develo	oped conditions.*
3 Y	44 An estimate of the rund completed.	off coefficient or peak discharge	e flow of the site prior to and after	construction activitie
2 Y		veir velocities with appropriate of eate all storm water discharge	outlet protection to accommodate points.	discharges without
.3 Y	46 Soil series for the proje	ect site and their delineation.		
3.2 Y	47 The limits of disturband	ce for each phase of construction	on.	
.3 Y	48 Provide a minimum of	67 cubic yards of sediment stor	age per acre drained using a tem	porary sediment bas
	storage volume must site has been achieved sediment basin is not sediment basin is not also be given. Works storage design profess from sediment basins a from the surface, unles	be in place prior to and during a d. A written justfication explaini attainable must be included in to provided. A written justification neets from the Manual included ional to obtain the required sect and impoundments, permitees	ment traps for each common drai all land disturbance activities until ng the decision to use equivalent the plan for each common drainag as to why 67 cubic yards of stora I for structural BMPs and all calcu liment when using equivalent con are required to utilize outlet struct that withdraw water from the surf included in the plan.	final stabilization of t controls when a ge location in which a uge is not attainable r ulations used by the ntrols. When discharg
)-3.2 Y		-	istent with and no less stringent t m coding symbols from the Manu	
.8 Y	50 Provide detailed drawing	ngs for all structural practices.	Specifications must, at a minimur	n, meet the guideline
	forth in the Manual for	Erosion and Sediment Control	in Georgia.	
8 Y	dates and seeding, fer	tilizer, lime and mulching rates.	nanent vegetative practices. Incl Vegetative plan shall be site spe propriate geographic region of Ge	ecific for appropriate

*If using this checklist for a project that is less than 1 acre and not but within 200 ft of a perennial stream the * checklist items would I

NPDES ESC&P CHECKLIST

ent BMP List. Please refer to Appendix A-2 of the Manual tion.*	
sturbed buffers adjacent to state waters and any additional arly note and delineate all areas of impact.	
ocated on and within 200 feet of the project site.	
sins on the project site.	
ns for both the pre- and post-developed conditions.*	
ge flow of the site prior to and after construction activities are	
e outlet protection to accommodate discharges without e points.	
tion.	
orage per acre drained using a temporary sediment basin, diment traps for each common drainage location. Sediment all land disturbance activities until final stabilization of the ning the decision to use equivalent controls when a a the plan for each common drainage location in which a n as to why 67 cubic yards of storage is not attainable must ad for structural BMPs and all calculations used by the ediment when using equivalent controls. When discharging as are required to utilize outlet structures that withdraw water as that withdraw water from the surface are not feasable, be included in the plan.	
nsistent with and no less stringent than the Manual for form coding symbols from the Manual, Chapter 6, with	
Specifications must, at a minimum, meet the guidelines set I in Georgia.	
rmanent vegetative practices. Include species, planting s. Vegetative plan shall be site specific for appropriate time ppropriate geographic region of Georgia.	
e and not part of a common development ns would be N/A. Effective January 1, 2017	



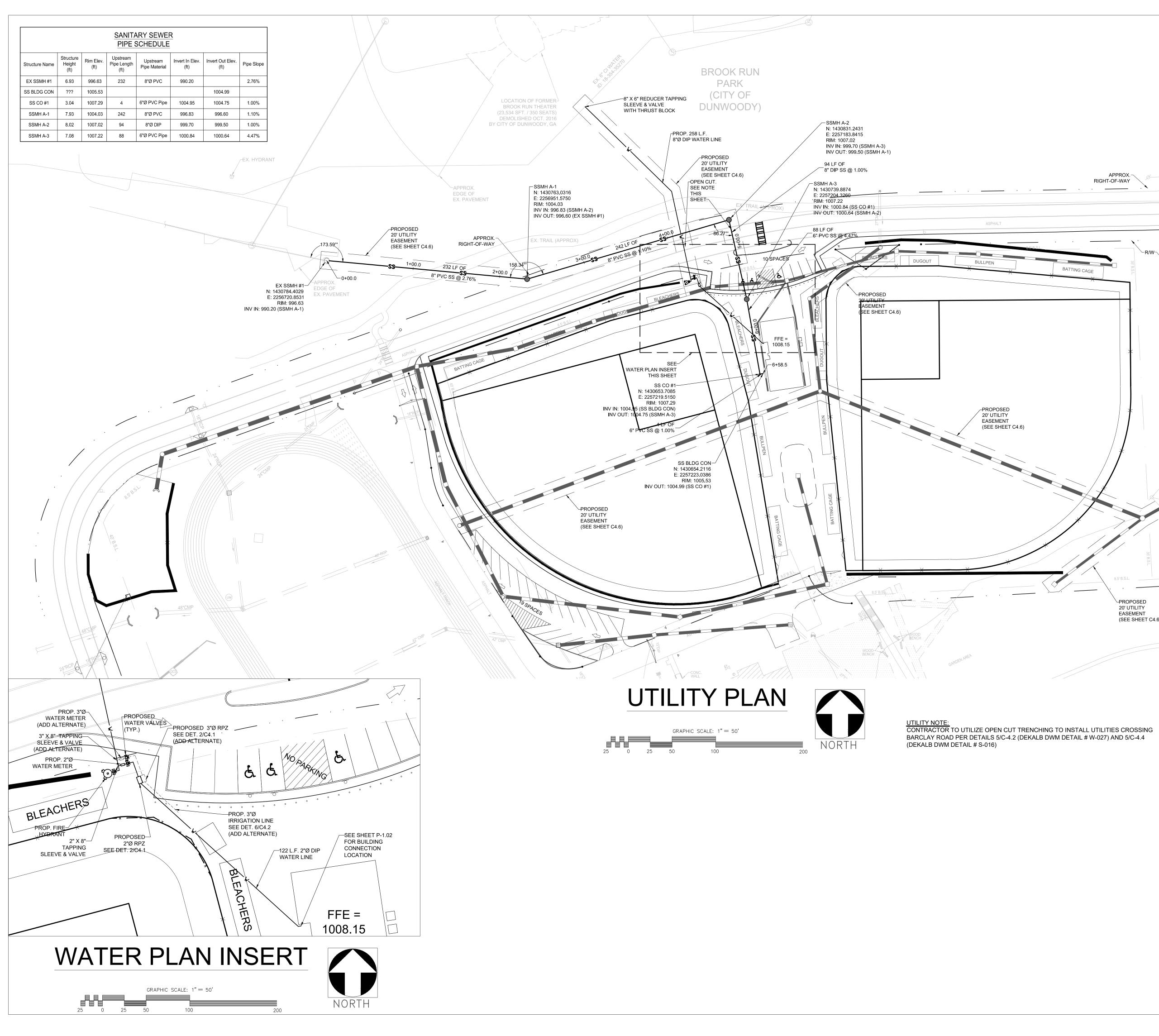
C C Jers 200r D Plar Suite

1 | ts, N.E.

ConservationCommission MR. MARK D. COOKE, PE

Level II Certified Design Professional

CERTIFICATION NUMBER _____0000029484 ISSUED.12/19/2015 EXPIRES: 12/19/2018



UTILITY NOTE: SEE SHEET C-0.1 FOR STANDARD DEKALB COUNTY UTILITY NOTES. **IRRIGATION NOTE:** CONTRACTOR TO BID IRRIGATION SYSTEM AND ALL APPURTENANCES AS AN ADD ALTERNATE. APPROX. RIGHT-OF-WAY _____ BATTING CAGE

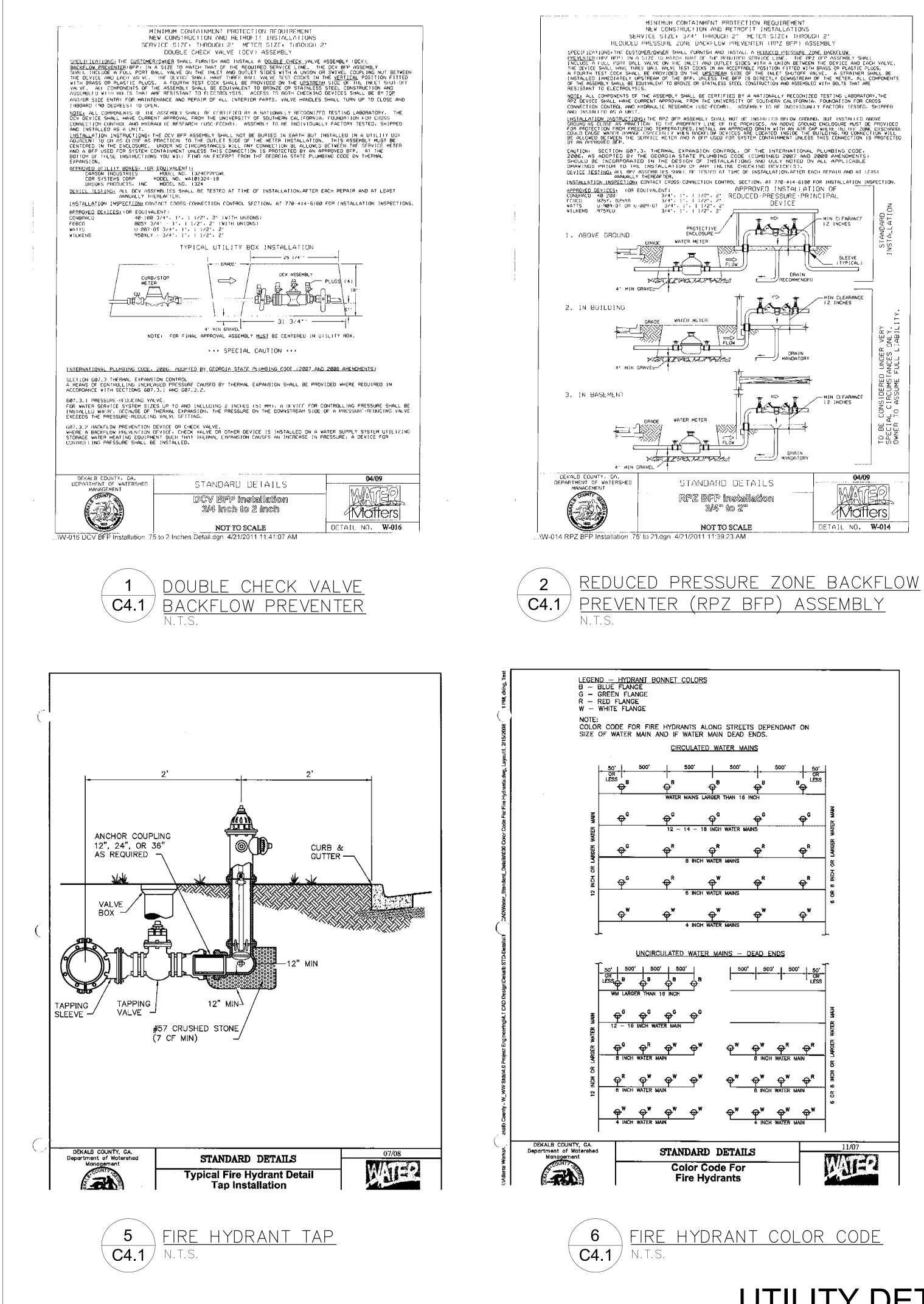
PROPOSED 20' UTILITY EASEMENT (SEE SHEET C4.6)

CHECKED DATE	CLIENT SEAL	70	04-13-2017 MDC PRICING SET	PRICING SET		
MUC BKJ		0	04-26-2017 MDC ADDENDUM #1	ADDENDUM #1		
OR PROJECT NO. SCALE	ADOOWIDU	-00	05-05-2017 MDC	MDC ADDENDUM #3		
DRAWING TITIF	D. C	DR	05-11-2017 MDC ADDENDUM #4	ADDENDUM #4		KODELT ANA LOMPANY Engineers, Architects, Planners
	Bacaball Eacilition	00)6-21-2017 RAC	06-21-2017 RAC DUNWOODY BUILDING PERMIT	ENGINEERING & CONSTRUCTION	229 Peachtree Street, N.E., Suite 2000 Atlanta, Georgia 30303 404 577–4000 FAX: 404 577–7119
UTILITY PLAN		10	17-27-2017 MDC	07-27-2017 MDC DUNWOODY LDP COMMENTS	P:888.706.0661 F:770.217.7530 www.skyline-ec.com	
	al Brook Run Park	SYMBOL	DATE BY	REVISION		

C-4.0

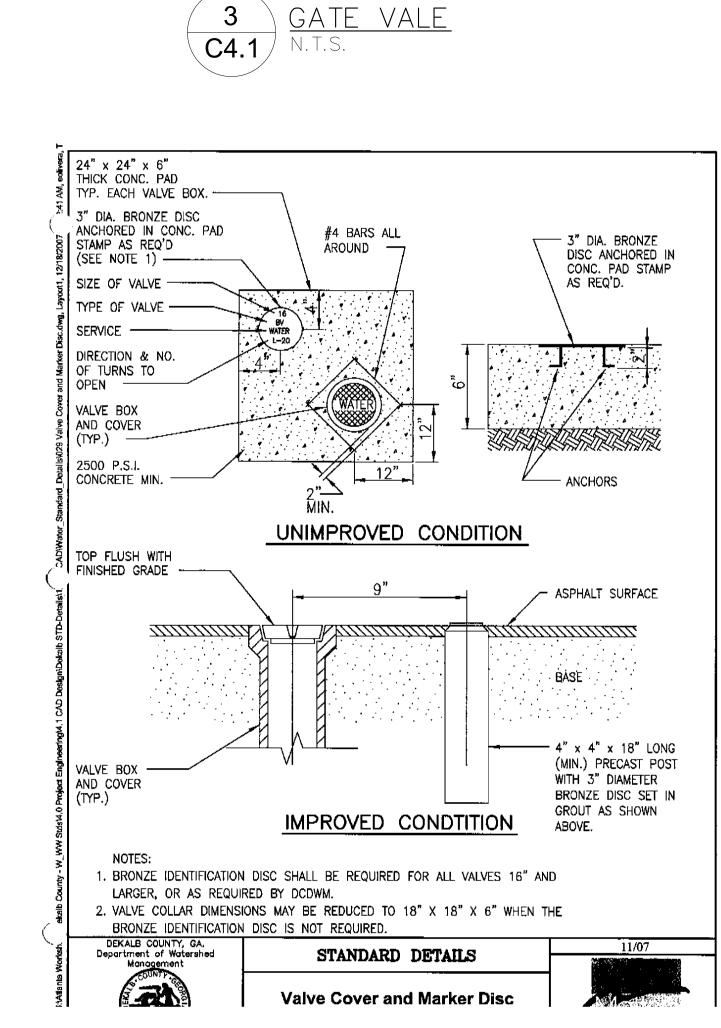
OF

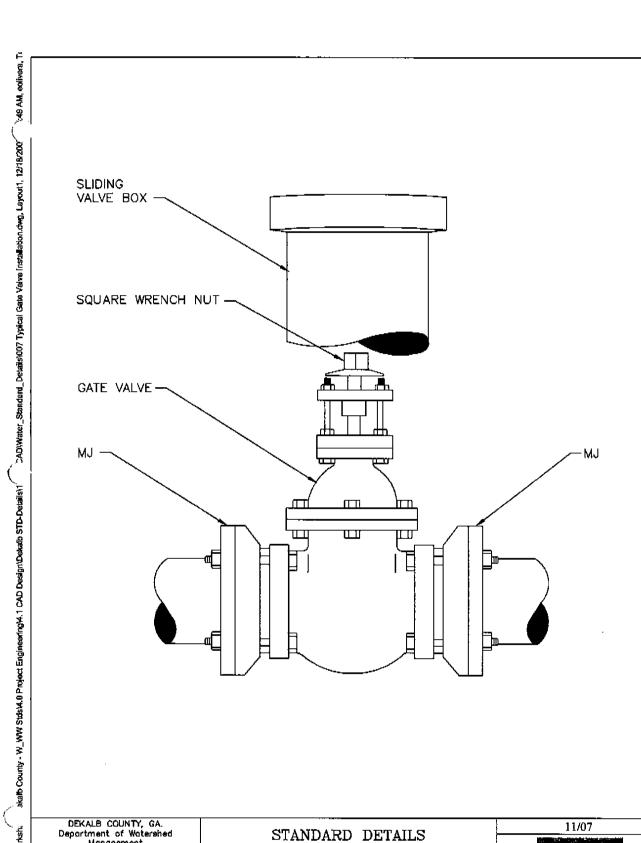
SHEET



UTILITY DETAILS - WATER



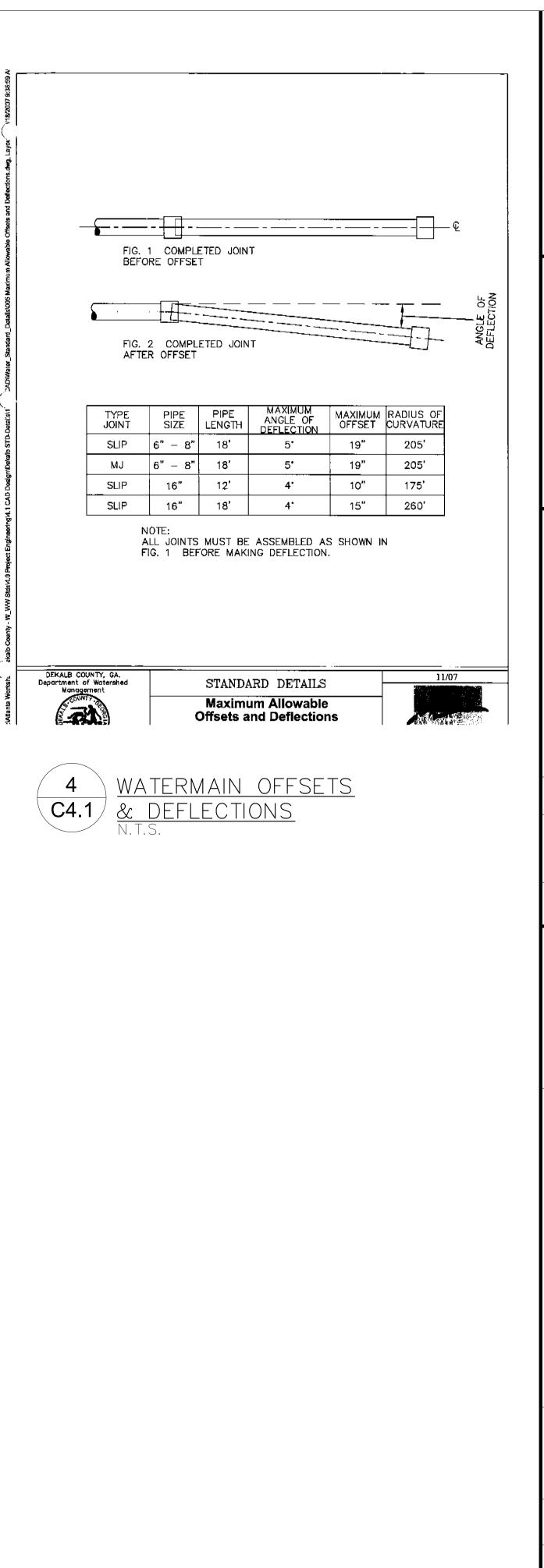


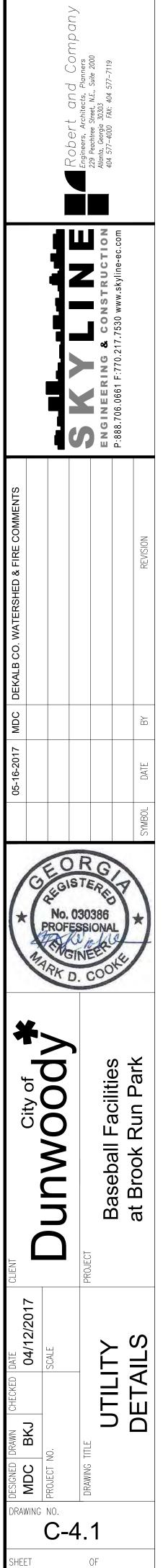


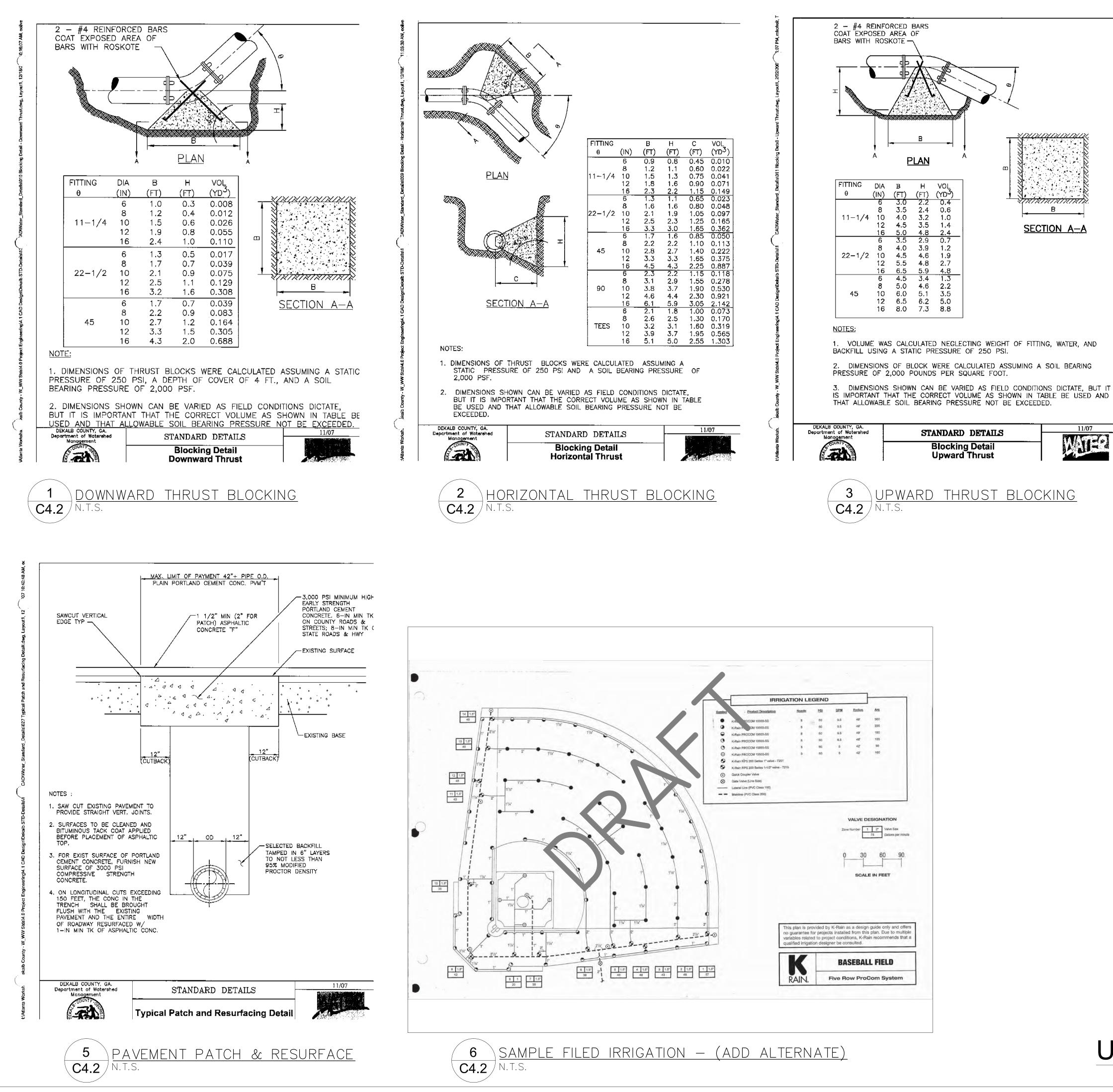
Typical Gate Valve

Installation

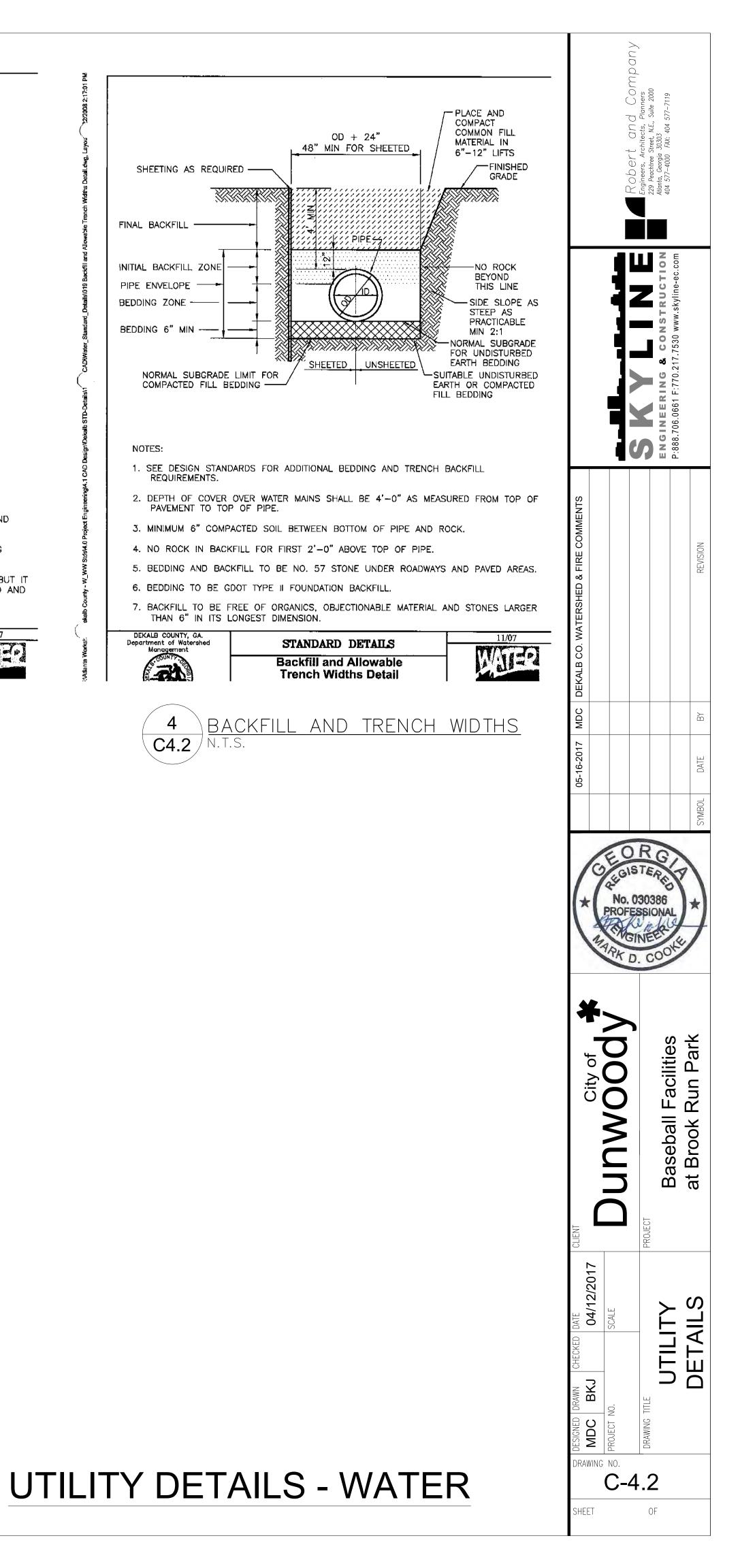
Management



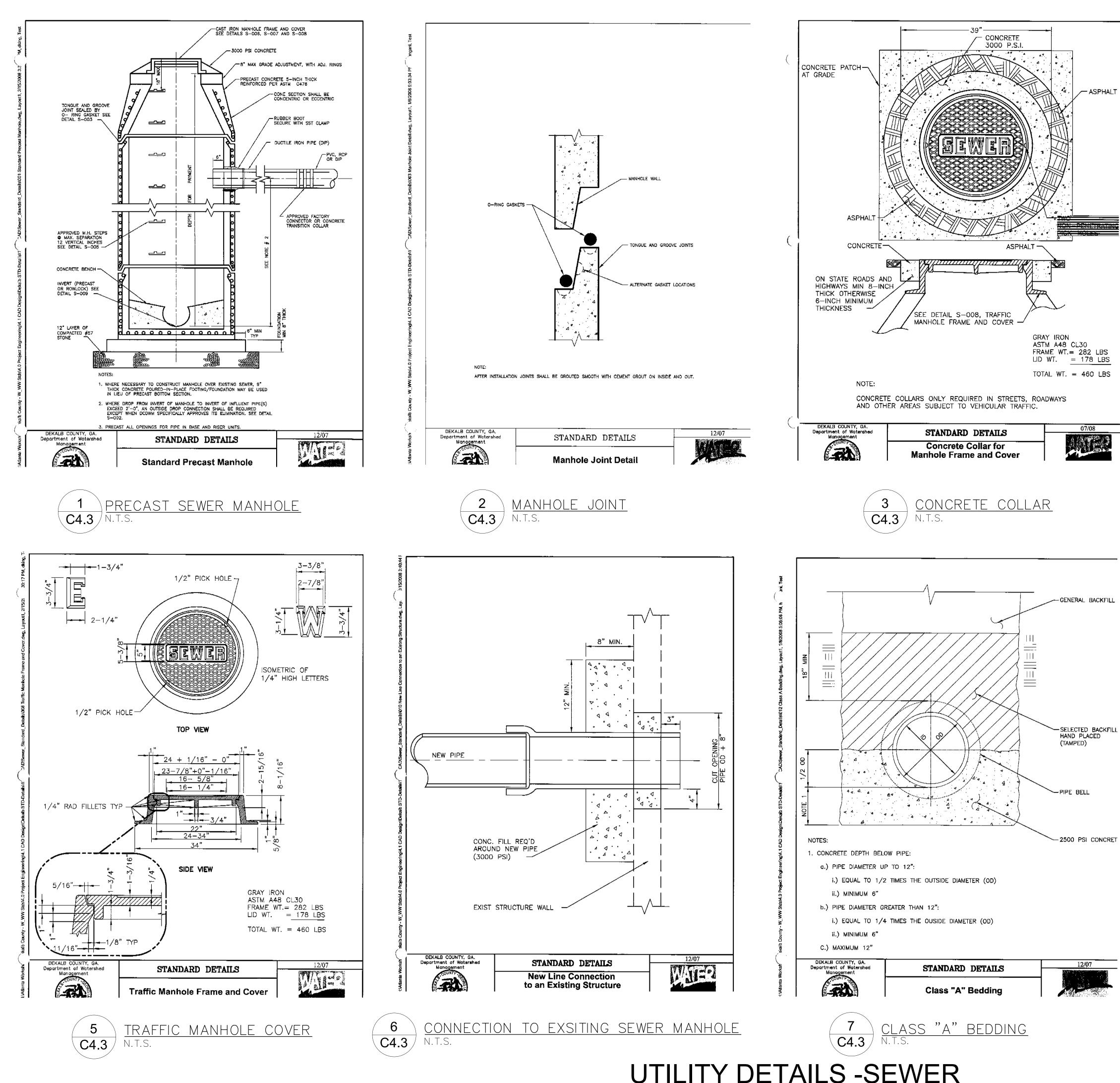




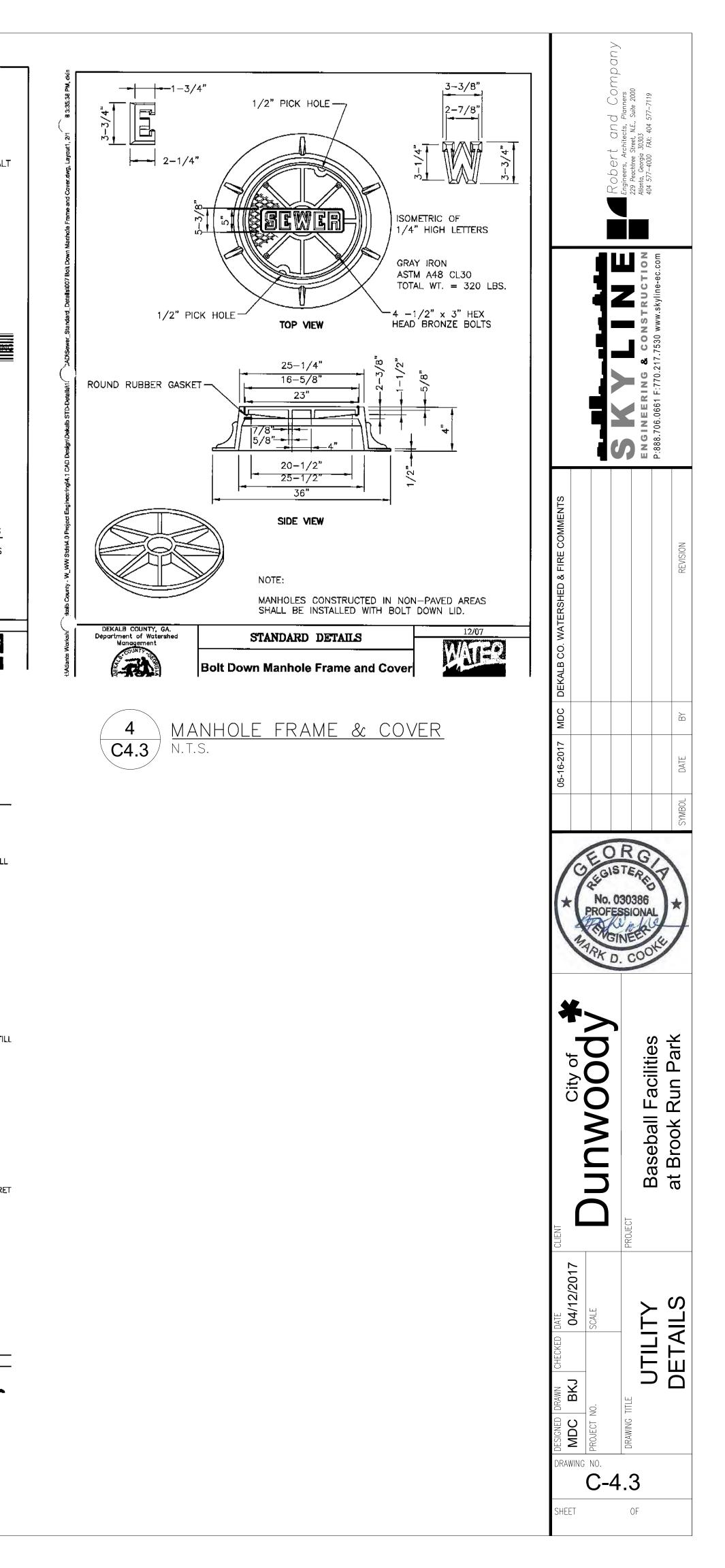
× ~ ~						
	FITTING		В	Н	С	VOL
· 🖌	θ	(IN)	- (FT)	(FT)	(FT)	$(YD^{\overline{3}})$
X	11-1/4	6 8 10 12 16	0.9 1.2 1.5 1.8 2.3	0.8 1.1 1.3 1.6 2.2	0.45 0.60 0.75 0.90 1.15	0.010 0.022 0.041 0.071 0.149
	22-1/2	6 8 10 12 16	1.3 1.6 2.1 2.5 3.3	1.1 1.6 1.9 2.3 3.0	0.65 0.80 1.05 1.25 1.65	0.023 0.048 0.097 0.165 0.362
Т	45	6 8 10 12 16	1.7 2.2 2.8 3.3 4.5	1.6 2.2 2.7 3.3 4.3	0.85 1.10 1.40 1.65 2.25	0.050 0.113 0.222 0.375 0.887
∕% -A	90	6 8 10 12 16	2.3 3.1 3.8 4.6 6.1	2.2 2.9 3.7 4.4 5.9	1.15 1.55 1.90 2.30 3.05	0.118 0.278 0.530 0.921 2.142
	TEES	6 8 10 12 16	2.1 2.6 3.2 3.9 5.1	1.8 2.5 3.1 3.7 5.0	1.00 1.30 1.60 1.95 2.55	0.073 0.170 0.319 0.565 1.303

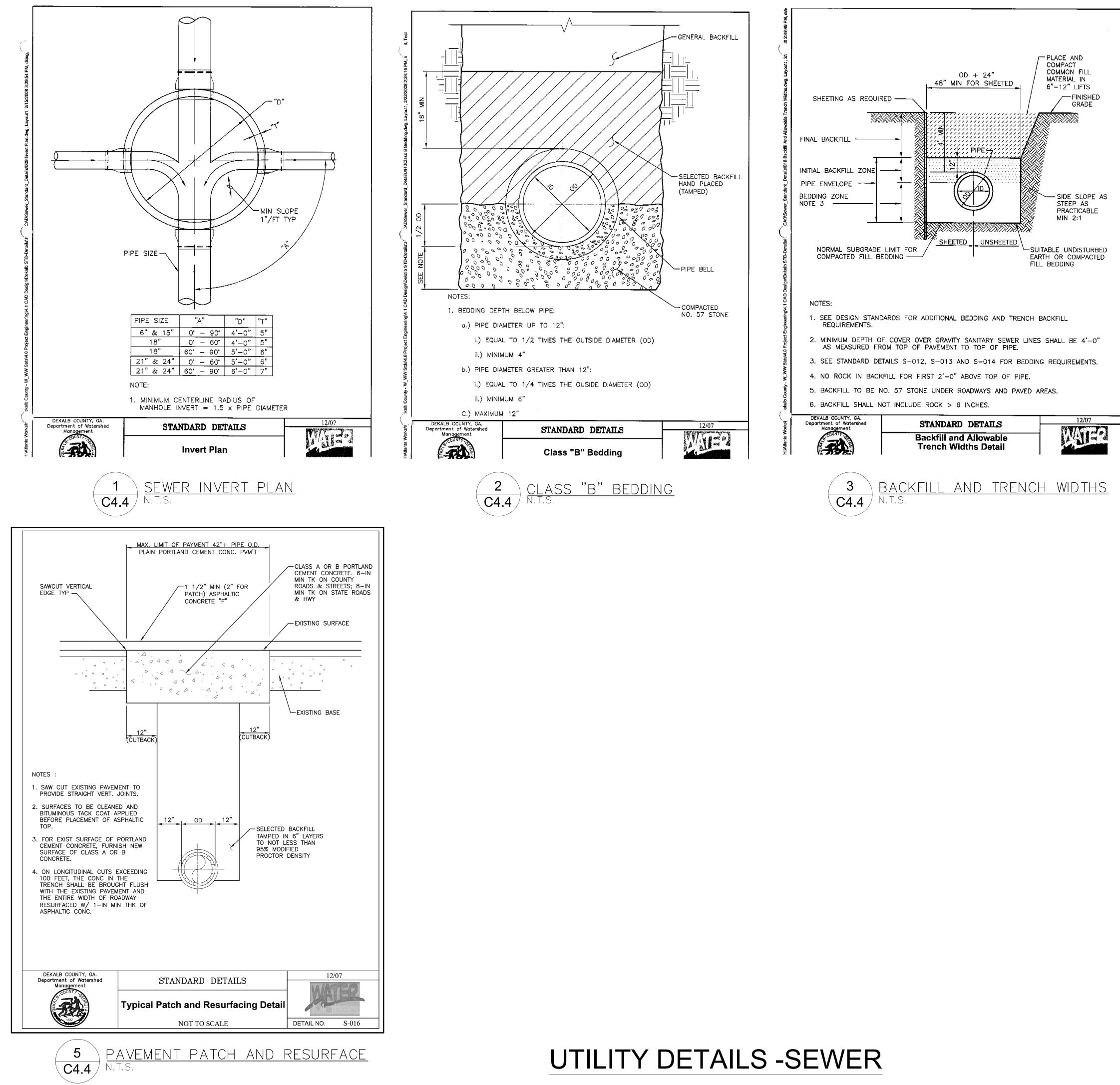


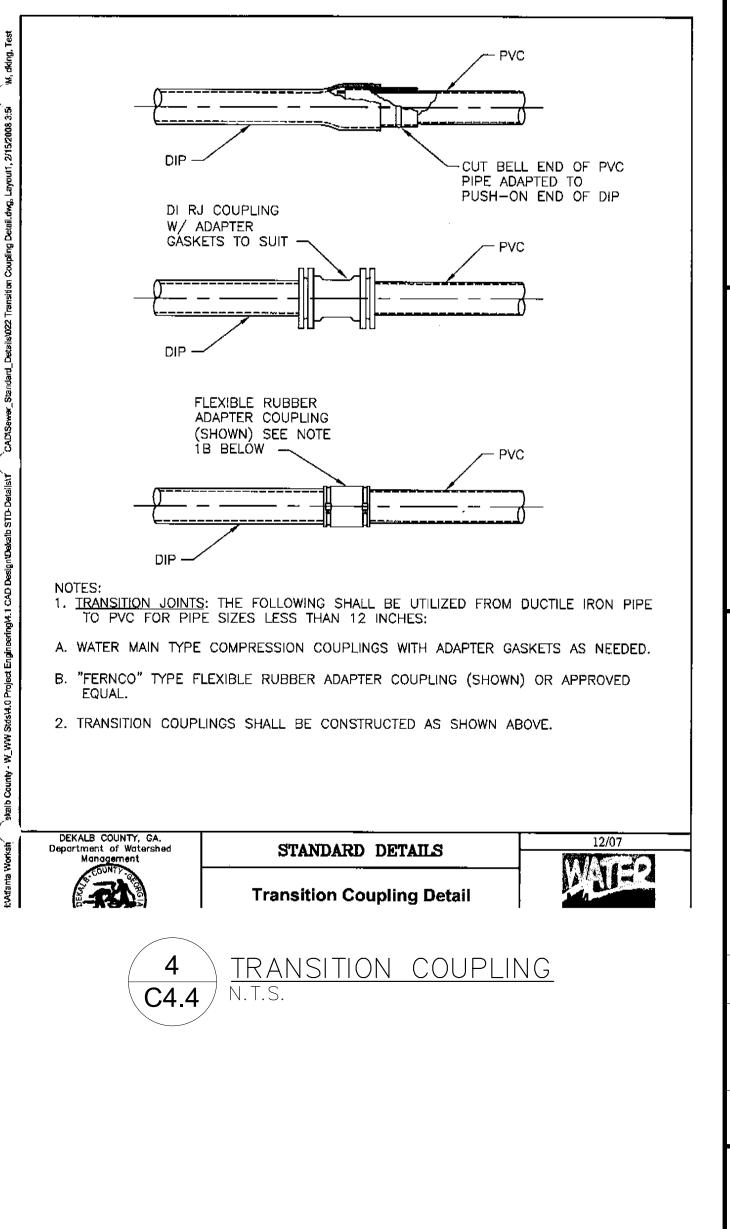
11/07

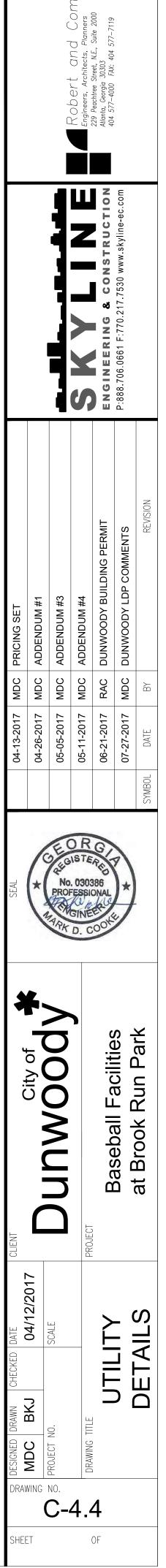


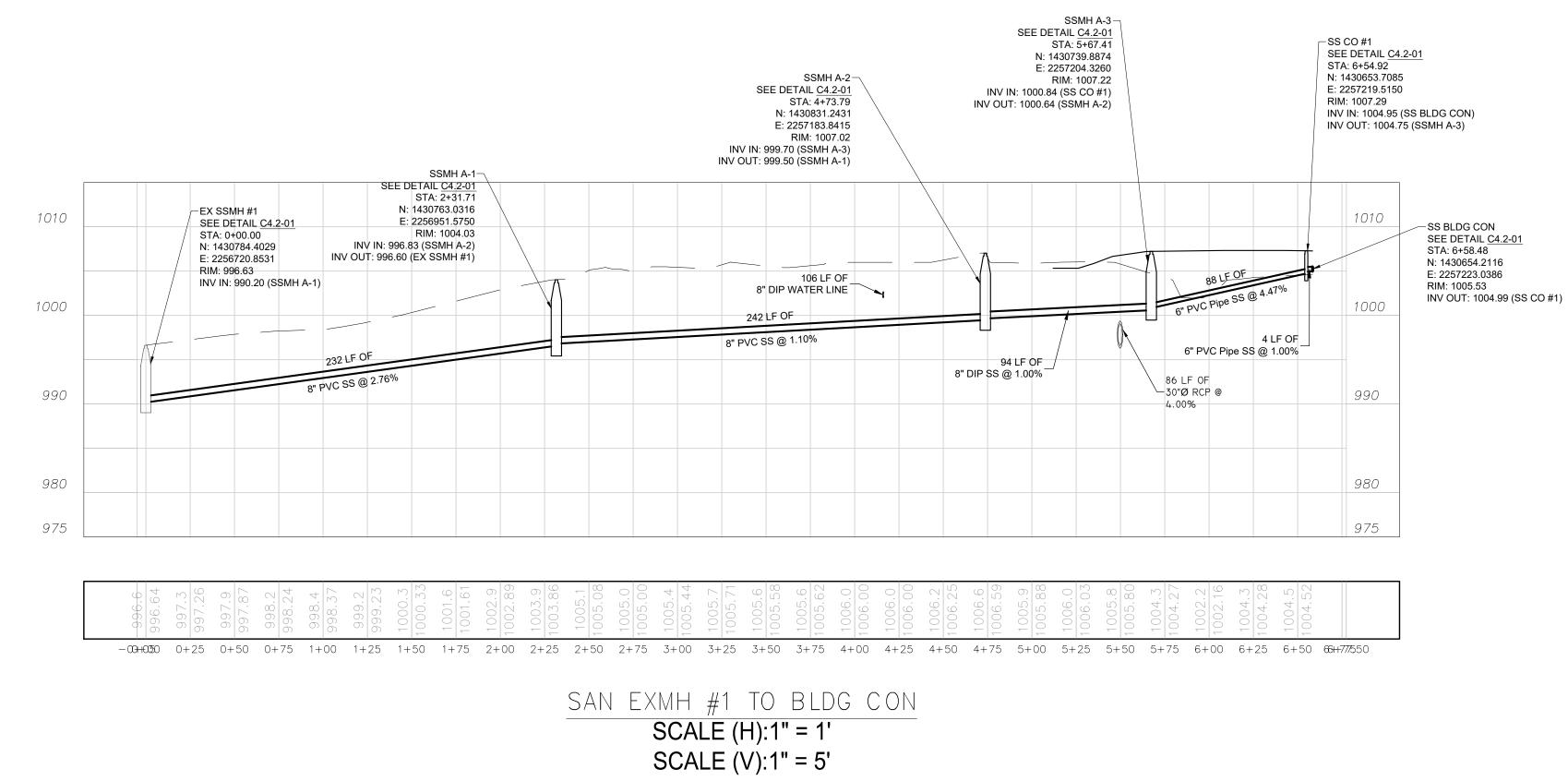
UTILITY DETAILS -SEWER





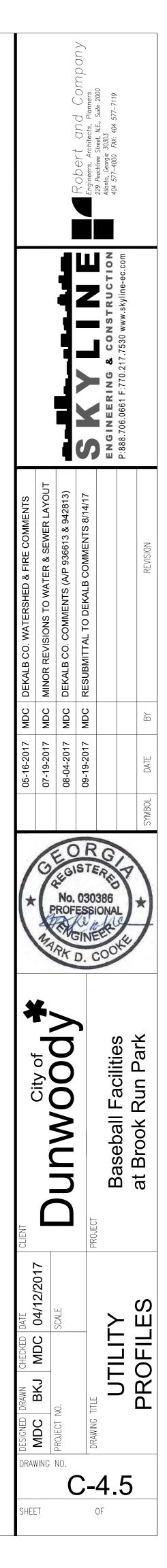


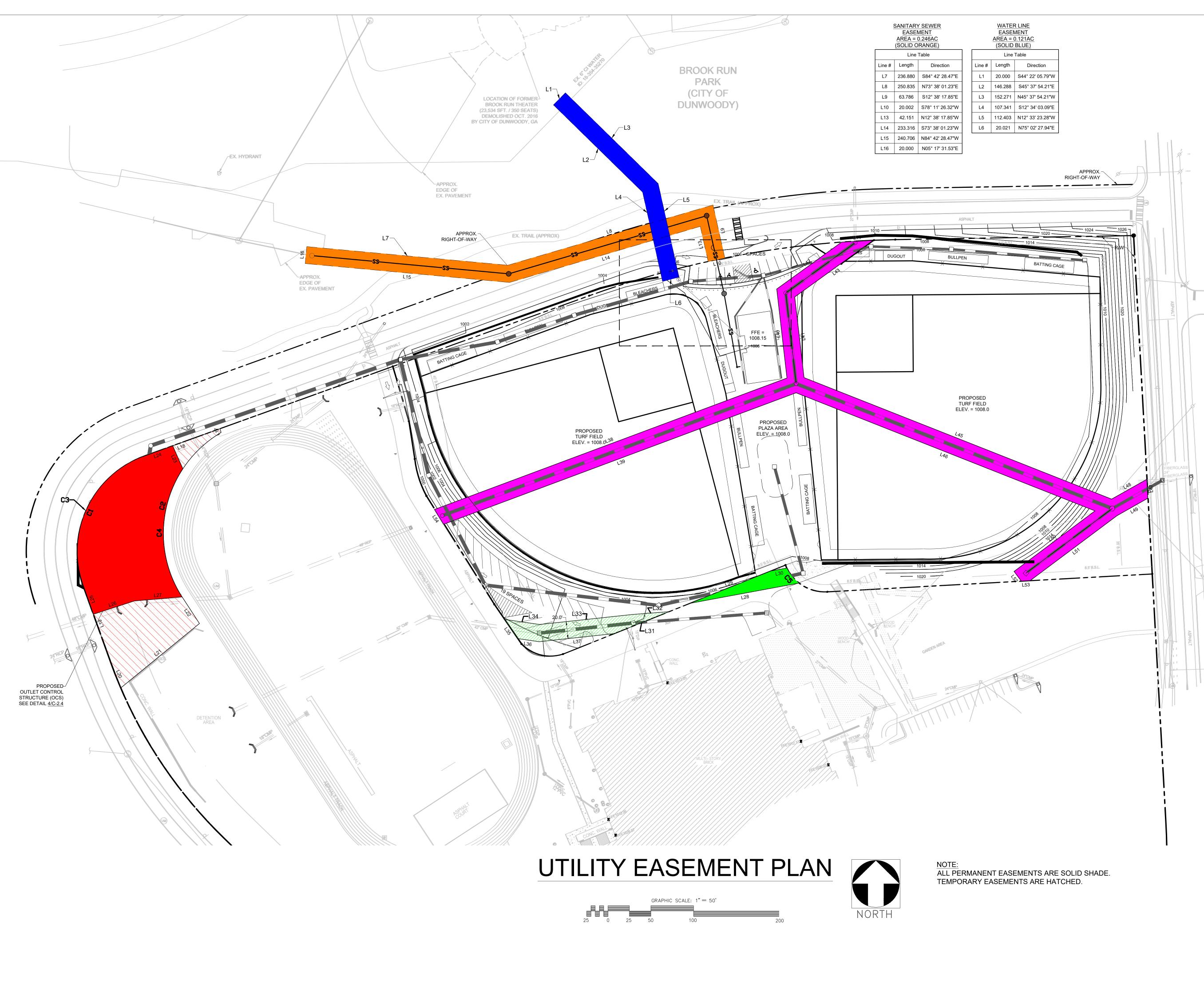




UTILITY PROFILES

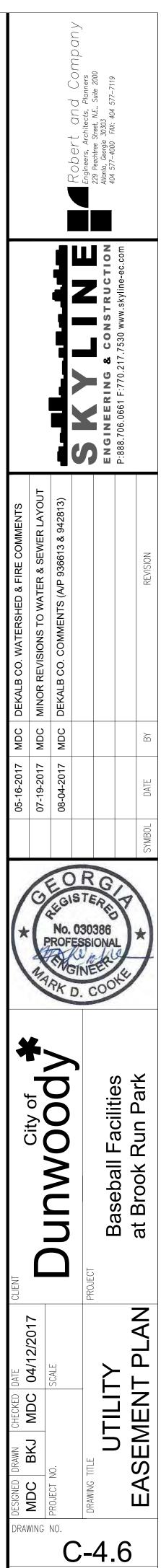
GRAPHIC SCALE: 1" = 50'25 0 25 50 100 200





ASEMENTS ARE SOLID SHADE.
MENTS ARE HATCHED.

Line # L23 L24 L25 L26 L27 Curve # C3 C4 C4 Line # L17 L18	Line T Length 29.505 40.817 34.477 50.721 56.332 Cur 56.332 Cur 159.021 159.021 159.021 TEMP CONST EASEMEN AREA = (RED	Direction N23° 52' 39.78"W \$70° 06' 45.42"W \$18° 52' 44.76"E N72° 00' 49.22"E N85° 11' 02.14"E ve Table Radius Delta 0 119.048 087.7277 1 137.489 066.2687 PORARY RUCTION NT @ POND = 0.568AC						
L23 L24 L25 L26 L27 Curve # C3 C4	29.505 40.817 34.477 50.721 56.332 Cur Length 182.279 159.021 TEMP <u>CONST</u> EASEMEN <u>AREA =</u> <u>(RED</u> Line	N23° 52' 39.78"W S70° 06' 45.42"W S18° 52' 44.76"E N72° 00' 49.22"E N85° 11' 02.14"E ve Table Radius Delta 0 119.048 087.7277 1 137.489 066.2687 PORARY RUCTION NT @ POND = 0.568AC						
L24 L25 L26 L27 Curve # C3 C4 Line # L17	40.817 34.477 50.721 56.332 Cur Length 182.279 159.021 TEMP CONST EASEMEN AREA = (RED Line	S70° 06' 45.42"W S18° 52' 44.76"E N72° 00' 49.22"E N85° 11' 02.14"E ve Table Radius Delta 0 119.048 087.7277 1 137.489 066.2687 PORARY RUCTION NT @ POND = 0.568AC E						
L25 L26 L27 Curve # C3 C4 Line # L17	34.477 50.721 56.332 Cur Length 182.279 159.021 TEMP <u>CONST</u> <u>AREA =</u> <u>(RED</u> Line	S18° 52' 44.76"E N72° 00' 49.22"E N85° 11' 02.14"E ve Table Radius Delta 0 119.048 087.7277 1 137.489 066.2687 PORARY RUCTION NT @ POND = 0.568AC E						
L26 L27 Curve # C3 C4 Line # L17	50.721 56.332 Cur Length 182.279 159.021 TEMP <u>CONST</u> EASEMEN <u>AREA =</u> <u>(RED</u> Line	N72° 00' 49.22"E N85° 11' 02.14"E ve Table Radius Delta 0 119.048 087.7277 1 137.489 066.2687 PORARY RUCTION NT @ POND = 0.568AC						
L27 Curve # C3 C4 Line #	56.332 Cur Length 182.279 159.021 <u>TEMP CONST</u> EASEMEN <u>AREA =</u> (<u>RED</u> Line	N85° 11' 02.14"E ve Table Radius Delta 0 119.048 087.7277 1 137.489 066.2687 PORARY RUCTION NT @ POND = 0.568AC 0.568AC						
C3 C4 Line # L17	Length 182.279 159.021 <u>TEMP</u> CONST EASEMEN <u>AREA =</u> (RED Line	Radius Delta 119.048 087.7277 137.489 066.2687 20RARY RUCTION NT @ POND = 0.568AC						
C3 C4 Line # L17	182.279 159.021 <u>TEMP</u> <u>CONST</u> EASEMEN <u>AREA =</u> <u>(RED</u> Line	0 119.048 087.7277 1 137.489 066.2687 2 ORARY RUCTION NT @ POND - 0.568AC						
Line #	TEMP CONST EASEMEN AREA = (RED Line	PORARY RUCTION NT @ POND = 0.568AC						
Line #	CONST EASEMEN AREA = (RED Line	RUCTION NT @ POND = 0.568AC						
L17	CONSTRUCTION EASEMENT @ POND AREA = 0.568AC (RED HATCH) Line Table							
	5	Table Direction						
L18	4.651	N15° 34' 09.68"W						
	99.866	S70° 06' 45.42"W						
L19	94.952	S19° 27' 56.29"E						
L20 L21	31.815 119.570	S21° 28' 43.79"E N50° 43' 03.94"E						
L21 L22	36.553	N33° 04' 17.30"W						
	Cur	ve Table						
Curve # Length Radius Delta								
C1 182.279 119.048 087.7277 C2 222.061 137.489 092.5394								
し <mark>こ 222.061 137.489 092.5394</mark>								
DRAINAGE EASEMENT @ FIRE LANE AREA = 0.033AC (SOLID GREEN) Line Table Line # Length Direction								
	-							
L28 L29	129.810 102.108	S79° 29' 08.01"W N68° 11' 23.91"E						
L29 L30	102.108	N68° 11' 23.91"E S79° 29' 08.01"W						
-	-							
Curve Table Curve # Length Radius Delta C5 22.998 50.000 026.3539								
	CSB @ P AREA = (
	AINAGE I DCSB @ P AREA = 0 (GREEN	EASEMENT PARKING LOT 0.071AC						
	AINAGE I DCSB @ P AREA = 0 (GREEN Line	EASEMENT PARKING LOT 0.071AC HATCH) Table						
TO E	AINAGE I DCSB @ P AREA = 0 (GREEN Line	EASEMENT PARKING LOT 0.071AC HATCH) Table Direction						
TO E	AINAGE I DCSB @ P AREA = 0 (GREEN Line Length 69.012	EASEMENT PARKING LOT 0.071AC HATCH) Table Direction N68° 11' 42.09"E						
TO E Line # L31 L32 L33 L34	AINAGE I DCSB @ F AREA = 0 (GREEN Line Length 69.012 42.806 109.830 41.641	EASEMENT PARKING LOT 0.071AC HATCH) Table Direction N68° 11' 42.09"E S85° 41' 57.31"W S83° 50' 27.39"W N81° 41' 13.28"W						
<u>TO E</u> Line # L31 L32 L33 L34 L35	AINAGE I DCSB @ P AREA = 0 (GREEN Line Length 69.012 42.806 109.830 41.641 27.254	EASEMENT PARKING LOT 0.071AC HATCH) Table Direction N68° 11' 42.09"E S85° 41' 57.31"W S83° 50' 27.39"W N81° 41' 13.28"W N34° 28' 36.70"W						
<u>TO E</u> Line # L31 L32 L33 L34	AINAGE I DCSB @ F AREA = 0 (GREEN Line Length 69.012 42.806 109.830 41.641	EASEMENT PARKING LOT 0.071AC HATCH) Table Direction N68° 11' 42.09"E S85° 41' 57.31"W S83° 50' 27.39"W N81° 41' 13.28"W						
TO E Line # L31 L32 L33 L34 L35 L36 L37	AINAGE I CSB @ F AREA = 0 (GREEN Line Length 69.012 42.806 109.830 41.641 27.254 25.667 88.698 AINAGE I BYPASS AREA = 0 (PURPLE	EASEMENT PARKING LOT 0.071AC HATCH) Table Direction N68° 11' 42.09"E S85° 41' 57.31"W S83° 50' 27.39"W N81° 41' 13.28"W N34° 28' 36.70"W N81° 41' 13.28"W S83° 50' 27.39"W EASEMENT LINE "B" D.559 AC						
TO E	AINAGE I DCSB @ P AREA = 0 (GREEN Line Length 69.012 42.806 109.830 41.641 27.254 25.667 88.698 AINAGE I BYPASS AREA = 0 (PURPLE Line Length	EASEMENT PARKING LOT 0.071AC HATCH) Table Direction N68° 11' 42.09"E S85° 41' 57.31"W S83° 50' 27.39"W N81° 41' 13.28"W N34° 28' 36.70"W N81° 41' 13.28"W S83° 50' 27.39"W EASEMENT LINE "B" 0.559 AC HATCH) Table Direction						
TO E	AINAGE I DCSB @ F AREA = 0 (GREEN Line Length 69.012 42.806 109.830 41.641 27.254 25.667 88.698 AINAGE I BYPASS AREA = 0 (PURPLE Line	EASEMENT PARKING LOT 0.071AC HATCH) Table Direction N68° 11' 42.09"E S85° 41' 57.31"W S83° 50' 27.39"W N81° 41' 13.28"W N81° 41' 13.28"W N81° 41' 13.28"W S83° 50' 27.39"W EASEMENT LINE "B" D.559 AC HATCH) Table						
<u>TO E</u> Line # L31 L32 L33 L34 L35 L36 L37 <u>DR</u>	AINAGE I DCSB @ P AREA = 0 (GREEN Line Length 69.012 42.806 109.830 41.641 27.254 25.667 88.698 AINAGE I BYPASS AREA = 0 (PURPLE Line Length 441.271	EASEMENT PARKING LOT 0.071AC HATCH) Table Direction N68° 11' 42.09"E S85° 41' 57.31"W S83° 50' 27.39"W N81° 41' 13.28"W N34° 28' 36.70"W N81° 41' 13.28"W S83° 50' 27.39"W EASEMENT LINE "B" D.559 AC HATCH) Table Direction N69° 32' 46.70"E						
TO E Line # L31 L32 L33 L34 L35 L36 L37 DR L37	AINAGE I DCSB @ F AREA = 0 (GREEN Line Length 69.012 42.806 109.830 41.641 27.254 25.667 88.698 AINAGE I BYPASS AREA = 0 (PURPLE Line Length 441.271 441.364	EASEMENT OUTIAC HATCH) Table Direction N68° 11' 42.09"E S85° 41' 57.31"W S83° 50' 27.39"W N81° 41' 13.28"W N81° 41' 13.28"W N81° 41' 13.28"W S83° 50' 27.39"W EASEMENT LINE "B" D.559 AC HATCH) Table Direction N69° 32' 46.70"E S69° 32' 46.70"W						
TO E Line # L31 L32 L33 L34 L35 L36 L37 DR Line # L38 L39 L40 L41 L42	AINAGE I DCSB @ F AREA = 0 (GREEN Line Length 69.012 42.806 109.830 41.641 27.254 25.667 88.698 AINAGE I BYPASS AREA = 0 (PURPLE Line Length 441.271 441.364 105.125 95.243 93.863	EASEMENT PARKING LOT 0.071AC HATCH) Table Direction N68° 11' 42.09"E S85° 41' 57.31"W S83° 50' 27.39"W N81° 41' 13.28"W N34° 28' 36.70"W N81° 41' 13.28"W S83° 50' 27.39"W S83° 50' 27.39"W EASEMENT LINE "B" D.559 AC HATCH) Table Direction N69° 32' 46.70"E S69° 32' 46.70"W N06° 34' 02.32"W S06° 34' 02.32"E N54° 09' 22.93"E						
TO E Line # L31 L32 L33 L34 L35 L36 L37 DE Line # L38 L39 L40 L41 L42 L43	AINAGE I DCSB @ P AREA = 0 (GREEN Line Length 69.012 42.806 109.830 41.641 27.254 25.667 88.698 AINAGE I BYPASS AREA = 0 (PURPLE Line Length 441.271 441.364 105.125 95.243 93.863 113.422	EASEMENT PARKING LOT 0.071AC HATCH) Table Direction N68° 11' 42.09"E S85° 41' 57.31"W S83° 50' 27.39"W N81° 41' 13.28"W N34° 28' 36.70"W N81° 41' 13.28"W S83° 50' 27.39"W S83° 50' 27.39"W EASEMENT LINE "B" 0.559 AC HATCH) Table Direction N69° 32' 46.70"W N06° 34' 02.32"W S06° 34' 02.32"E N54° 09' 22.93"W						
TO E Line # L31 L32 L33 L34 L35 L36 L37 DR Line # L38 L39 L40 L41 L42	AINAGE I DCSB @ F AREA = 0 (GREEN Line Length 69.012 42.806 109.830 41.641 27.254 25.667 88.698 AINAGE I BYPASS AREA = 0 (PURPLE Line Length 441.271 441.364 105.125 95.243 93.863	EASEMENT PARKING LOT 0.071AC HATCH) Table Direction N68° 11' 42.09"E S85° 41' 57.31"W S83° 50' 27.39"W N81° 41' 13.28"W N34° 28' 36.70"W N81° 41' 13.28"W S83° 50' 27.39"W S83° 50' 27.39"W EASEMENT LINE "B" D.559 AC HATCH) Table Direction N69° 32' 46.70"E S69° 32' 46.70"W N06° 34' 02.32"W S06° 34' 02.32"E N54° 09' 22.93"E						
TO E Line # L31 L32 L33 L34 L35 L36 L37 L36 L37 Line # L38 L39 L40 L41 L42 L43 L44	AINAGE I DCSB @ P AREA = 0 (GREEN Line Length 69.012 42.806 109.830 41.641 27.254 25.667 88.698 AINAGE I BYPASS AREA = 0 (PURPLE Line Length 441.271 441.364 105.125 95.243 93.863 113.422 37.123	EASEMENT PARKING LOT 0.071AC HATCH) Table Direction N68° 11' 42.09"E S85° 41' 57.31"W S83° 50' 27.39"W N81° 41' 13.28"W N34° 28' 36.70"W N81° 41' 13.28"W S83° 50' 27.39"W S83° 50' 22.93"E S54° 09' 22.93"W N86° 45' 17.26"E						
TO E Line # L31 L32 L33 L34 L35 L36 L37 DR Line # L38 L39 L40 L41 L42 L43 L44 L45	AINAGE I DCSB @ P AREA = 0 (GREEN Line Length 69.012 42.806 109.830 41.641 27.254 25.667 88.698 AINAGE I BYPASS AREA = 0 (PURPLE Line Length 441.271 441.364 105.125 95.243 93.863 113.422 37.123 387.977	EASEMENT PARKING LOT 0.071AC HATCH) Table Direction N68° 11' 42.09"E S85° 41' 57.31"W S83° 50' 27.39"W N81° 41' 13.28"W N34° 28' 36.70"W N81° 41' 13.28"W S83° 50' 27.39"W S83° 50' 27.39"W N81° 41' 13.28"W S83° 50' 27.39"W S83° 50' 27.32"E S68° 34' 02.32"W S83° 50' 22.93"W S83° 50' 27.30"W S83° 50' 27.30"W S83° 50' 27.32"E S54° 09' 22.93"W S83° 50' 27' 06.85"E						
TO E Line # L31 L32 L33 L34 L35 L36 L37 L36 L37 Line # L38 L39 L40 L41 L42 L43 L44 L45 L44 L45 L44 L45 L44	AINAGE I OCSB @ P AREA = 0 (GREEN Line Length 69.012 42.806 109.830 41.641 27.254 25.667 88.698 AINAGE I BYPASS AREA = 0 (PURPLE Line Length 441.271 441.364 105.125 95.243 93.863 113.422 37.123 387.977 376.994 22.307 47.347	EASEMENT PARKING LOT 0.071AC HATCH) Table Direction N68° 11' 42.09"E S85° 41' 57.31"W S83° 50' 27.39"W N81° 41' 13.28"W N34° 28' 36.70"W N81° 41' 13.28"W S83° 50' 27.39"W S83° 50' 27.39"W N69° 32' 46.70"E S69° 32' 46.70"E S69° 32' 46.70"E S69° 32' 46.70"W N06° 34' 02.32"W S06° 34' 02.32"E S54° 09' 22.93"W N86° 45' 17.26"E S68° 27' 06.85"E N68° 27' 06.85"W S03° 09' 00.00"E N60° 33' 48.78"E						
TO E Line # L31 L32 L33 L34 L35 L36 L37 L37 L38 L39 L40 L41 L42 L43 L42 L43 L44 L45 L44 L45 L44 L45 L44 L45 L44	AINAGE I DCSB @ P AREA = 0 (GREEN Line benefith 69.012 42.806 109.830 41.641 27.254 25.667 88.698 AINAGE I BYPASS AREA = 0 (PURPLE Line Length 441.271 441.364 105.125 95.243 93.863 113.422 37.123 387.977 376.994 22.307 47.347	EASEMENT PARKING LOT 0.071AC HATCH) Table Direction N68° 11' 42.09"E S85° 41' 57.31"W S83° 50' 27.39"W N81° 41' 13.28"W N34° 28' 36.70"W N81° 41' 13.28"W S83° 50' 27.39"W S83° 50' 27.39"W S83° 50' 27.39"W EASEMENT LINE "B" 0.559 AC HATCH) Table Direction N69° 32' 46.70"W N06° 34' 02.32"W S06° 34' 02.32"E N54° 09' 22.93"E S54° 09' 22.93"E S54° 09' 22.93"W N86° 45' 17.26"E S68° 27' 06.85"E N68° 27' 06.85"W S03° 09' 00.00"E N60° 33' 48.78"E S60° 33' 48.78"W						
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DeKalb County		770.621.7200 (o)	Watershed Management	Sub-COUNTY-STEE	SEWER CAPACI		N PEOLIEST
GEORGIA		770.621.7271 (f)	1580 Roadhaven Drive			nt of Watershed Manageme	
LETTER	SHOWING SEWER CAPA	DeKalbCountyga.gov	Stone Mountain, GA 30083			•	
DETTER			Chief Executive Officer	Project Information:			and o a sace sum
	May 17, 2017		Michael Thurmond	Project Address:	4635 Barclay Drive	Project Name:	Baseball Facilities Brook R
Attention: Brenda Johnson Skyline Engineering & Construc	tion		Board of Commissioners District 1		Dunwoody, GA 30338 (City, State, Zip Code)	Type of Development:	Government (Private or Government)
6755 Peachtree Ind. Blvd., #250	tion		Nancy Jester	Intended Tie-In Manhole:	18-354-s017	Land Lot and Parcel ID:	18 354 14 003
Atlanta, Georgia 30360	Aai		District 2 Jeff Rader	Total Peak Flow Requesting	Contraction in the second s	County District:	18th
	Re: 4635 Bai	a di sena di Carta da	District 3 Larry Johnson		(Calculated Peak Flow - Existing Flow)	- an an south	
		Facility-Brook Run Park	District 4 Stephen Bradshaw	Developer's Information:			
	Nancy C	reek Basin	District 5	Company's Name:	City of Dunwoody, GA	Address:	41 Perimeter Ctr East, #25
Dear Ms. Johnson:			Mereda Davis Johnson District 6	Contact Name:	Brent Walker	City, State, Zip Code:	Dunwoody, GA 30346
The DeKalb County Department of request regarding the potential av			Kathle Gannon	Phone Number:	678-382-6857	Email Address:	brent.walker@dunwoodyga
location. In response to the inqui	ry, DWM staff confirms that s	anitary sewer capacity may be	Gregory Adams Sr	Engineering Firm's Informat	ion:		
available for the subject property a decreases the existing sewer flow		NY : 특히 NY 2012 - 특별 2012 - 특별 2012 - 2012		Company's Name:	Skyline Engineering & Construction	Address:	6755 Peachtree Ind. Bivd #
granted with regards to sanitary s capacity expressed herein is not gue	sewer capacity. Please note that	t the determination of available		Contact Name:	Brenda Johnson, P.E.	City, State, Zip Code:	Atlanta, GA 30360
of this correspondence and on the p	요구 집에 대한 방법에 가지 않는 것이 지갑 것이 같은 것이 같이 집에 다 집에 다 가지 않는 것이 없다. 것이 집			Phone Number:	404-604-4216	Email Address:	bkjohnson@skyline=ec.cc
in the event that sewer system infra				Please include the following	; items in your submittal package:		
low contribution and ensure adeq referenced property, the developer				Proposed	Peak Daily Flow Calculation based on	244	endix A)
uch improvements to the existing of Ordinances, Chapter 25, Article	sewer system infrastructure put	rsuant to DeKalb County Code			ting Developments detailed calculation sheet signed by t	New Conditions he owner or owner's represen	tative for each project /See App
ccepted by DeKalb County, the im				Estimate	of anticipated peak hour flow and inst	tantaneous peak hour flow for	each industrial, commercial, a
his information is based on current					e project, and for each residential pro nical Information System (GIS) map cle		
potential availability of sewer serv subject to change and the potential					utility plan, if available		
Should you have any questions or c	[Automatical and a state of the state of			Name: Mark D. C	ooke. P.E.	Date: 4/18/20	017 COP
contact the Division of Planning &	Development of DWM at fklag	guaite@dekalbcountyga.gov.		5 2 1 2 1 2 1 2 1 2 1 2 1 2 1 2 1 2 1 2	Doha	Seal:	GEOISTER.
							* No. 030386 PROFESSIONAL
Sincerely,				Capacity Evaluation Request will Package has been reviewed and	not be accepted until form is fully complet accepted by our internal staff, a letter will	ed and all supplemental informatic be completed within 60 days.	on is attached. Or.
Scott M. Low				Internal Use Only			
Scott A. Towler, P.E. Director							
	nent		<u>व्हिं</u> व	Date Capacity Request Reviewed and Accepted:		Received By: Signed:	
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	nent DEKALB (COUNTY	AD QIZZON				
Department of Watershed Manager	DEKALB (RSHED MANAGEMENT	BAD QIZTER			Signed:	
Department of Watershed Manager	DEKALB (RSHED MANAGEMENT	RATER MATTER			Signed:	FOG MANAC
Department of Watershed Manager	DEKALB (EPARTMENT OF WATER 1580 Roadhaven Drive, Sto	RSHED MANAGEMENT one Mountain, GA 30083 K (770) 414-6185	Real gradowy			Signed:	FOG MANAG
Department of Watershed Manager	DEKALB (EPARTMENT OF WATEI 1580 Roadhaven Drive, Sto (770) 724-1480 • FAX INTERCEPTOR S	RSHED MANAGEMENT one Mountain, GA 30083 ((770) 414-6185	WATER		330 W. Ponce de	Signed:	FOG MANAG AGEMENT Decatur, GA 30030
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Department of Watershed Manager Image: Country of the second se	DEKALB (EPARTMENT OF WATEH 1580 Roadhaven Drive, Sto (770) 724-1480 • FAX INTERCEPTOR S required, but there may be of rt from a licensed plumber entrol Program Manager will s where there is a valid reaso the facility for interior FO of seats in establishment usiness operation Fixture (Plumbing) ref Sinks a Sink a Sink a Sink	RSHED MANAGEMENT one Mountain, GA 30083 (770) 414-6185 SIZING FORM B circumstances where it is not explaining why an exterior in investigate the situation to do on why an exterior interceptor OG interceptor(s). ***All fixture must drain interceptor be located minimum o from interce dumpsters connected separate 10 FOG interce	es into and a of 15 feet eptor. edrains bage s and must be to a 000 gal. eptor.	Reviewed and Accepted:	330 W. Ponce de (404) INTERCEP rvice Establishment Name ment AddressDunwood nce Inspector e of the Fats, Oils, and Greases I GPM orPounds inside re tied on to the safe waste syste Gallons Interceptor out lled, outlet T stub to 4" from material	Signed: DEKALB COUNTY ENT OF WATERSHED MAN E Leon Avenue, 3 rd Floor, 10 687-7150 • FAX (404) 68 TOR SIZING SIGNA Brook Run Baseball Fields by, GA nterceptor (Grease Trap) s e installation only, location em (and / or fresh air system trained installation only, to hanhole cover and 900 elbor	AGEMENT Decatur, GA 30030 57-7167 TURE FORM shall be: shall be: on cannot be less than 15 feem).
Department of Watershed Manager	DEKALB (EPARTMENT OF WATEH 1580 Roadhaven Drive, Sto (770) 724-1480 • FAX INTERCEPTOR S required, but there may be of rt from a licensed plumber entrol Program Manager will s where there is a valid reaso the facility for interior FO of seats in establishment usiness operation Fixture (Plumbing) ref Sinks a Sink a Sink a Sink	RSHED MANAGEMENT one Mountain, GA 30083 (770) 414-6185 SIZING FORM B circumstances where it is not explaining why an exterior in investigate the situation to do on why an exterior interceptor OG interceptor(s). ***All fixture must drain interceptor be located minimum o from interce dumpsters connected separate 10 FOG interce	es into and a of 15 feet eptor. edrains age s and must be to a 000 gal. eptor.	Reviewed and Accepted:	330 W. Ponce de (404) INTERCEP rvice Establishment NameE ument AddressOunwood nce Inspector of the Fats, Oils, and Greases I GPM orO Pounds insid re tied on to the safe waste syste Gallons Interceptor out	Signed: DEKALB COUNTY ENT OF WATERSHED MAN E Leon Avenue, 3 rd Floor, 10 687-7150 • FAX (404) 68 TOR SIZING SIGNA Brook Run Baseball Fields by, GA nterceptor (Grease Trap) s e installation only, location em (and / or fresh air system trained installation only, to hanhole cover and 900 elbor	AGEMENT Decatur, GA 30030 57-7167 TURE FORM shall be: shall be: on cannot be less than 15 feem).
Department of Watershed Manager Department of Watershed Manager Department of Watershed Manager Default Default Department of Watershed Manager Default Default Department of Watershed Manager Default Department of Watershed Manager Details Department of Watershed Manager Dutside FOG interceptors are The FSE must provide a repois not possible. The FOG Conconstraints are valid. In cases Compliance inspector will size Description Number of Days of b Hours of department 1, 2, 3, 4 Vegetable Meat Sind Mop Sink Floor Draw Wok Outside E Garbage DeKalb County uses the Inter (Table 1003.3.4.1) TOTAL FLOW- THROUGH RATING	DEKALB (EPARTMENT OF WATEH 1580 Roadhaven Drive, Sto (770) 724-1480 • FAX INTERCEPTOR S required, but there may be of rt from a licensed plumber entrol Program Manager will s where there is a valid reaso te the facility for interior FO of seats in establishment usiness operation Fixture (Plumbing) ter Sinks a Sink (ins Drains Disposal national Plumbing Code met	RSHED MANAGEMENT one Mountain, GA 30083 (770) 414-6185 SIZING FORM B circumstances where it is not explaining why an exterior in investigate the situation to do on why an exterior interceptor OG interceptor(s). ***All fixture must drain interceptor be located minimum o from interce thod for sizing interior FOG I	es into and a of 15 feet eptor. drains age s and must be to a 000 gal. peptor.	Reviewed and Accepted:	330 W. Ponce de (404) INTERCEP rvice Establishment Name ment AddressDunwood nce Inspector e of the Fats, Oils, and Greases I GPM orPounds inside re tied on to the safe waste syste Gallons Interceptor out lled, outlet T stub to 4" from material	Signed: DEKALB COUNTY ENT OF WATERSHED MAN E Leon Avenue, 3 rd Floor, 10 687-7150 • FAX (404) 68 TOR SIZING SIGNA Brook Run Baseball Fields by, GA nterceptor (Grease Trap) s e installation only, location em (and / or fresh air system trained installation only, to hanhole cover and 900 elbor	AGEMENT Decatur, GA 30030 57-7167 TURE FORM shall be: shall be: on cannot be less than 15 feem).
Department of Watershed Manager Department of Watershed Manager Department of Watershed Manager Department of Watershed Manager Definition of Watershed Manager Definition of Watershed Manager Definition of Watershed Manager Details FOG interceptors are The FSE must provide a repoint of the FOG Con- constraints are valid. In cases Compliance inspector will size Number of Days of b Hours of Watershed Manager Number of Watershed Manager Details County uses the Inter (Table 1003.3.4.1) TOTAL FLOW- THROUGH RATING (gpm) 4	DEKALB (EPARTMENT OF WATEH 1580 Roadhaven Drive, Sto (770) 724-1480 • FAX INTERCEPTOR S required, but there may be of rt from a licensed plumber entrol Program Manager will s where there is a valid reaso the facility for interior FO of seats in establishment usiness operation Fixture (Plumbing) ter Sinks a Sink c ins Drains Disposal national Plumbing Code met GREASE RETENTION CAPACITY (pounds)	RSHED MANAGEMENT one Mountain, GA 30083 (770) 414-6185 SIZING FORM B circumstances where it is not explaining why an exterior in investigate the situation to do on why an exterior interceptor OG interceptor(s). ***All fixture must drain interceptor be located minimum of from interce thod for sizing interior FOG I FIXTURE UNIT Single compartment sink	${20 \text{ x} 1} = 20$	Reviewed and Accepted:	330 W. Ponce de (404) INTERCEP rvice Establishment Name ment AddressDunwood nce Inspector e of the Fats, Oils, and Greases I GPM orPounds inside re tied on to the safe waste syste Gallons Interceptor out lled, outlet T stub to 4" from material	Signed: DEKALB COUNTY ENT OF WATERSHED MAN E Leon Avenue, 3 rd Floor, 10 687-7150 • FAX (404) 68 TOR SIZING SIGNA Brook Run Baseball Fields by, GA nterceptor (Grease Trap) s e installation only, location em (and / or fresh air system trained installation only, to hanhole cover and 900 elbor	AGEMENT Decatur, GA 30030 57-7167 TURE FORM shall be: shall be: on cannot be less than 15 feem).
epartment of Watershed Manager	DEKALB (EPARTMENT OF WATEH 1580 Roadhaven Drive, Sto (770) 724-1480 • FAX INTERCEPTOR S required, but there may be of rt from a licensed plumber entrol Program Manager will s where there is a valid reaso the facility for interior FO of seats in establishment usiness operation <u>Fixture (Plumbing)</u> ref Sinks s Sink s Sink ins Drains Disposal national Plumbing Code met	RSHED MANAGEMENT one Mountain, GA 30083 (770) 414-6185 SIZING FORM B circumstances where it is not explaining why an exterior in investigate the situation to do on why an exterior interceptor of interceptor(s). ***All fixture must drain interceptor be located minimum o from interce thod for sizing interior FOG I FIXTURE UNIT	es into and a of 15 feet eptor. edrains age s and must be to a 000 gal. eeptor.	Reviewed and Accepted:	330 W. Ponce de (404) INTERCEP rvice Establishment Name ment AddressDunwood nce Inspector e of the Fats, Oils, and Greases I GPM orPounds inside re tied on to the safe waste syste Gallons Interceptor out lled, outlet T stub to 4" from material	Signed: DEKALB COUNTY ENT OF WATERSHED MAN E Leon Avenue, 3 rd Floor, 10 687-7150 • FAX (404) 68 TOR SIZING SIGNA Brook Run Baseball Fields by, GA nterceptor (Grease Trap) s e installation only, location em (and / or fresh air system trained installation only, to hanhole cover and 900 elbor	AGEMENT Decatur, GA 30030 57-7167 TURE FORM shall be: shall be: on cannot be less than 15 feem).
epartment of Watershed Manager	DEKALB (EPARTMENT OF WATEH 1580 Roadhaven Drive, Sto (770) 724-1480 • FAX INTERCEPTOR S required, but there may be of rt from a licensed plumber en ntrol Program Manager will s where there is a valid reaso the facility for interior FO of seats in establishment usiness operation Fixture (Plumbing) ner Sinks e Sink c ins Drains Disposal national Plumbing Code met GREASE RETENTION CAPACITY (pounds) 8 12	RSHED MANAGEMENT one Mountain, GA 30083 K (770) 414-6185 SIZING FORM B circumstances where it is not explaining why an exterior interceptor in investigate the situation to com why an exterior interceptor (s). ***All fixture must drain interceptor be located minimum o from interce *** Outside under garb compactors dumpsters connected separate 10 FOG interc thod for sizing interior FOG I FIXTURE UNIT Single compartment sink Double compartment sink	es into and b t possible to install them. decide if the installation do c an't be installed, the es into and a of 15 feet eptor. edrains age s and must be to a 000 gal. aptor.	Reviewed and Accepted:	330 W. Ponce de (404) INTERCEP rvice Establishment Name ment AddressDunwood nce Inspector e of the Fats, Oils, and Greases I GPM orPounds inside re tied on to the safe waste syste Gallons Interceptor out lled, outlet T stub to 4" from material	Signed: DEKALB COUNTY ENT OF WATERSHED MAN E Leon Avenue, 3 rd Floor, 10 687-7150 • FAX (404) 68 TOR SIZING SIGNA Brook Run Baseball Fields by, GA nterceptor (Grease Trap) s e installation only, location em (and / or fresh air system trained installation only, to hanhole cover and 900 elbor	AGEMENT Decatur, GA 30030 57-7167 TURE FORM shall be: shall be: on cannot be less than 15 feem).

15

18

20

25

35

50

75

100

20 X <u>1</u> = 20

6 X =

Total Peak Flow Rate = 80 GPM

Utility (mop) sink

Wok Station (two burner)

30

36

40

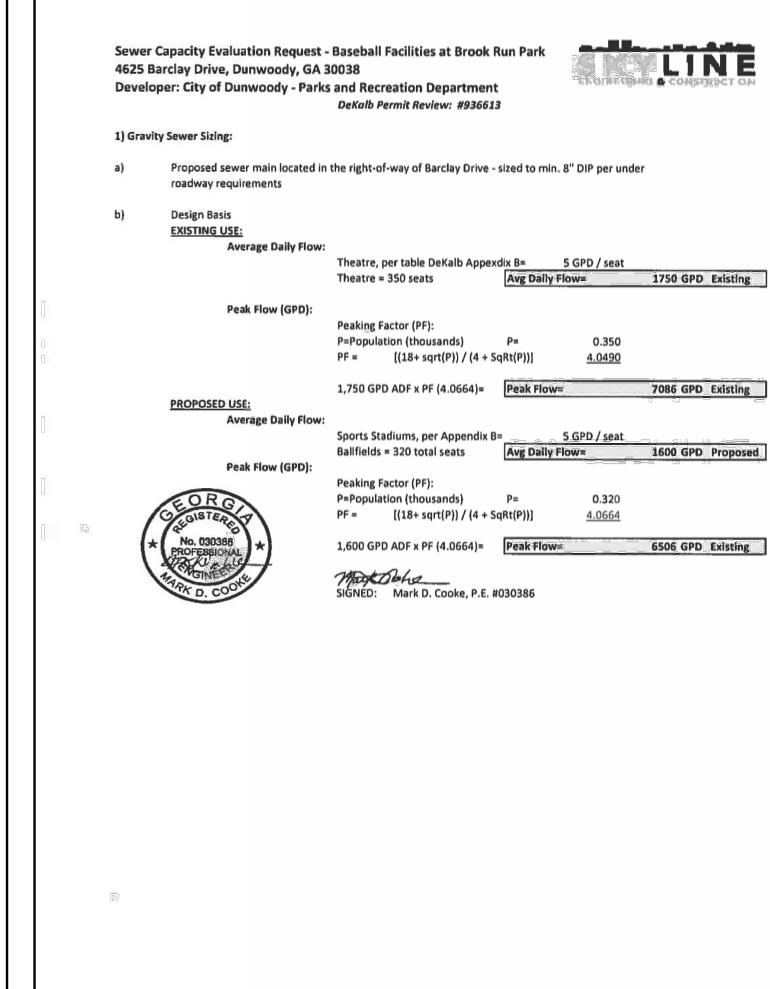
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70

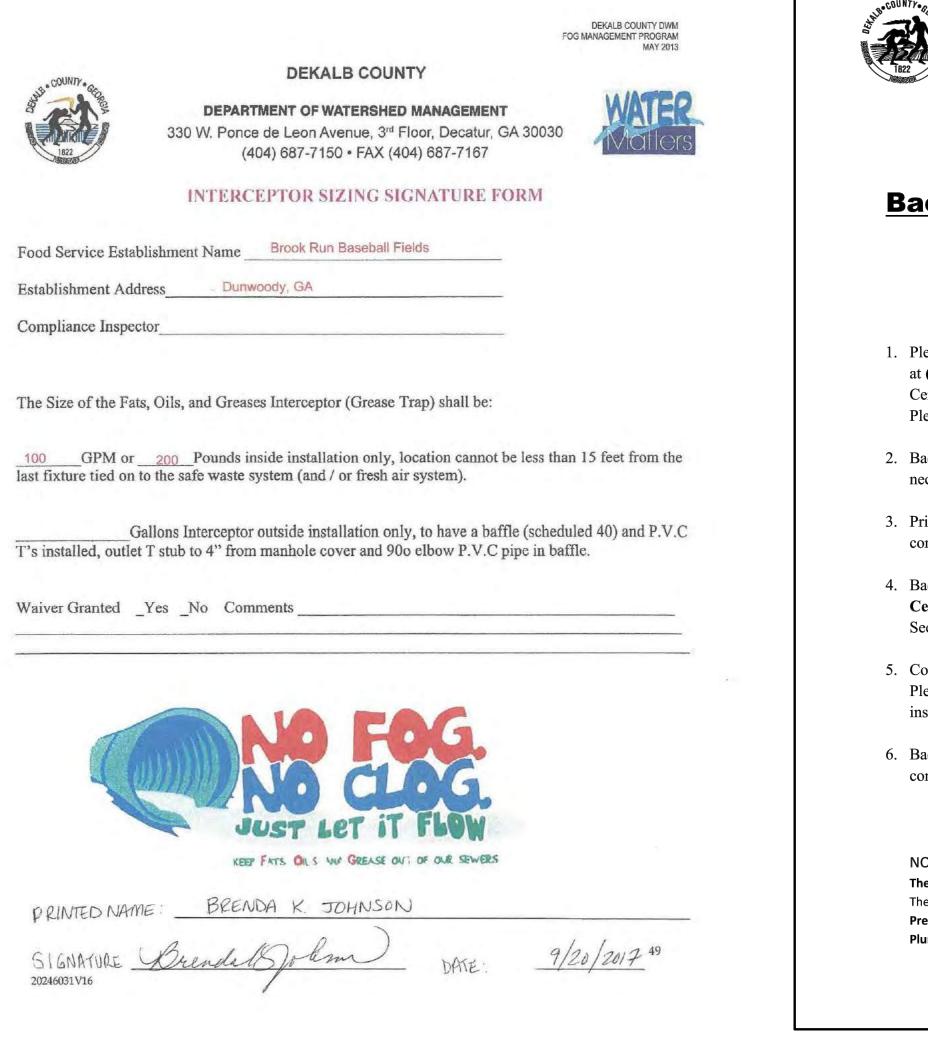
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DeKalb County Department of Watershed Management Cross Connection Control & Backflow Prevention Program 330 W. Ponce de Leon Avenue-3rd Floor, Decatur, GA 30030 (404) 687-4075 • FAX (404) 687-4057

Backflow Prevention Inspection Procedure for Certificate of Occupancy (CO)

- 1. Please, Contact DCDWM Cross-Connection & Backflow Prevention Program Section at (404) 687-4075 to set up backflow prevention inspection at least two weeks prior to obtaining a Certificate of Occupancy, (CO). Please leave Building permit number and your contact information.
- 2. Backflow Prevention Inspector will visit site to perform backflow prevention inspection and, if necessary, requires installation of backflow prevention assembly(s).
- 3. Prior to installation of required backflow prevention assembly(s), Plumbing contractor shall contact Backflow Prevention inspector at (404) 687-4075.
- 4. Backflow prevention assembly(s) shall be tested upon installation by a **Backflow Prevention** Certified Tester that is registered with DeKalb County Department of Watershed Management. See List of DeKalb County Backflow Prevention Certified Testers.
- 5. Contact Backflow Prevention inspector for a post inspection of backflow prevention assembly(s). Please have a copy of Test report(s) available on site or send a copy to Backflow Prevention inspector.
- 6. Backflow Prevention Inspector will do backflow prevention inspection and make recommendation concerning CO sign off for backflow prevention inspection.

NOTE:

The Backflow Prevention Inspection is a separate inspection and apart from Plumbing Inspection. The Backflow Prevention Inspection ensures compliance with DeKalb County-Cross Connection & Backflow Prevention Program, EPD regulations and EPA regulations. Plumbing Inspection ensures compliance with International Plumbing Code (IPC) - with Georgia Amendments

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Avg Daily Flow= 1750 GPD Existing

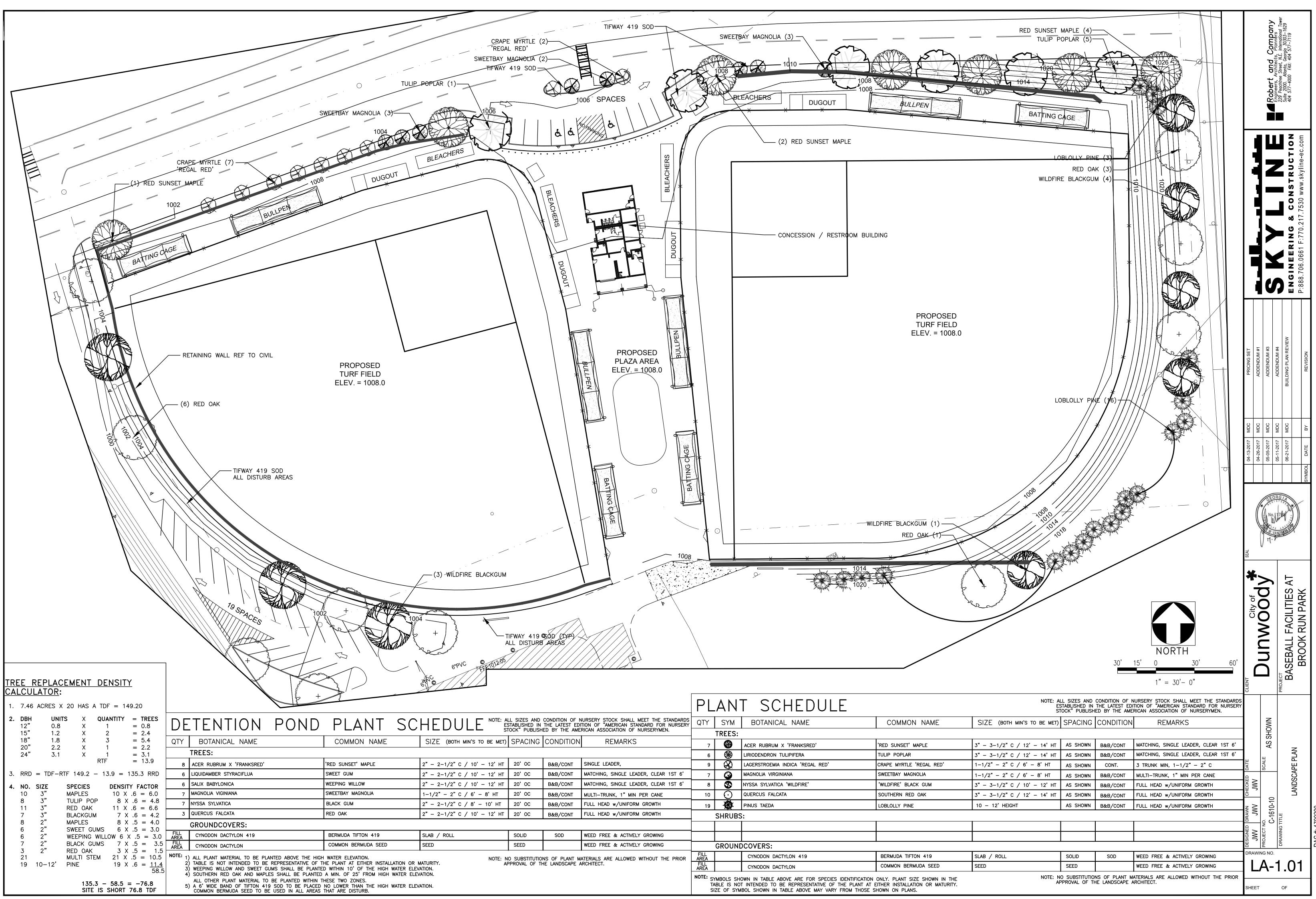
0.350 4.0490

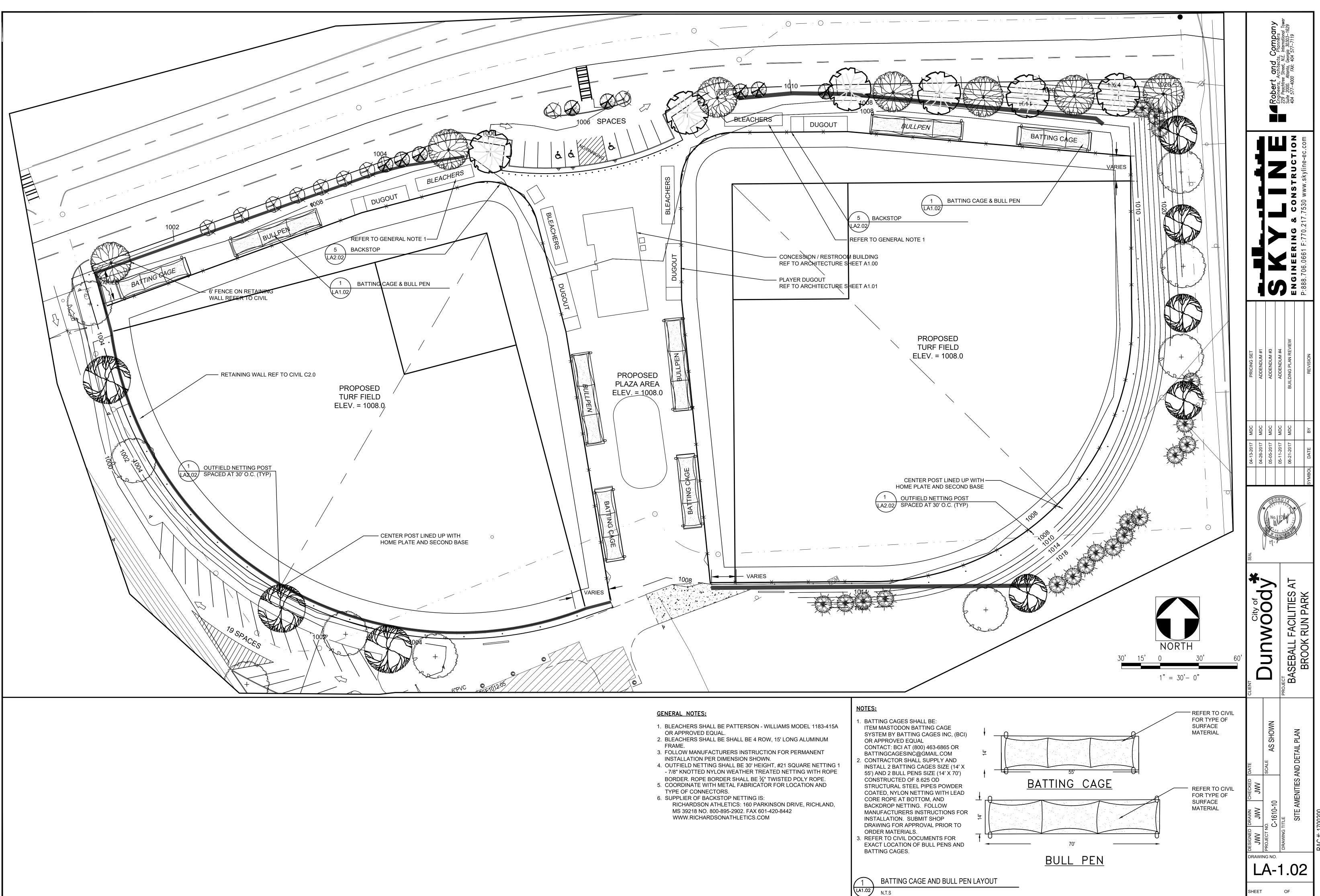
7086 GPD Existing

0.320 4.0664



SHEE	DESIGNED DRAWN CHECKED DATE CLIENT		SEAL	04-13-2017	04-13-2017 MDC PRICING SET		
ĒT	MUC BKJ		*	04-26-2017	04-26-2017 MDC ADDENDUM #1		
(.OM PROJECT NO. SCALE		HU BA NO PROF RK	05-05-2017	05-05-2017 MDC ADDENDUM #3		
<u>)</u>			D.	05-11-2017	05-11-2017 MDC ADDENDLIM #4		Kobert and Lompany
(DRAWING TITLE PROJECT	<u>-</u> CT	R TE BOSIC				200 Damino Stront N E Suit 2000
4 .	SEWER & FOG	Racahall Eacilitiae	G Pro BB6 DINAL OV	06-21-2017	RAC DUNWOODY BUILDING PERMIT	ENGINEERING & CONSTRUCTION	zzy reactivee street, N.E., Suite zooo Atlanta, Georgia 30303 404 577–4000 FAX: 404 577–7119
7			*	07-27-2017	07-27-2017 MDC DUNWOODY LDP COMMENTS	P:888.706.0661 F:770.217.7530 www.skyline-ec.com	
	DOCUMENIS	al Brook Run Park	SYM	ABOL DATE	BY REVISION		

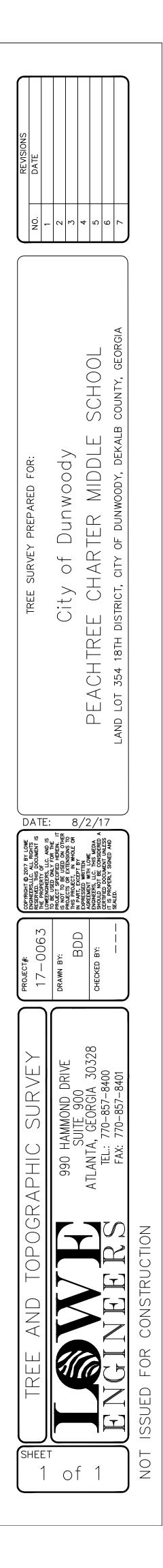




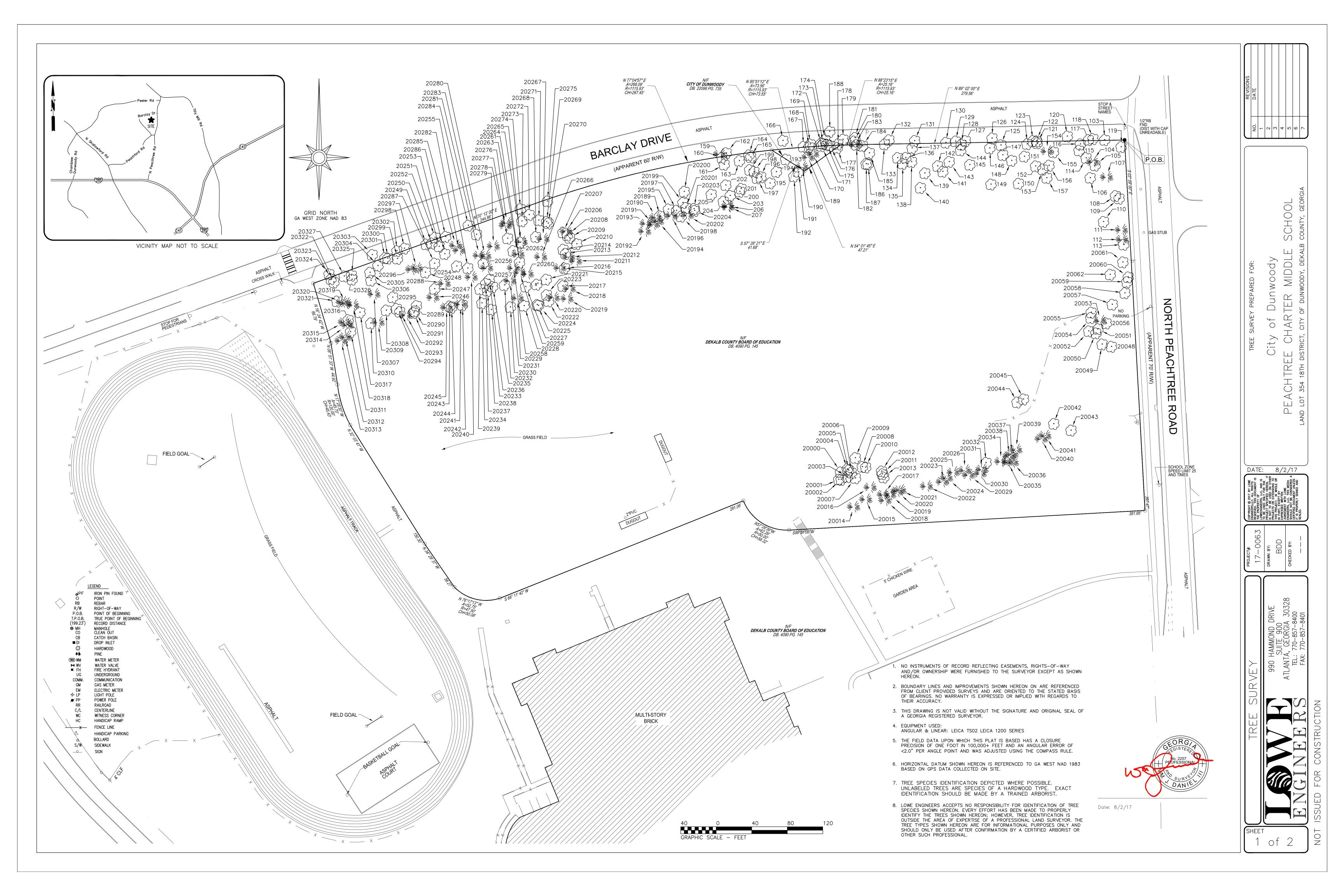


Tree ID #	Spacias DBU	Statuc	Tree ID #
1238	Species, DBH POP 16	Status REMAIN	1338
1230	PINE 18	TO BE REMOVED	1339
1241	OAK 10	REMAIN	1340
1249	PINE 16	TO BE REMOVED	1341
1253	OAK 20	REMAIN	1342
1254	PINE 14	REMAIN	1343
1255	PINE 12	REMAIN	1344
1256 1259	PINE 10 PINE 26	REMAIN REMAIN	1345 1346
1259	PINE 20	REMAIN	1340
1262	PINE 15	TO BE REMOVED	1348
1263	PINE 12	TO BE REMOVED	1349
1264	PINE 16	TO BE REMOVED	1350
1266	PINE 17	TO BE REMOVED	1351
1268	MAPLE 16	TO BE REMOVED	1352
1274	PINE 8	TO BE REMOVED	1353
1275 1276	PINE 8 PINE 12	TO BE REMOVED	1354 1355
1270	PINE 18	TO BE REMOVED	1355
1278	PINE 10	TO BE REMOVED	1357
1279	PINE 14	TO BE REMOVED	1358
1280	PINE 18	TO BE REMOVED	1359
1281	POP 8	TO BE REMOVED	1360
1282	PINE 8	TO BE REMOVED	1361
1283	PINE 24	TO BE REMOVED	1362
1284 1285	PINE 6 PINE 8	TO BE REMOVED	1363 1368
1285	PINE 13	TO BE REMOVED	1369
1287	PINE 12	TO BE REMOVED	1371
1288	PINE 12	TO BE REMOVED	1372
1289	PINE 14	TO BE REMOVED	1373
1290	PINE 8	TO BE REMOVED	1374
1291	POP 8	TO BE REMOVED	1375
1292	PINE 27	TO BE REMOVED	1376
1293 1294	PINE 20 PINE 18	TO BE REMOVED	1377 1378
1297	PINE 18	TO BE REMOVED	1379
1298	PINE 8	TO BE REMOVED	1380
1299	POP 6	TO BE REMOVED	1381
1300	PINE 8	TO BE REMOVED	1382
1301	POP 8	TO BE REMOVED	1383
1302	PINE 6	TO BE REMOVED	1384
1303 1304	PINE 14 PINE 10	TO BE REMOVED	1385 1386
1304 1306	PINE 10 PINE 10	TO BE REMOVED	1380
1307	PINE 6	TO BE REMOVED	1388
1309	POP 6	TO BE REMOVED	1389
1310	POP 6	TO BE REMOVED	1390
1311	PINE 9	TO BE REMOVED	1391
1312	PINE 12	TO BE REMOVED	1392
1313	PINE 20	TO BE REMOVED	1393
1314 1315	PINE 6 POP 13	TO BE REMOVED	1394 1395
1315	POP 13	TO BE REMOVED	1395
1317	PINE 18	TO BE REMOVED	1397
1318	PINE 6	TO BE REMOVED	1398
1319	PINE 16	TO BE REMOVED	1399
1321	PINE 12	TO BE REMOVED	1400
1322	OAK 13	TO BE REMOVED	1401
1323	POP 16	TO BE REMOVED	1402
1324 1325	POP 7 OAK 10	TO BE REMOVED	1403 1404
1325	PINE 17	TO BE REMOVED	1404
1327	POP 17	TO BE REMOVED	1406
1328	PINE 16	TO BE REMOVED	1407
1329	POP 6	TO BE REMOVED	1410
1330	POP 13	TO BE REMOVED	1411
1331	POP 8	TO BE REMOVED	1412
1332 1333	PINE 8	TO BE REMOVED	1413
1333 1334	POP 6 PINE 24	TO BE REMOVED	1414 1415
1334	PINE 24 POP 8	TO BE REMOVED	1415
1336	PINE 18	TO BE REMOVED	1417
1337	PINE 10	TO BE REMOVED	1419

Species, DBH	Status	Tree ID #	Species, DBH	Status	Tree ID #	Species, DBH	Status
PINE 20	TO BE REMOVED	1420	OAK 24	TO BE REMOVED	20375	POP 10	REMAIN
PINE 20	TO BE REMOVED	1421	SWEETG 6	TO BE REMOVED	20376	OAK 32	REMAIN
POP 14	TO BE REMOVED	1422	SWEETG 14	TO BE REMOVED	20377	OAK 6	REMAIN
POP 12	TO BE REMOVED	1423	POP 8	TO BE REMOVED	20378	OAK 10	REMAIN
POP 16	TO BE REMOVED	1425	PINE 20	TO BE REMOVED	20379	OAK 25	REMAIN
POP 10	TO BE REMOVED	1426	POP 13	TO BE REMOVED	20380	SAP 8	REMAIN
MAPLE 12	TO BE REMOVED	1427	PINE 15	TO BE REMOVED	20381	POP 32	REMAIN
OAK 6	TO BE REMOVED	1428	POP 6	TO BE REMOVED	20384	SAS 6	REMAIN
OAK 12	TO BE REMOVED	1429	POP 6	REMAIN	20385	POP 6	REMAIN
OAK 16	TO BE REMOVED	1430	PINE 12	REMAIN	20386	POP 6	REMAIN
PINE 16	TO BE REMOVED	1431	PINE 12	REMAIN	20389	OAK 20	REMAIN
OAK 12	TO BE REMOVED	1432	PINE 16	REMAIN	20394	OAK 19	REMAIN
OAK 6	TO BE REMOVED	1433	POP 8	REMAIN	20395	OAK 14	REMAIN
POP 6	TO BE REMOVED	1434	POP 6	REMAIN	20396	OAK 10	REMAIN
POP 12	TO BE REMOVED	1435	POP 8	REMAIN	20397	SAP 14	REMAIN
POP 10 PINE 16	TO BE REMOVED TO BE REMOVED	1436 1437	POP 17 POP 8	REMAIN REMAIN	20398 20399	OAK 17 MAP 10	REMAIN REMAIN
PINE 10 PINE 12	TO BE REMOVED	1437	POP 8	REMAIN	20399	OAK 18	REMAIN
OAK 8	TO BE REMOVED	1439	SWEETG 6	REMAIN	20400	POP 21	REMAIN
OAK 12	TO BE REMOVED	1440	OAK 6	REMAIN	20402	GUM 14	REMAIN
PINE 6	TO BE REMOVED	1442	POP 22	REMAIN	20403	POP 6	REMAIN
PINE 23	TO BE REMOVED	1443	POP 20	REMAIN	20404	MAPLE 6	REMAIN
PINE 20	TO BE REMOVED	1444	SWEETG 12	REMAIN	20405	MAPLE 7	REMAIN
OAK 14	TO BE REMOVED	1445	SWEETG 13	REMAIN	20406	POP 12	REMAIN
PINE 23	TO BE REMOVED	1446	OAK 8	REMAIN	20407	MAPLE 12	REMAIN
SWEETG 10	TO BE REMOVED	1447	POP 10	REMAIN	20408	POP 24	REMAIN
POP 10	TO BE REMOVED	1449	OAK 8	REMAIN	20409	POP 12	REMAIN
POP 6	TO BE REMOVED	1450	SWEETG 12	REMAIN	20410	MAPLE 14	REMAIN
PINE 8	TO BE REMOVED	1451	PINE 13	REMAIN	20411	POP 14	REMAIN
PINE 12	TO BE REMOVED	1452	POP 8	REMAIN	20412	BIRCH 10	REMAIN
SWEETG 10	TO BE REMOVED	1453	POP 6	REMAIN	20413	WALNUT 10	REMAIN
PINE 10	TO BE REMOVED	1454	POP 19	REMAIN	20414	WALNUT 8	REMAIN
OAK 8	TO BE REMOVED	1457	PINE 10	REMAIN	20415	OAK 12	REMAIN
PINE 12	TO BE REMOVED	1458	POP 6	REMAIN	20416	BIRCH 8	REMAIN
PINE 6	TO BE REMOVED	1459	PINE 13	REMAIN	20417	POP 24	REMAIN
PINE 10	TO BE REMOVED	1460	SWEETG 9		20418	WALNUT 8	REMAIN
SWEETG 6	TO BE REMOVED	1501	MAPLE 10	TO BE REMOVED	20419	POP 10	REMAIN
PINE 19 SWEETG 8	TO BE REMOVED TO BE REMOVED	1601 1602	PINE 8 POP 6	TO BE REMOVED TO BE REMOVED	20420 20421	OAK 10 OAK 12	REMAIN REMAIN
PINE 14	TO BE REMOVED	1602	POP 8 PINE 12	TO BE REMOVED	20421 20422	MAPLE 20	REMAIN
PINE 6	TO BE REMOVED	1604	PINE 12 PINE 18	TO BE REMOVED	20422	MAPLE 20 MAPLE 10	REMAIN
POP 6	TO BE REMOVED	1605	PINE 8	TO BE REMOVED	20423	POP 22	REMAIN
PINE 7	TO BE REMOVED	1606	POP 6	TO BE REMOVED	20425	PINE 12	REMAIN
PINE 8	TO BE REMOVED	1608	POP 12	TO BE REMOVED	20426	PINE 10	REMAIN
PINE 12	TO BE REMOVED	1609	POP 8	TO BE REMOVED	20427	PINE 12	REMAIN
PINE 6	TO BE REMOVED	1610	POP 8	TO BE REMOVED	20428	PINE 15	REMAIN
PINE 15	REMAIN	1611	PINE 10	TO BE REMOVED	20429	PINE 10	REMAIN
SWEETG 8	REMAIN	1612	PINE 18	TO BE REMOVED	20430	PINE 17	REMAIN
PINE 14	REMAIN	20339	POP 6	REMAIN	20431	PINE 8	REMAIN
PINE 10	REMAIN	20340	SAS 10	REMAIN	20432	PINE 12	REMAIN
PINE 14	REMAIN	20341	POP 10	REMAIN	20433	OAK 8	REMAIN
PINE 12	REMAIN	20345	OAK 25	REMAIN	20434	PINE 13	REMAIN
PINE 15	REMAIN	20346	OAK 28	REMAIN	20435	OAK 7	REMAIN
PINE 6	REMAIN	20348	OAK 36	REMAIN	20436	PINE 15	REMAIN
SWEETG 12		20349	OAK 10	REMAIN	20437	OAK 6	REMAIN
OAK 6	REMAIN	20350	OAK 10	REMAIN	20438	OAK 6	REMAIN
PINE 10	REMAIN	20352	OAK 15	REMAIN	20439	OAK 8	REMAIN
PINE 10	REMAIN	20354	POP 15	REMAIN	20440	POP 18	REMAIN
PINE 10	REMAIN	20355	GUM 14	REMAIN	20441	POP 6	REMAIN
PINE 10	REMAIN	20358	HICK 18	REMAIN	20442	PINE 15	REMAIN
PINE 15	REMAIN	20359	OAK 10	REMAIN	20443	PINE 10	REMAIN
SWEETG 6	REMAIN TO BE REMOVED	20360	GUM 7	REMAIN	20444	PINE 10 POP 14	REMAIN
OAK 10 POP 10	TO BE REMOVED	20361 20362	GUM 7 OAK 9	REMAIN REMAIN	20445 20446	POP 14 POP 6	REMAIN REMAIN
POP 10 POP 16	TO BE REMOVED	20362	PINE 15	REMAIN	20448	POP 8 POP 10	REMAIN
PINE 22	TO BE REMOVED	20365	GUM 6	REMAIN	20447	PINE 6	REMAIN
PINE 18	TO BE REMOVED	20367	SAS 15	REMAIN	20449	PINE 7	REMAIN
PINE 22	TO BE REMOVED	20368	GUM 6	REMAIN	20450	PINE 8	REMAIN
OAK 10	TO BE REMOVED	20369	OAK 12	REMAIN	20451	OAK 6	REMAIN
OAK 12	TO BE REMOVED	20370	OAK 15	REMAIN	20452	OAK 6	REMAIN
PINE 22	TO BE REMOVED	20371	POP 19	REMAIN	20453	PINE 10	REMAIN
OAK 24	TO BE REMOVED	20372	POP 7	REMAIN	20454	PINE 10	REMAIN
OAK 26	TO BE REMOVED	20373	OAK 22	REMAIN	20455	OAK 10	REMAIN
OAK 10	TO BE REMOVED	20374	POP 10	REMAIN			



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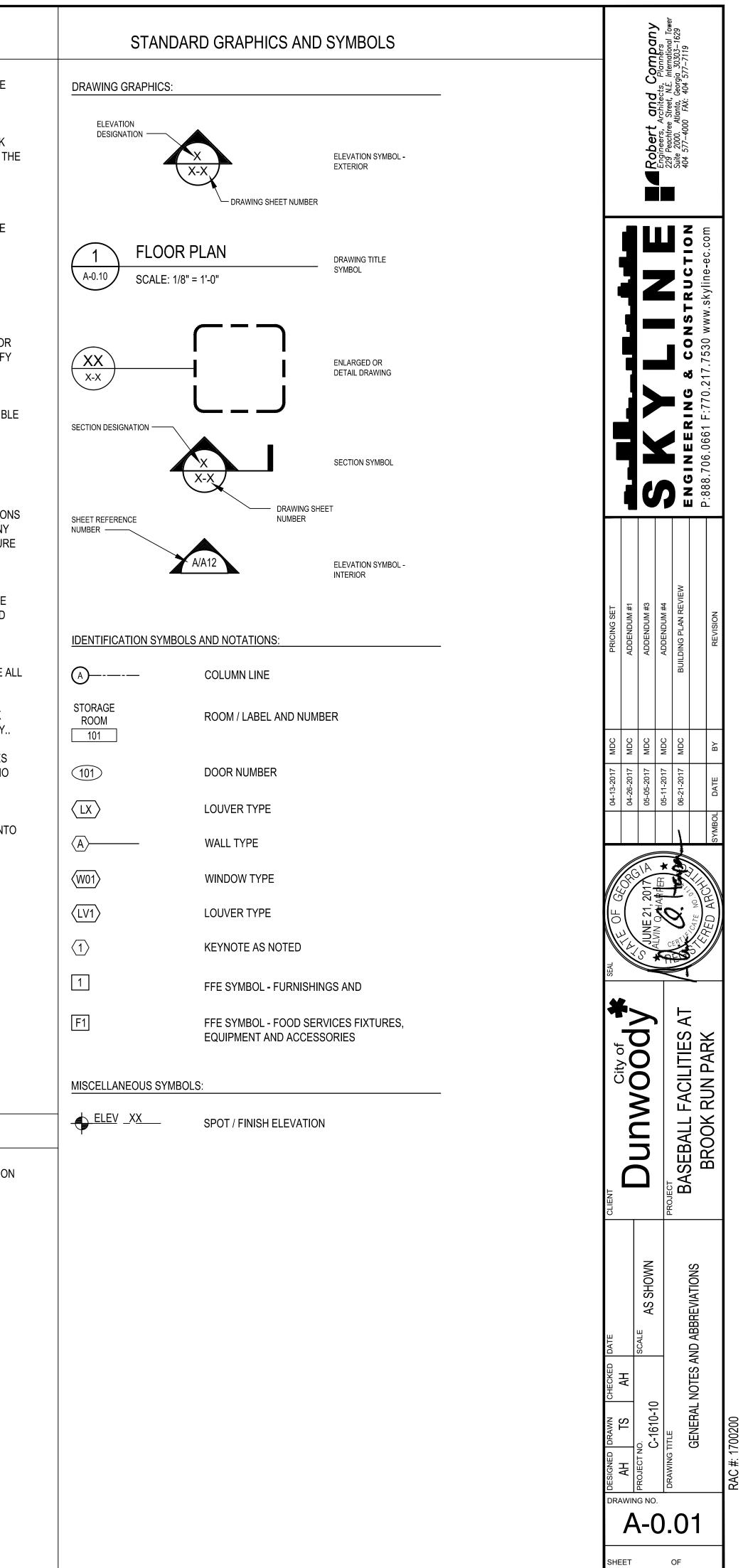
Tree ID #	Species, DBH	Status	Tree ID #	Species, DBH	Status	Tree ID #	Species, DBH	Status	Tree ID #	Species, DBH	Status
103	OAK 10	TO BE REMOVED	179	OAK 8	TO BE REMOVED	20051	OAK 6	TO BE REMOVED	20253	OAK 6	TO BE REMOVED
104	PINE 10	TO BE REMOVED	180	OAK 6	TO BE REMOVED	20052	OAK 8	TO BE REMOVED	20254	POP 8	TO BE REMOVED
105	OAK 6	TO BE REMOVED	181	OAK 8	TO BE REMOVED	20053	PINE 6	TO BE REMOVED	20255	OAK 8	TO BE REMOVED
106	OAK 10	TO BE REMOVED	182	OAK 7	TO BE REMOVED	20054	OAK 10	TO BE REMOVED	20256	OAK 8	TO BE REMOVED
107	PINE 8	TO BE REMOVED	183	PINE 7	TO BE REMOVED	20055	OAK 6	TO BE REMOVED	20257	PINE 8	TO BE REMOVED
108	POP 8	TO BE REMOVED	184	OAK 7	TO BE REMOVED	20056	OAK 6	TO BE REMOVED	20258	PINE 8	TO BE REMOVED
109	OAK 8	TO BE REMOVED	185	OAK 10	TO BE REMOVED	20057	OAK 10	TO BE REMOVED	20259	PINE 6	TO BE REMOVED
110	OAK 10	TO BE REMOVED	186	OAK 10	TO BE REMOVED	20058	OAK 6	TO BE REMOVED	20260	PINE 6	TO BE REMOVED
111	PINE 10	TO BE REMOVED	187	OAK 8	TO BE REMOVED	20059	POP 6	TO BE REMOVED	20261	OAK 7	TO BE REMOVED
112	PINE 8	TO BE REMOVED	188	OAK 10	TO BE REMOVED	20060	OAK 6	TO BE REMOVED	20262	OAK 7	TO BE REMOVED
113	OAK 8	TO BE REMOVED	189	PINE 8	TO BE REMOVED	20061	OAK 6	TO BE REMOVED	20263	PINE 6	TO BE REMOVED
114	OAK 10	TO BE REMOVED	190	PINE 8	TO BE REMOVED	20062	OAK 6	TO BE REMOVED	20264	PINE 8	TO BE REMOVED
115	OAK 6	TO BE REMOVED	191	OAK 7	TO BE REMOVED	20189	OAK 6	TO BE REMOVED	20265	OAK 6	TO BE REMOVED
116	OAK 6	TO BE REMOVED	192	POP 6	TO BE REMOVED	20190	PINE 8	TO BE REMOVED	20266	PINE 6	TO BE REMOVED
117	POP 10	TO BE REMOVED	193	OAK 7	TO BE REMOVED	20191	PINE 6	TO BE REMOVED	20267	PINE 8	TO BE REMOVED
118	OAK 10	TO BE REMOVED	194	OAK 8	TO BE REMOVED	20192	PINE 10	TO BE REMOVED	20268	OAK 6	TO BE REMOVED
119	OAK 10	TO BE REMOVED	195	OAK 8	TO BE REMOVED	20193	PINE 8	TO BE REMOVED	20269	OAK 8	TO BE REMOVED
120	OAK 8	TO BE REMOVED	196	OAK 8	TO BE REMOVED	20194	PINE 8	TO BE REMOVED	20270	OAK 6	TO BE REMOVED
121	OAK 6	TO BE REMOVED	197	OAK 6	TO BE REMOVED	20195	OAK 8	TO BE REMOVED	20271	OAK 8	TO BE REMOVED
122	OAK 10	TO BE REMOVED	198	OAK 6	TO BE REMOVED	20196	PINE 8	TO BE REMOVED	20272	OAK 8	TO BE REMOVED
123	OAK 10	TO BE REMOVED	199	POP 8	TO BE REMOVED	20197	OAK 8	TO BE REMOVED	20273	OAK 8	TO BE REMOVED
124	OAK 10	TO BE REMOVED	200	OAK 6	TO BE REMOVED	20198	OAK 8	TO BE REMOVED	20274	OAK 8	TO BE REMOVED
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127	POP 6	TO BE REMOVED	203	OAK 8	TO BE REMOVED	20201	OAK 8	TO BE REMOVED	20277	PINE 8	TO BE REMOVED
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129	OAK 8	TO BE REMOVED	205	OAK 6	TO BE REMOVED	20203	OAK 6	TO BE REMOVED	20279	PINE 8	TO BE REMOVED
130	POP 6	TO BE REMOVED	206	PINE 8	TO BE REMOVED	20204	OAK 6	TO BE REMOVED	20280	PINE 6	TO BE REMOVED
131	OAK 6	TO BE REMOVED	207	PINE 8	TO BE REMOVED	20206	PINE 8	TO BE REMOVED	20281	PINE 8	TO BE REMOVED
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135	POP 10	TO BE REMOVED	20003	OAK 8	TO BE REMOVED	20210	OAK 6	TO BE REMOVED	20285	PINE 8	TO BE REMOVED
136	POP 6	TO BE REMOVED	20004	OAK 8	TO BE REMOVED	20211	PINE 6	TO BE REMOVED	20286	OAK 8	TO BE REMOVED
137	POP 6	TO BE REMOVED	20005	OAK 6	TO BE REMOVED	20212	PINE 8	TO BE REMOVED	20287	OAK 6	TO BE REMOVED
138	OAK 6	TO BE REMOVED	20006	OAK 6	TO BE REMOVED	20213	OAK 10	TO BE REMOVED	20288	PINE 8	TO BE REMOVED
139	POP 6	TO BE REMOVED	20007	OAK 6	TO BE REMOVED	20214	OAK 6	TO BE REMOVED	20289	OAK 8	TO BE REMOVED
140	OAK 10	TO BE REMOVED	20008	OAK 8	TO BE REMOVED	20215	PINE 10	TO BE REMOVED	20290	OAK 8	TO BE REMOVED
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144	OAK 8	TO BE REMOVED	20012	OAK 10	TO BE REMOVED	20219	PINE 6	TO BE REMOVED	20294	OAK 6	TO BE REMOVED
145	OAK 6	TO BE REMOVED	20013	OAK 6	TO BE REMOVED	20220	PINE 8	TO BE REMOVED	20295	OAK 8	TO BE REMOVED
146	OAK 8	TO BE REMOVED	20014	PINE 10	TO BE REMOVED	20221	OAK 8	TO BE REMOVED	20296	PINE 6	TO BE REMOVED
147	OAK 6	TO BE REMOVED	20015	PINE 10	TO BE REMOVED	20222	OAK 8	TO BE REMOVED	20297	PINE 8	TO BE REMOVED
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152	OAK 8	TO BE REMOVED	20020	PINE 10	TO BE REMOVED	20227	OAK 8	TO BE REMOVED	20302	POP 6	TO BE REMOVED
153	POP 6	TO BE REMOVED	20021	PINE 10	TO BE REMOVED	20228	POP 6	TO BE REMOVED	20303	OAK 6	TO BE REMOVED
154	PINE 10	TO BE REMOVED	20022	PINE 6	TO BE REMOVED	20229	PINE 8	TO BE REMOVED	20304	OAK 8	TO BE REMOVED
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161	OAK 6	TO BE REMOVED	20030	PINE 6	TO BE REMOVED	20235	OAK 8	TO BE REMOVED	20310	OAK 8	TO BE REMOVED
162	OAK 10	TO BE REMOVED	20031	PINE 8	TO BE REMOVED	20236	OAK 8	TO BE REMOVED	20311	OAK 6	TO BE REMOVED
163	OAK 6	TO BE REMOVED	20032	OAK 10	TO BE REMOVED	20237	OAK 8	TO BE REMOVED	20312	PINE 8	TO BE REMOVED
164	OAK 6	TO BE REMOVED	20034	PINE 8	TO BE REMOVED	20238	OAK 8	TO BE REMOVED	20313	PINE 8	TO BE REMOVED
165	OAK 7	TO BE REMOVED	20035	PINE 6	TO BE REMOVED	20239	OAK 6	TO BE REMOVED	20313	PINE 6	TO BE REMOVED
166	POP 6	TO BE REMOVED	20036	PINE 6	TO BE REMOVED	20240	PINE 8	TO BE REMOVED	20315	PINE 8	TO BE REMOVED
167	POP 6	TO BE REMOVED	20037	PINE 6	TO BE REMOVED	20241	PINE 8	TO BE REMOVED	20316	OAK 8	TO BE REMOVED
168	POP 6	TO BE REMOVED	20038	PINE 8	TO BE REMOVED	20241	OAK 8	TO BE REMOVED	20310	OAK 6	TO BE REMOVED
169	OAK 10	TO BE REMOVED	20039	PINE 6	TO BE REMOVED	20243	OAK 8	TO BE REMOVED	20318	PINE 8	TO BE REMOVED
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170	OAK 6	TO BE REMOVED	20040	PINE 10	TO BE REMOVED	20244	PINE 8	TO BE REMOVED	20315	PINE 6	TO BE REMOVED
171	OAK 10	TO BE REMOVED	20041	OAK 10	TO BE REMOVED	20245	PINE 8	TO BE REMOVED	20320	OAK 6	TO BE REMOVED
172	OAK 10 OAK 10	TO BE REMOVED	20042	OAK 10 OAK 8	TO BE REMOVED	20248	OAK 8	TO BE REMOVED	20321	OAK 8	TO BE REMOVED
	OAK 10 OAK 10	TO BE REMOVED	20043	POP 6	TO BE REMOVED	20247	OAK 8	TO BE REMOVED	20322	OAK 8 OAK 6	TO BE REMOVED
174 175											
175 176	OAK 10	TO BE REMOVED	20045	OAK 6	TO BE REMOVED	20249	OAK 8	TO BE REMOVED	20324	OAK 8	TO BE REMOVED
176 177	OAK 6	TO BE REMOVED	20048	OAK 10	TO BE REMOVED	20250	OAK 6	TO BE REMOVED	20325	OAK 8	TO BE REMOVED
177	OAK 10	TO BE REMOVED	20049	OAK 8	TO BE REMOVED	20251	OAK 6	TO BE REMOVED	20326	OAK 6	TO BE REMOVED
178	OAK 10	TO BE REMOVED	20050	OAK 10	TO BE REMOVED	20252	OAK 8	TO BE REMOVED	20327	OAK 6	TO BE REMOVED

S		PROJECT#	COPYRIGHT @ 2017 BY LOWE		REVISIONS
HEI	IREE SURVEY	17_0063	ENGINEERS,LLC. ALL RIGHTS DERESERVED. THIS DOCUMENT IS ALL PROPORTED TO A CONTENT OF A CONTENT O	IREE SURVEY PREPARED FOR:	NO. DATE
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D f			PROJECTS OR EXTENSIONS TO THIS PROJECT, IN WHOLE OR OD	ULY UL DULIWOUDY	3
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2		CHECKED BY:	ENGINEERS, LLC. THIS REDIA SHOULD NOT BE CONSIDERED A	PEACHIREE CHARIER MIDULE SCHOOL	ũ
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	CINCILINE LINU OF FAX: 770-857-8401		SEALED.	LAND LOT 354 18TH DISTRICT, CITY OF DUNWOODY, DEKALB COUNTY, GEORGIA	



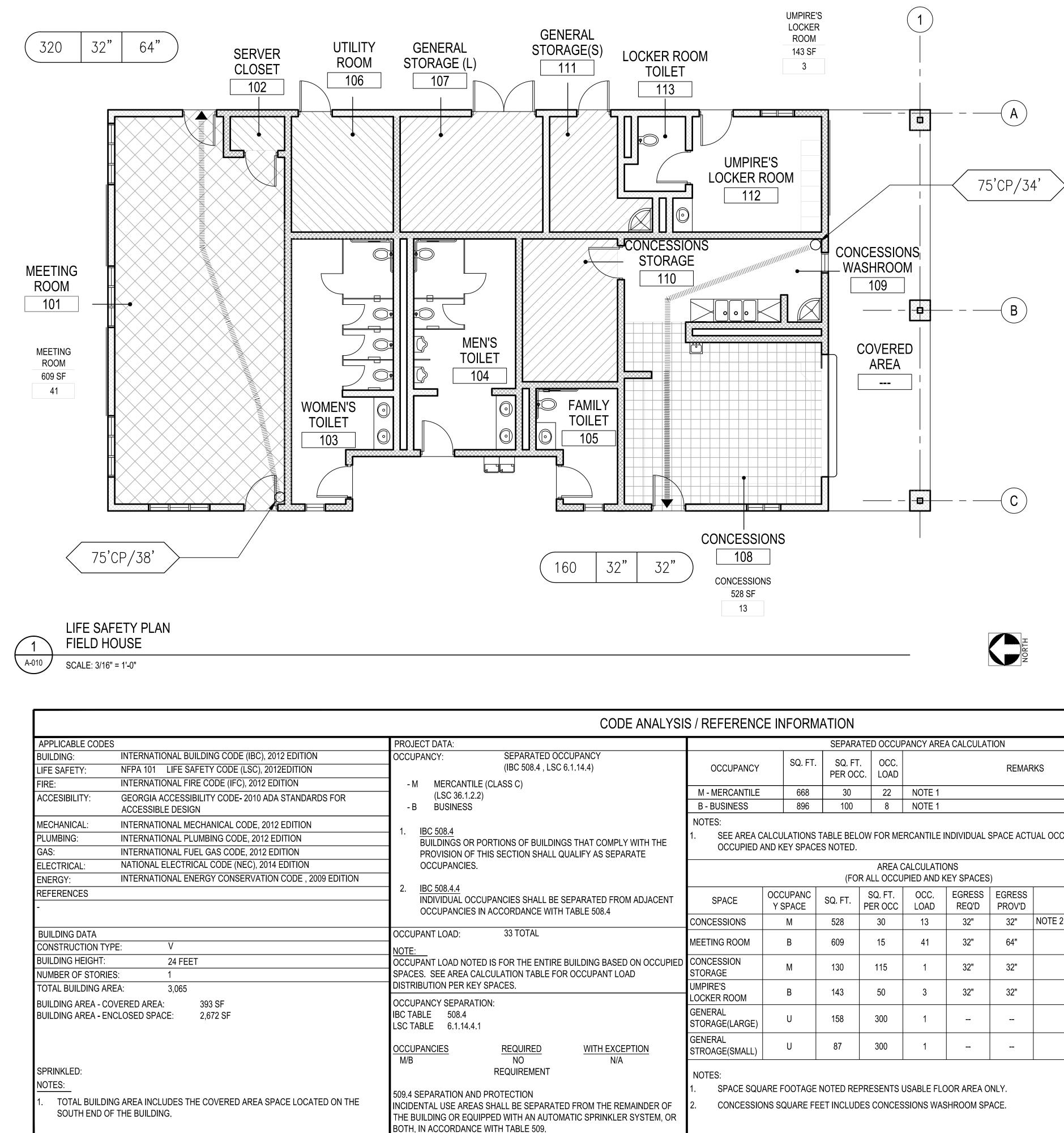
ABBREVIATIONS	IS	GENERAL NOTES
	-MS- CONTINUED	1. ALL WORK DESCRIBED IN THE DOCUMENTS SHALL BE PERFORMED IN ACCORDANCE WITH THE DRAWINGS AND SPECIFICATIONS AND CONSTRUCTED IN COMPLIANCE WITH THE CURRENT EDITION OF ALL ADDITIONS FOR ECODES
AB ANCHOR BOLT ENT ENTANCE ENTANCE AC ARCONDITIONING EPDM ELASTOMETRIC ROFING M ACT SUSPENDE AQUISTICAL EPX EPVM ELASTOMETRIC ROFING M AD AREA DRAIN GRACESS EQUIP EQUIPMENT M ADL ADDINAL ETC ETCETERA M AFG ASOVE FINISHED FLOOR EW ELASTOMETRIC RUTER CODLER M AFG ASOVE FINISHED FLOOR EW ELASTOMETRIC RUTER CODLER M AFG ASOVE FINISHED GAUGE EWH ELASTOMETRIC RUTER CODLER M AFG ASOVE FINISHED GAUGE EWH ELASTOMETRIC RUTER CODLER M AFG ASOVE FINISHED GAUGE EWH ELASTOMETRIC RUTER CODLER M AND ANDITAL EVH EXIST EXIST EXIST AND ACCESS PAREL EVP EXPORED M APRAR APRATUS EVF EXIST EXIST EXIST APROXIMATELY EXIST EXIST EXIST EXIST APROXIMATELY EXIST EXIST EXIST EXIST APROXIMATELY EXIST EXIST EXIST APROXIMATING UNIT F	MAINT MAINTENANCE SQ SQUARE MATL MATERIAL SS SERVICE SINK MAX MAXIMUM SST STAINLESS STEEL MECH MECHANICAL STD STANDARD MFR MANUFACTURER STL STEEL MH MANHOLE STOR STORAGE MIN MINIMUM STRUC STRUCTURAL MISC MISCELLANEOUS SUSP SUSPENDED MO MASONRY OPENING MOIN MONUMENT -T- MOS MOSAIC MR MIRROR T/ TOP MS MOP SINK TC TOP OF CURB MTD MOUNTED TEL TELEPHONE MTD MOUNTED TEL TELEPHONE MTL METAL TEMP TEMPERATURE MTL METAL TEMP TEMPERATURE MATL THRESHOLD NORTH TOP OF CONCRETE N NORTH TOLET NA N	
-J- D DEPTH R DBL DOUBLE JAN JANITOR R DEMO DEMOLISH / DEMOLITION JT JOINT R DF DRINKING FOUNTAIN R DI DI DRAIN INLET R DIA DIAMETER -K- R	RECRECESSEDRECTRECTANGULARREFREFERENCEREINFREINFORCEDREQDREQUIREDREVREVISION, REVISEDRGHROUGHRHRIGHT HAND	
DIR DIRECTION KP KICKPLATE DISP DISPENSER KS KITCHEN SINK R	RIF RUBBER INTERLOCKING FLOOR TILES RLG RAILING	PROJECT NOTES
DN DOWN DW DRINKING WATER DWG DRAWING -L- R -EE- EAST E EAST EACH EACH EACH EF EACH FACE OR EXHAUST FAN EF EACH EACH EACH EACH EACH EACH EACH EACH	RM ROOM RO ROUGH OPENING RT RIGHT RVS REVERSE -S- S SOUTH SC SEALED CONCRETE SCHED SCHEDULE SECT SECTION S.F. SQUARE FOOT (FEET) SHT SHEET	 FOR NOTATIONS OF BUILDING ELEMENTS ELEVATIONS (FLOOR, FRAMING, ETC), A 00" ELEVATION IS PROVIDED AS A REFERENCE DATUM. SEE CIVIL DRAWINGS FOR CONCRETE SLAB FNISH ELEVATION.
EL ELEVATION S ELEC ELECTRIC(AL) S ENCL ENCLOSURE S ENGR ENGINEER S	SIN SHEET SIM SIMILAR SJ SAW-CUT JOINT SK SINK SPEC SPECIFICATIONS SPL SPECIAL	
VIATIONS LISTED ARE STANDARD ABBREVIATIONS. ALL ABBREVIATIONS LISTED MAY NOT APPEAR THROUGHOUT THE	HE DRAWINGS.	

<u>NOTE:</u> ABBREVIAT



RAC #:

SHEET



	5 / REFERENC		IATION						
			SEPARA	TED OCCU	PANCY ARE	A CALCULA	ΓΙΟΝ		
OCCUPANCY LSC 6.1.14.4)	OCCUPANCY	SQ. FT.	SQ. FT. PER OC				REMAR	RKS	- MAXIMUM TRAVEL I
	M - MERCANTILE	668	30	22	NOTE 1				 - MINIMUM CORRIDO - MINIMUM EXIT DOO
	B - BUSINESS	896	100	8	NOTE 1				- COMMON PATH OF
DINGS THAT COMPLY WITH THE LL QUALIFY AS SEPARATE		ALCULATIONS ND KEY SPAC		ow for Me	RCANTILE		SPACE ACT	UAL OCCUPANT LOAD PER	
			(FOF		CALCULATIO	ONS KEY SPACES	i)		
BE SEPARATED FROM ADJACENT VITH TABLE 508.4	SPACE	OCCUPANC Y SPACE	SQ. FT.	SQ. FT. PER OCC	OCC. LOAD	EGRESS REQ'D	EGRESS PROV'D	REMARKS	
	CONCESSIONS	М	528	30	13	32"	32"	NOTE 2	_
	MEETING ROOM	В	609	15	41	32"	64"		
IRE BUILDING BASED ON OCCUPIED FOR OCCUPANT LOAD	CONCESSION STORAGE	М	130	115	1	32"	32"		- FIRE PR
	UMPIRE'S LOCKER ROOM	В	143	50	3	32"	32"		AUTOMATIC SPRINKL
	GENERAL STORAGE(LARGE)	U	158	300	1				FIRE ALARM SYSTEM
WITH EXCEPTION	GENERAL STROAGE(SMALL)	U	87	300	1				
N/A F RATED FROM THE REMAINDER OF TOMATIC SPRINKLER SYSTEM, OR		ARE FOOTAGE NS SQUARE FI	-						

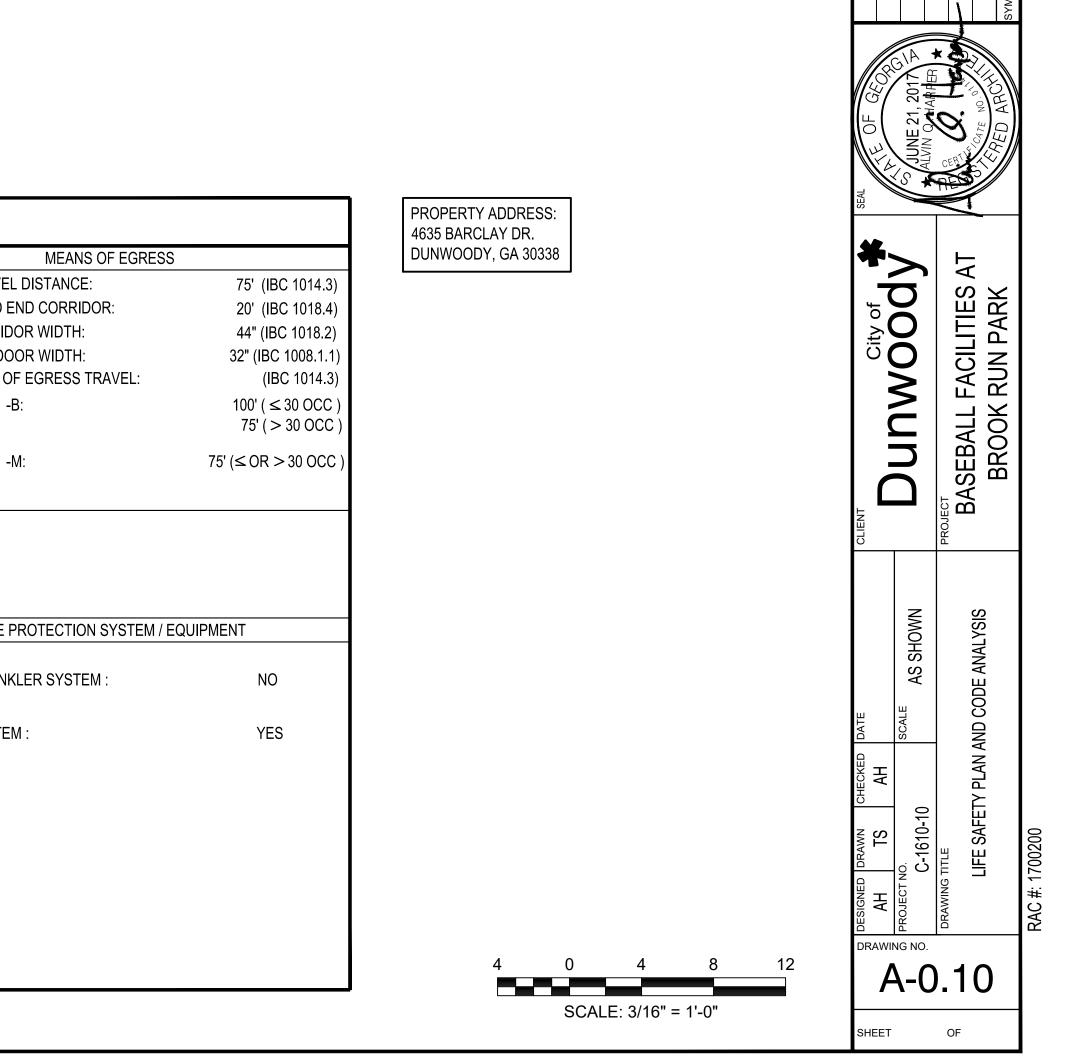
LIFE SAFETY P	LAN LEGEND
BUSINESS	
MERCANTILE	
STORAGE	
MECHANICAL/ELECTRIC	AL/TELECOM
TRAVEL D	ISTANCE
XXX SPACE NAME 123 SF SPACE AREA XX	
DISTANCE OF	COMMON PATH OF TRAVEL
185 32" 36" WI	X. PERSON EXIT DTH REQUIRED DTH PROVIDED

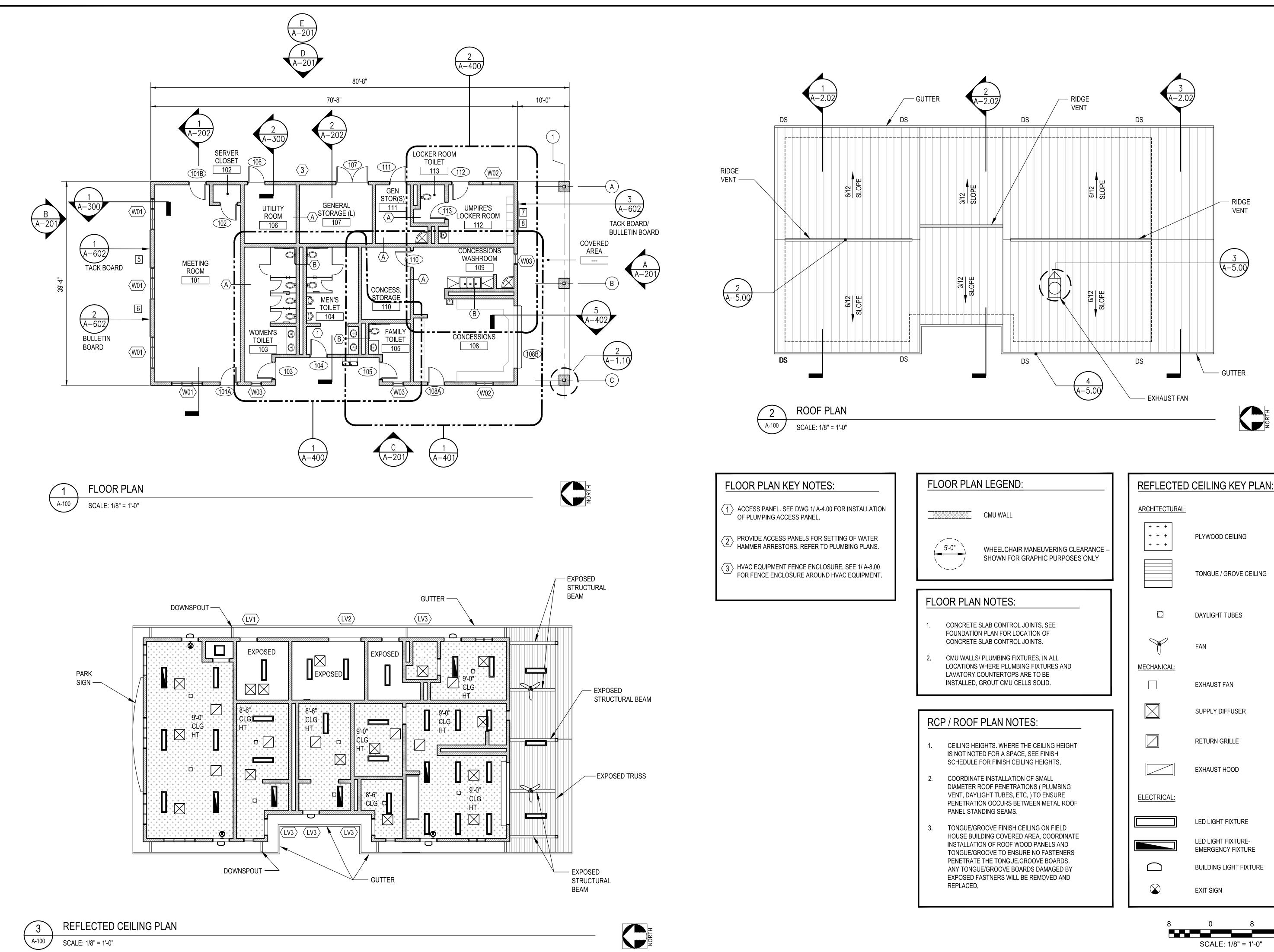
Robert and Company Engineers, Architects, Planners 229 Peachtree Street, N.E. International Tower Suite 2000. Atlanta, Georgia 30303–1629 404 577–4000 FAX: 404 577–7119

ADDENDU

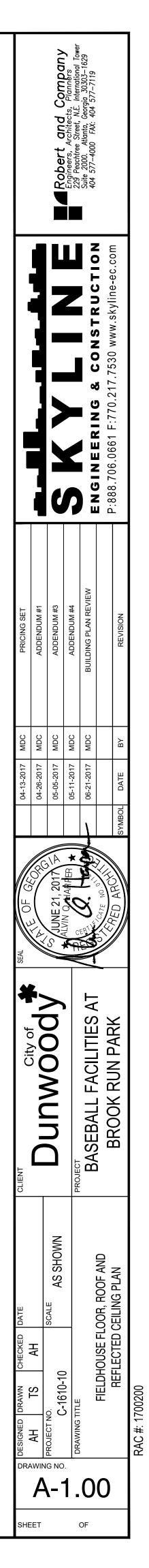
MDC MDC MDC

04-13-04-26-05-05-05-11-06-21-

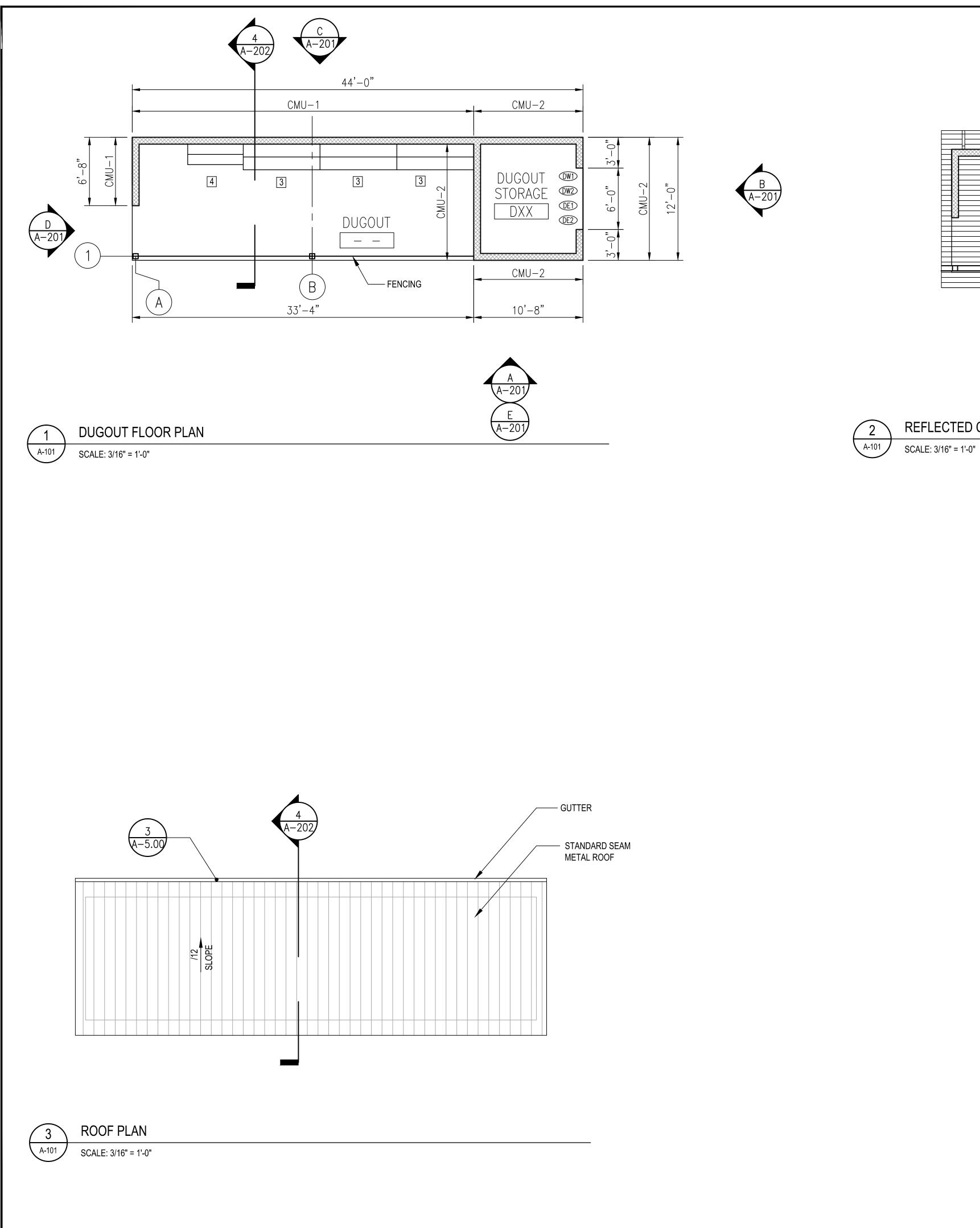


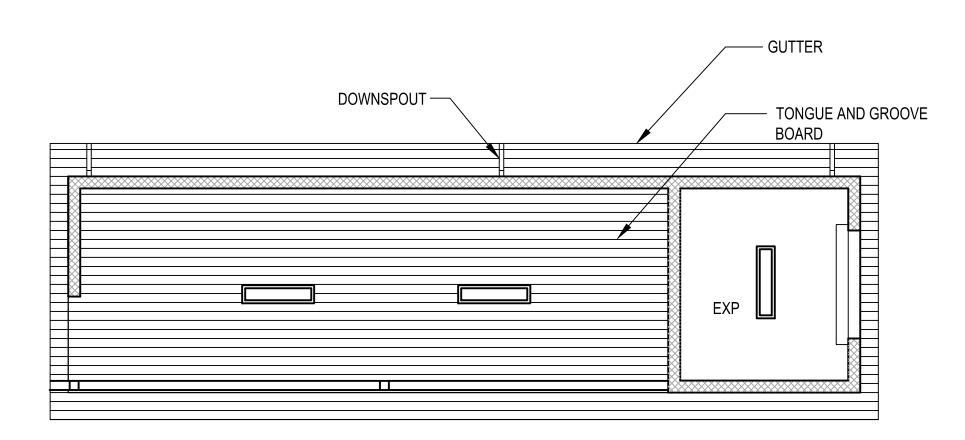


TONGUE / GROVE CEILING BUILDING LIGHT FIXTURE



16 SCALE: 1/8" = 1'-0"





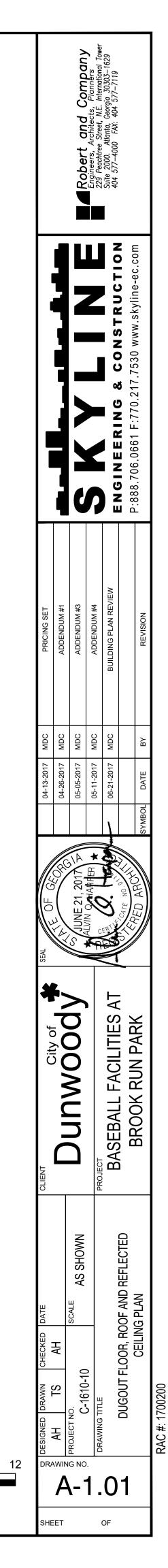
REFLECTED CEILING PLAN

FINISH NOTES:

- 1. DUGOUT SPACE FLOOR. DUGOUT FLOOR SHALL BE CONCRETE, INSTALL CONCRETE SEALER.
- 2. DUGOUT SPACE CEILING. INSTALL TONGUE AND GROOVE BOARDS.
- 3. SEE FINISH SCHEDULE FOR DUGOUT STORAGE FINISHES.

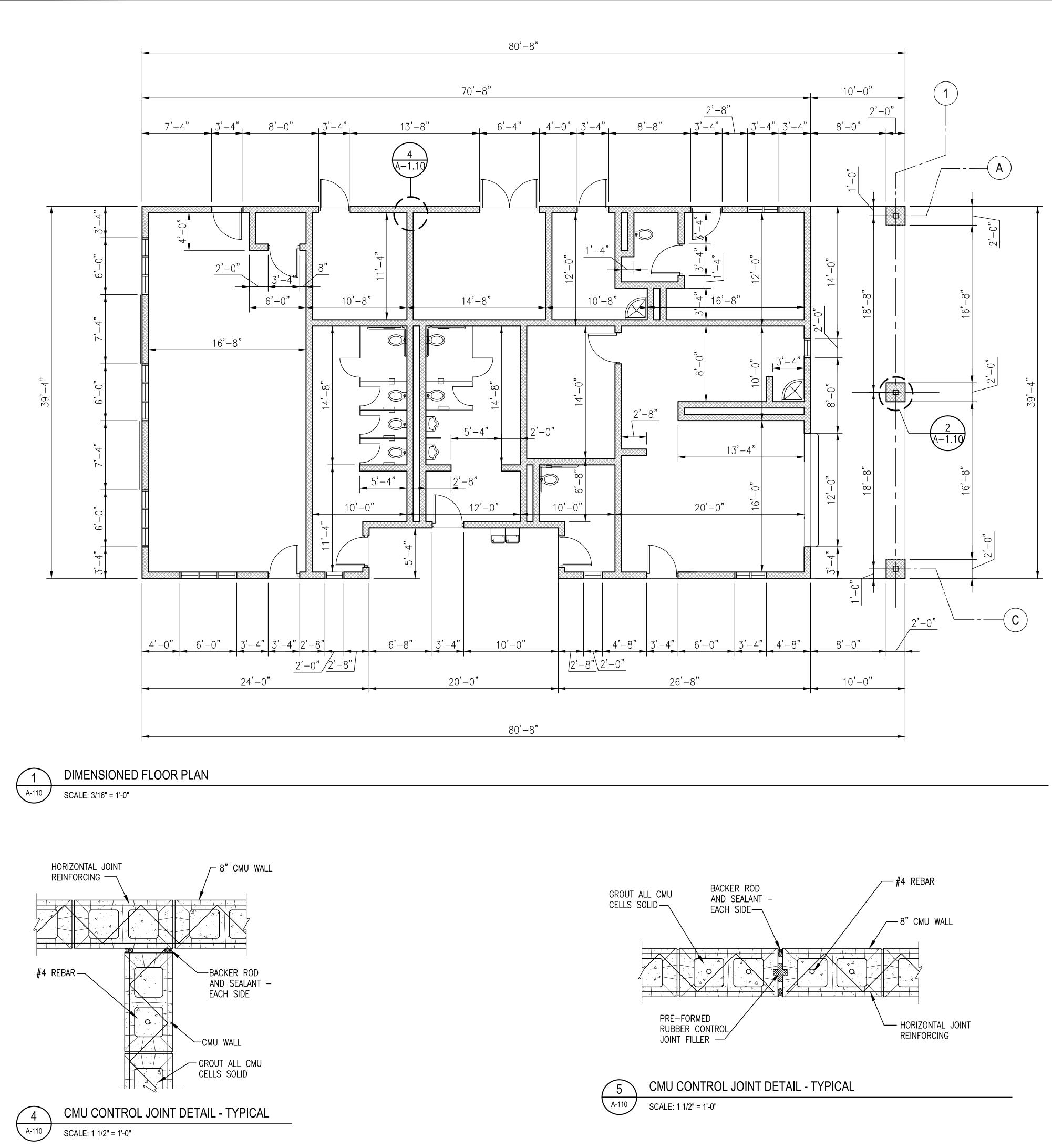
FLOOR	PLAN	NOTES:

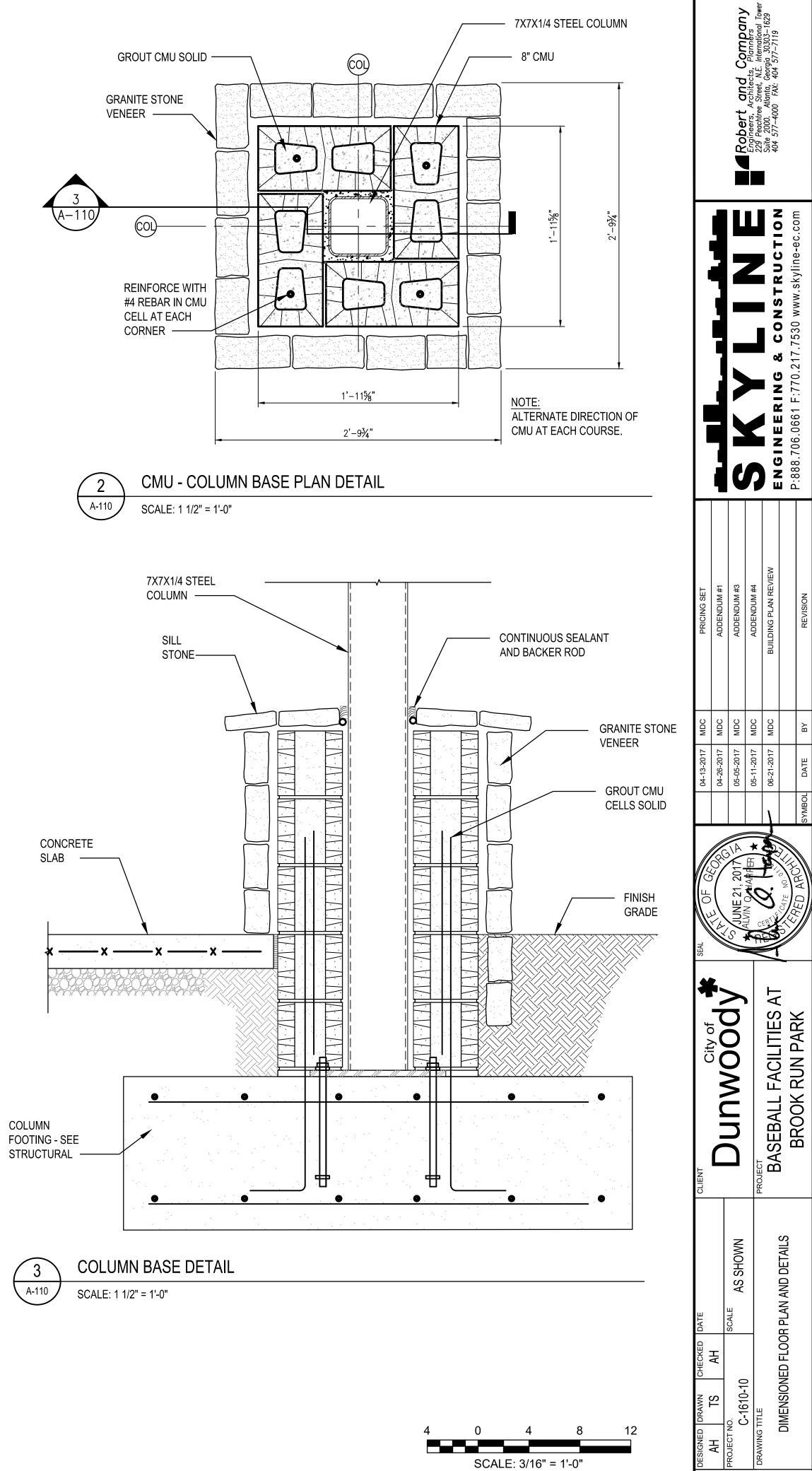
- DUGOUT FLOOR PLAN IS 1. TYPICAL OF FOUR (4). ORIENTATION OF DUGOUT SHALL BE DETERMINED BASED ON THE FIELD AND BASELINE IT IS LOCATED ON. THE DUGOUT STORAGE SPACE SHALL BE TOWARDS THE OUTFIELD SIDE OF THE FIELD.
- CMU-1, CMU-2. CMU-1 AND 2. CMU-2 ARE ARCHITECTURAL (DECORATIVE) CMU'S. SEE TECHNICAL SPECIFICATION SECTION. CMU-1 AND CMU-2 ARE AS NOTED IN THE SPECIFICATION SECTION OR AS SELECTED BY THE ARCHITECT / AND / OR OWNER FROM MANUFACTURER'S STANDARD.
- 3. CONCRETE SLAB CONTROL JOINTS. SEE FOUNDATION PLAN FOR LOCATION OF CONCRETE SLAB CONTROL JOINTS.

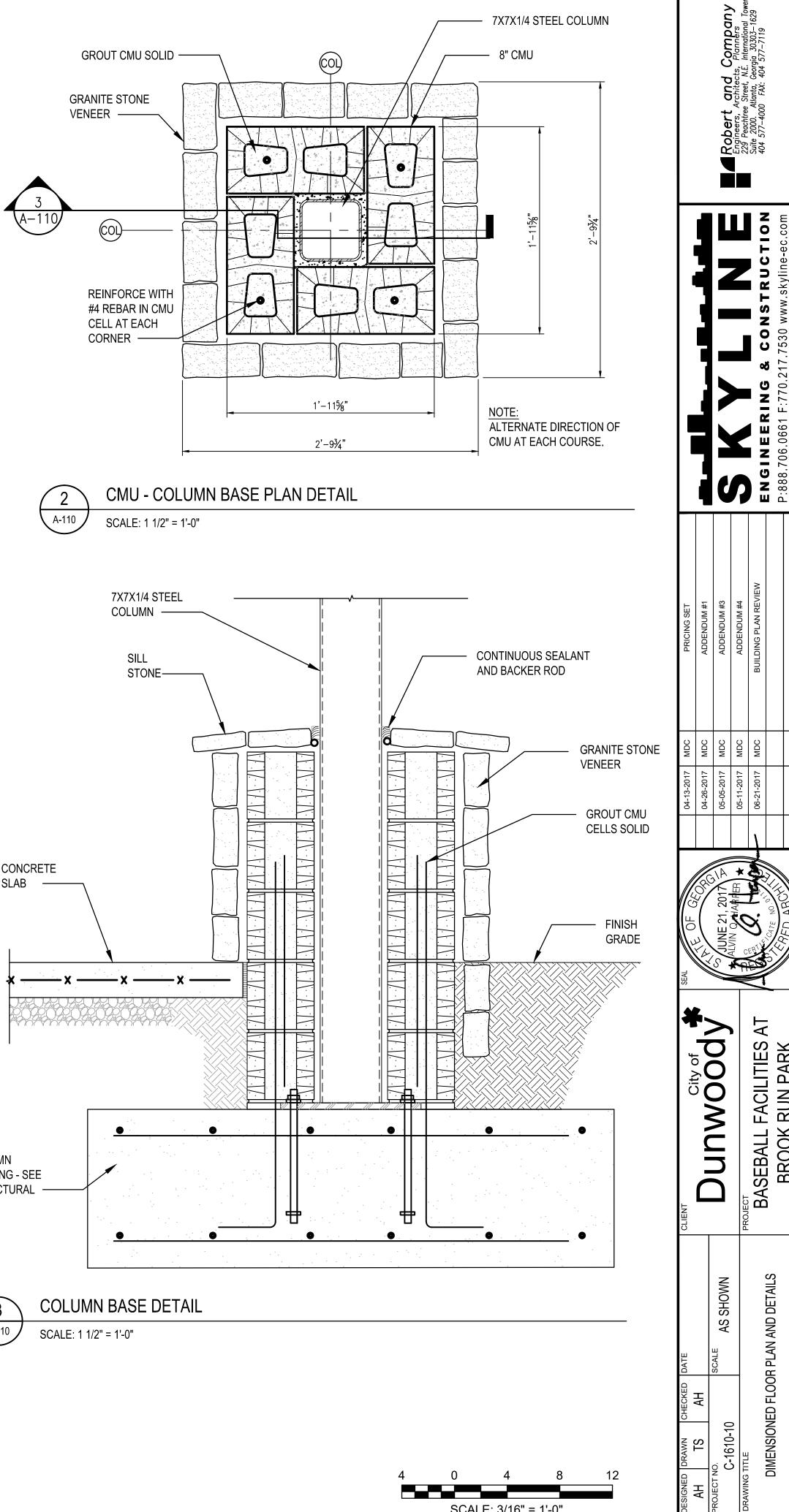


4

SCALE: 3/16" = 1'-0"









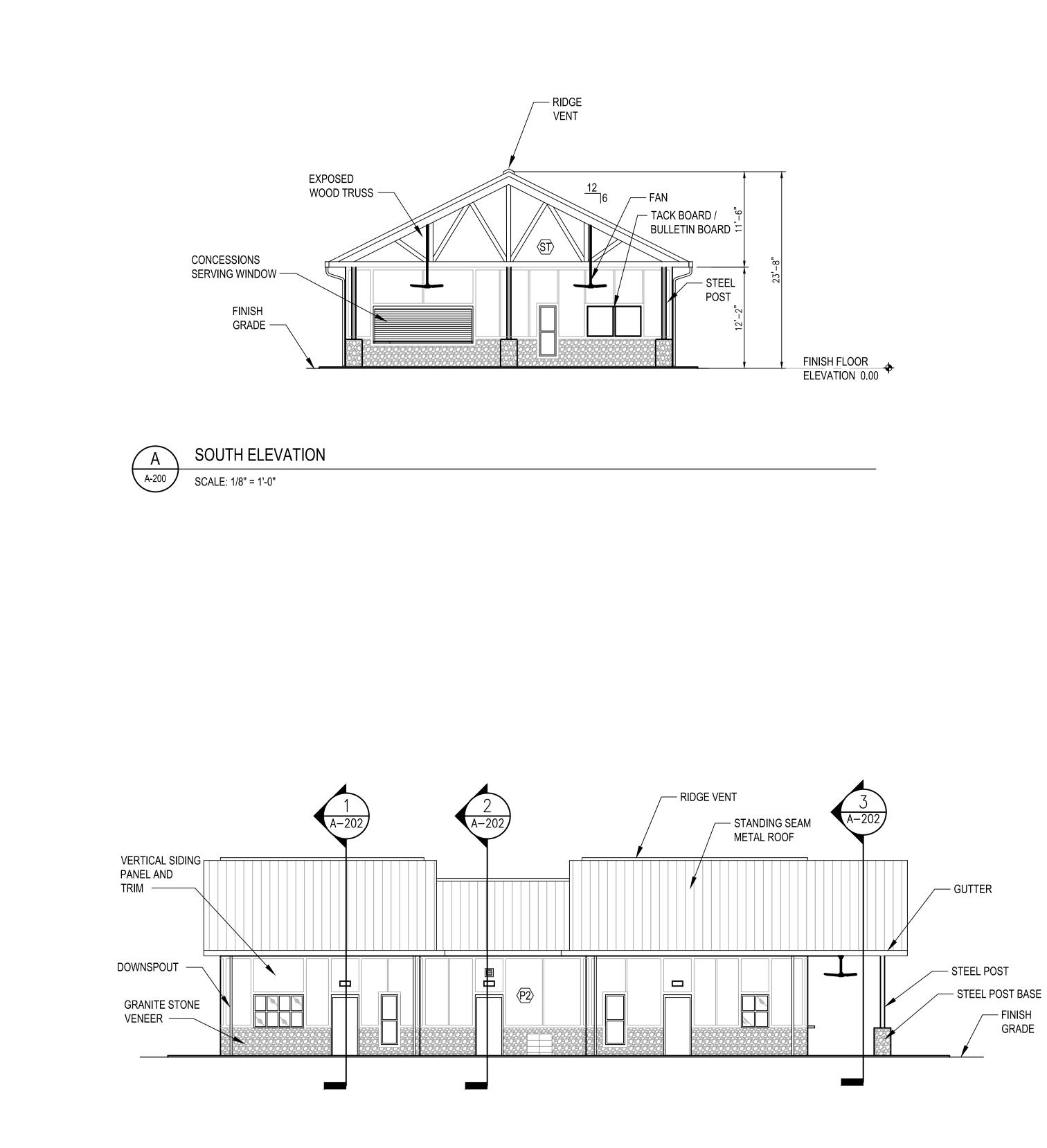
SCALE: 1 1/2" = 1'-0"

DRAWING NO.

SHEET

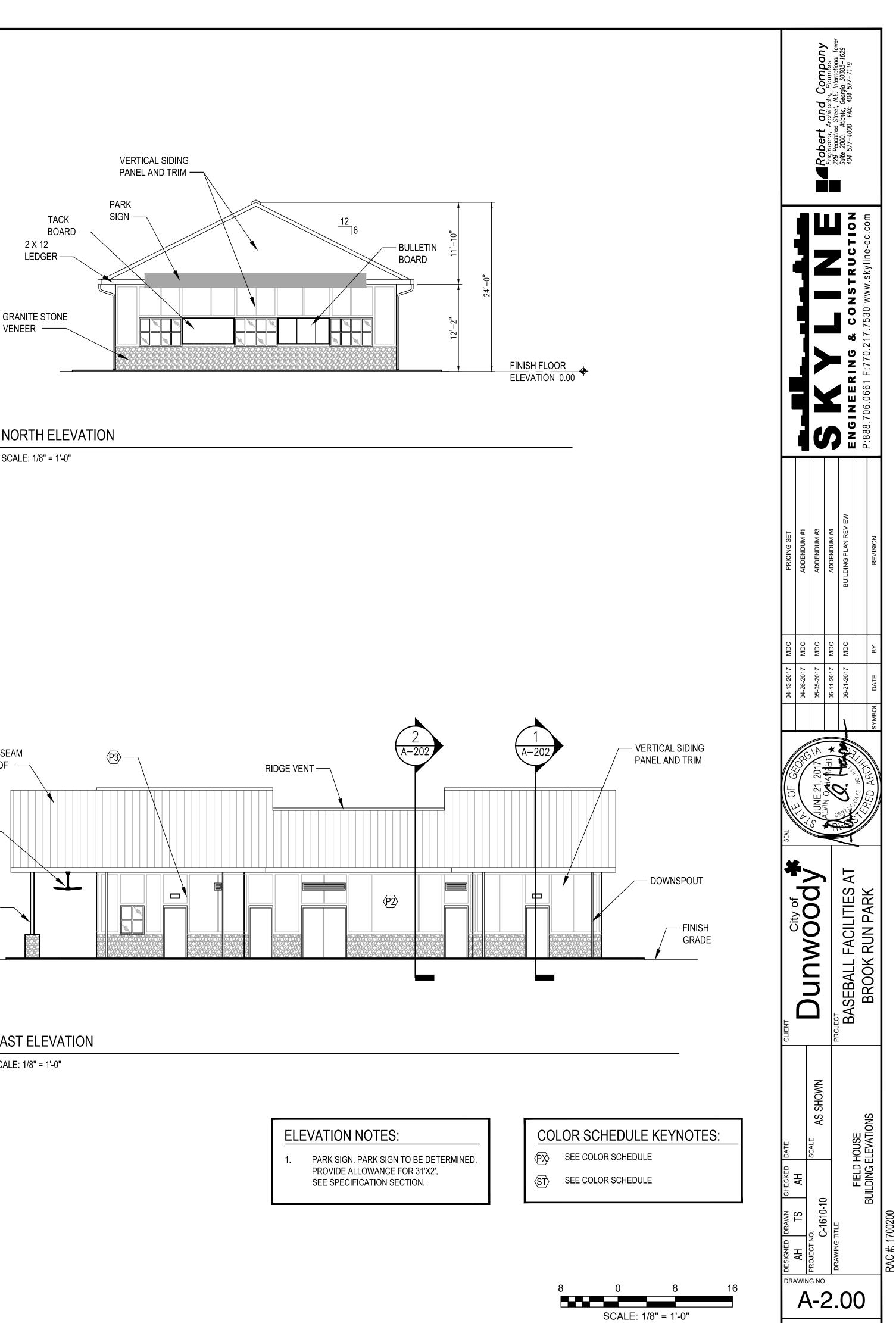
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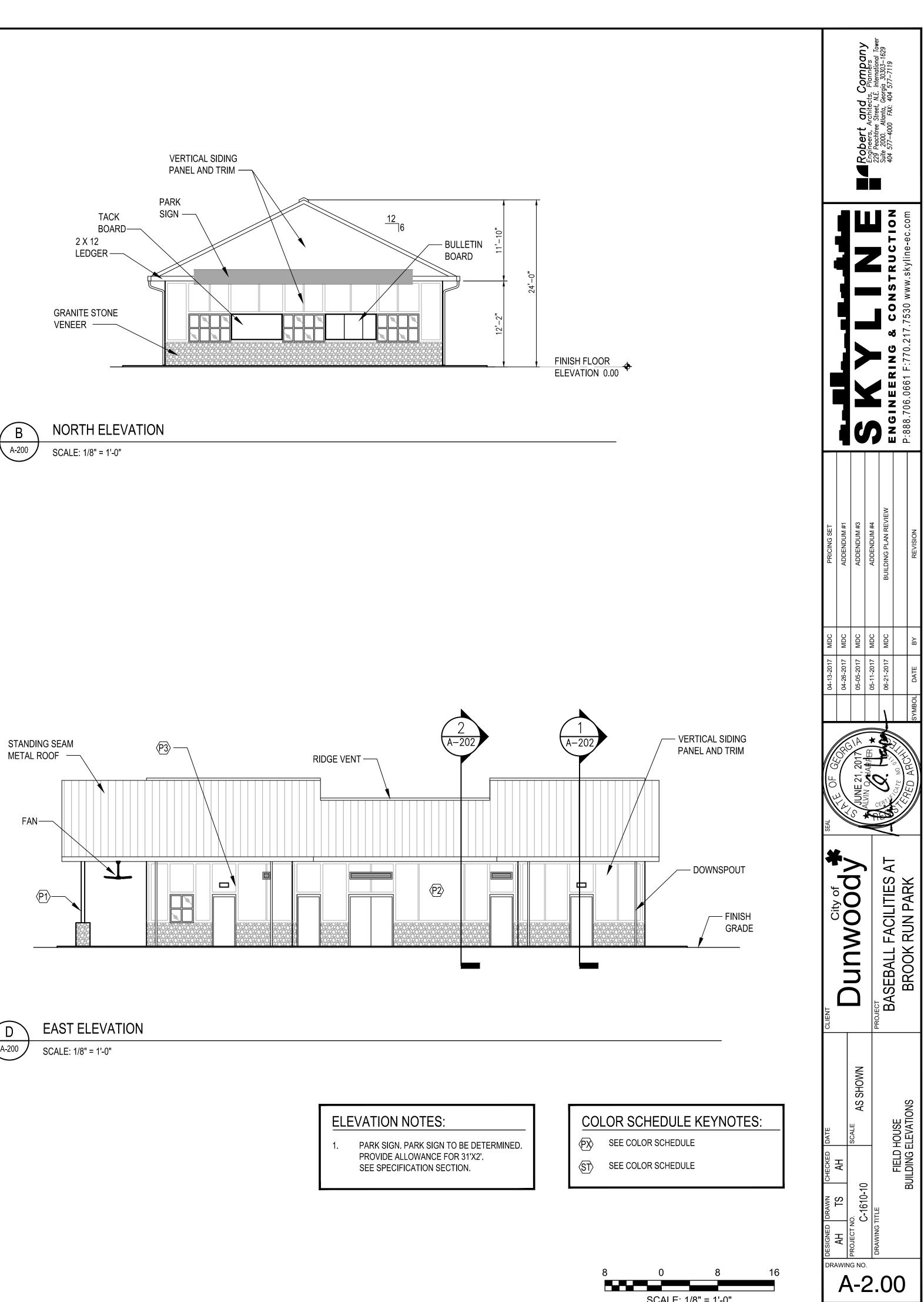


WEST ELEVATION SCALE: 1/8" = 1'-0"

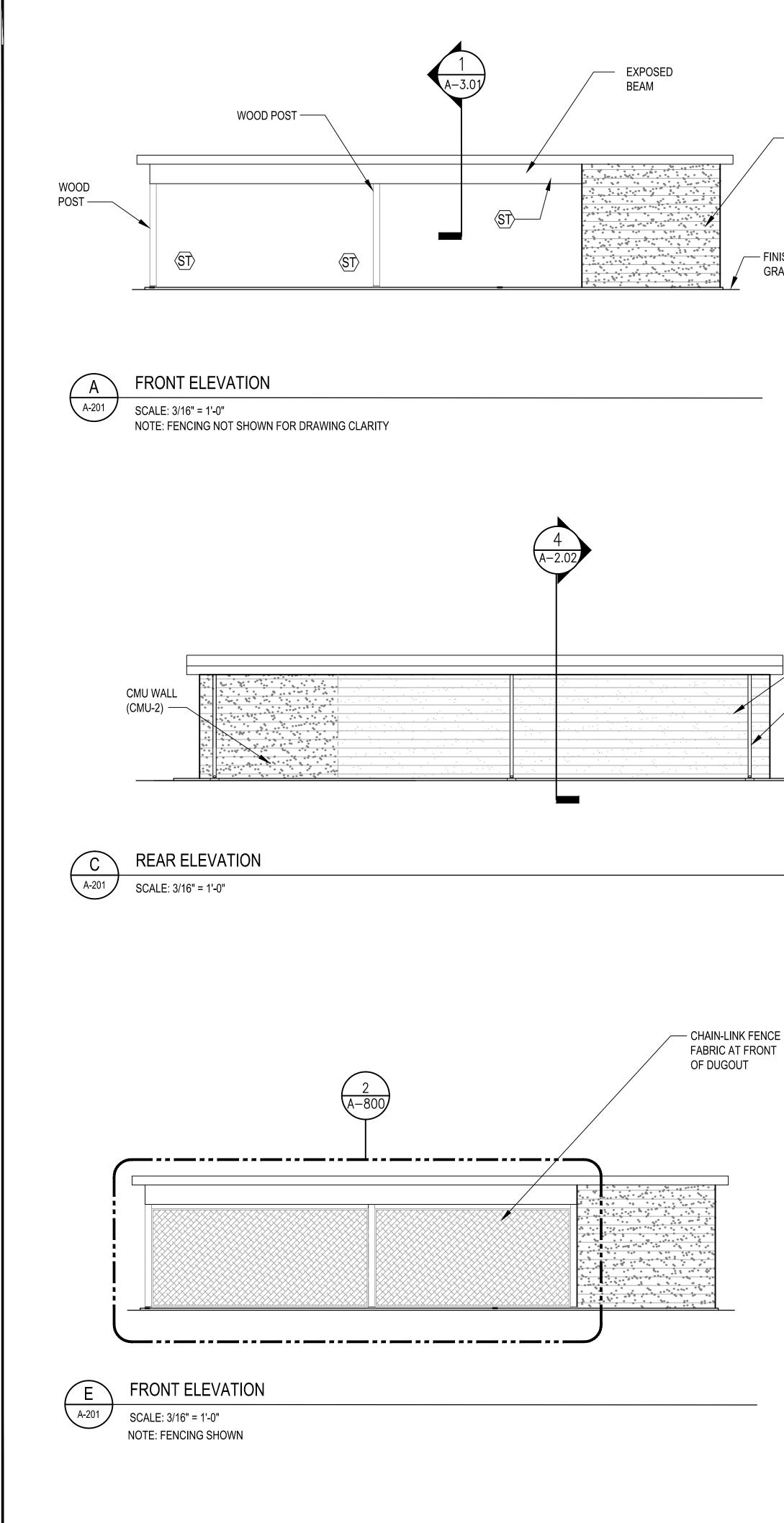


SHEET









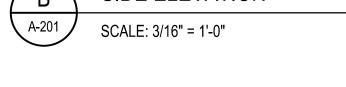
(CMU-1) ----- FINISH GRADE

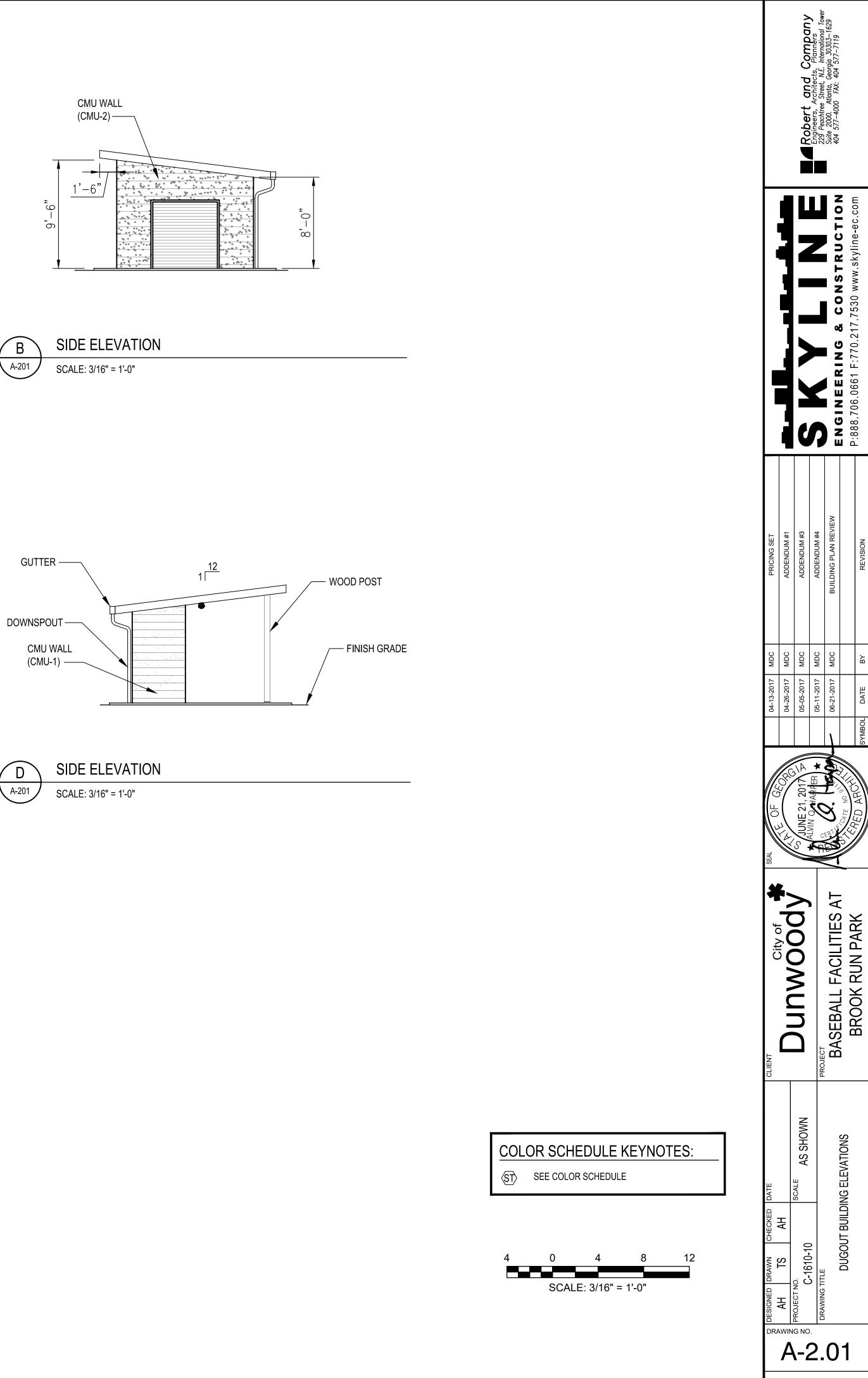
- CMU WALL - DOWNSPOUT

/--- FINISH GRADE

CMU WALL (CMU-2)

CMU WALL (CMU-2) — 1'-6" <u>ں</u> ّ

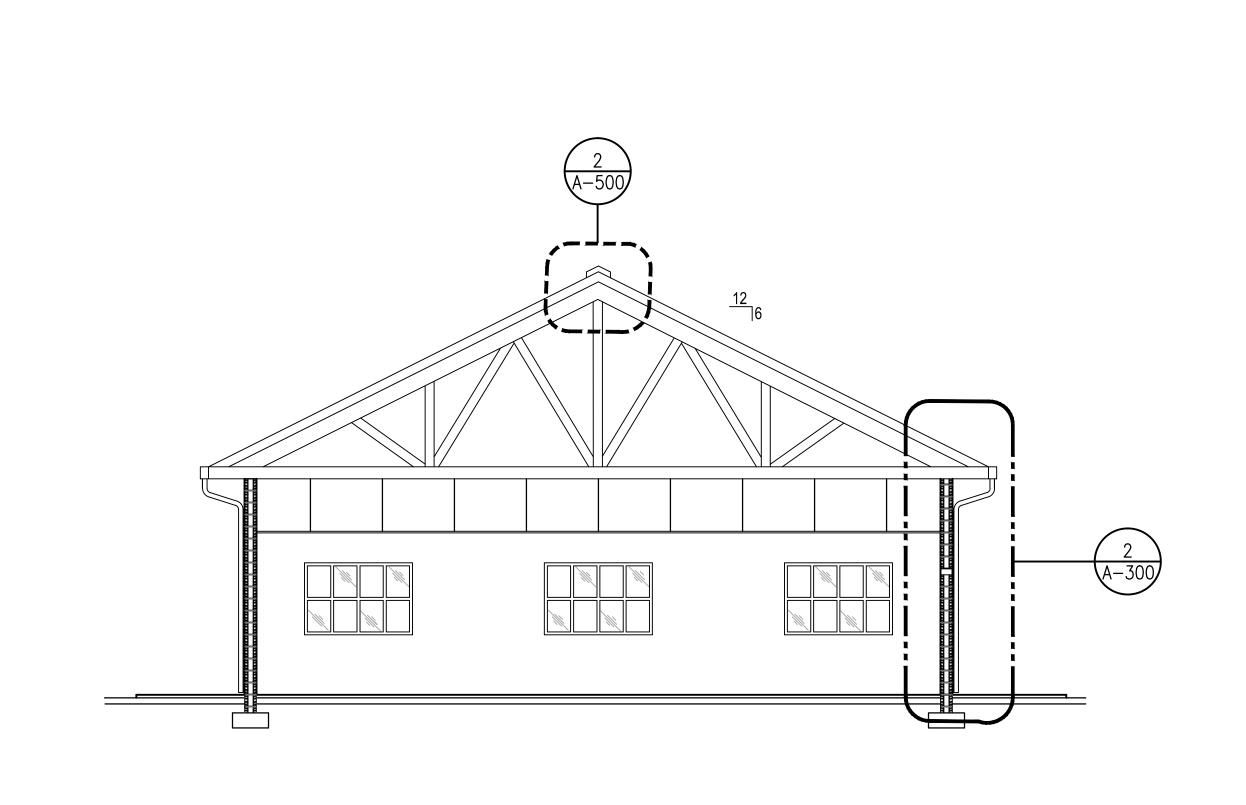




SAC

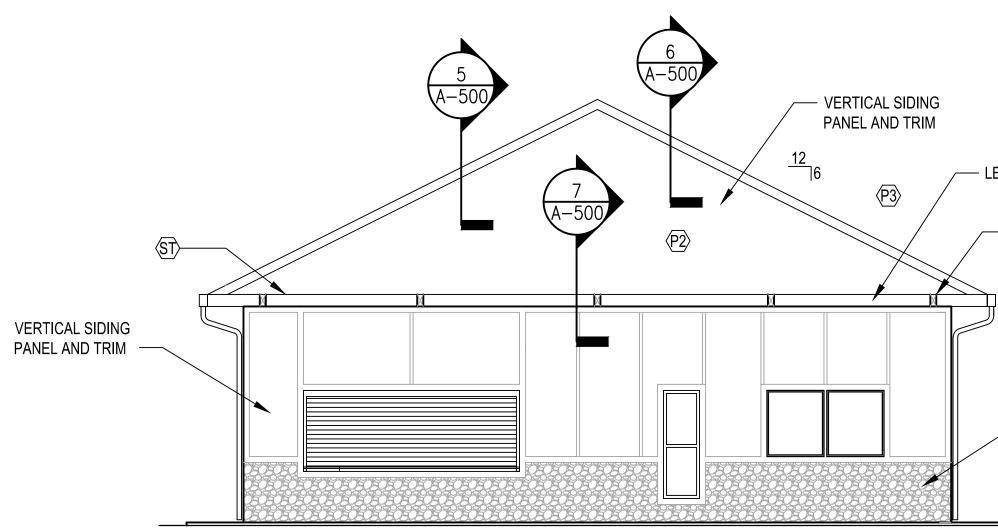
SHEET







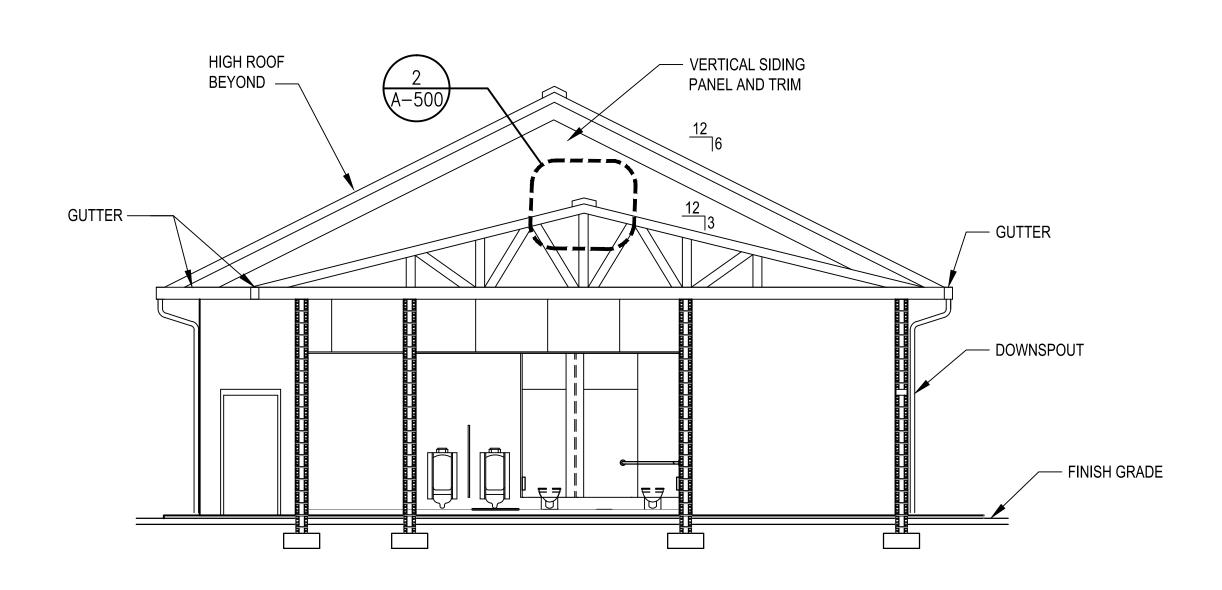
FIELDHOUSE BUILDING CROSS SECTION - HIGH ROOF SCALE: 3/16" = 1'-0"





FIELDHOUSE BUILDING CROSS SECTION - COVERED AREA

SCALE: 3/16" = 1'-0"



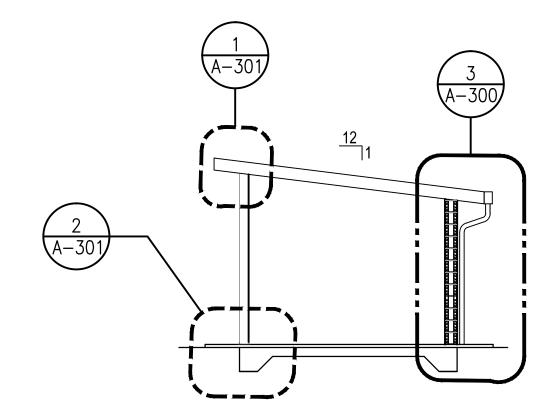


FIELDHOUSE BUILDING CROSS SECTION - LOW ROOF SCALE: 3/16" = 1'-0"

– LEDGER BOARD

-(ST)

GRANITE STONE VENEER FINISH GRADE



4DUGOUT BUILDING CROSS SECTIONA-202SCALE: 3/16" = 1'-0"

BUILDING SECTION NOTES:

1. WOOD TRUSS CONFIGURATION SHOWN FOR DRAWING PURPOSES ONLY. TRUSS CONFIGURATION TO BE DETERMINED BY TRUSS MANUFACTURER.

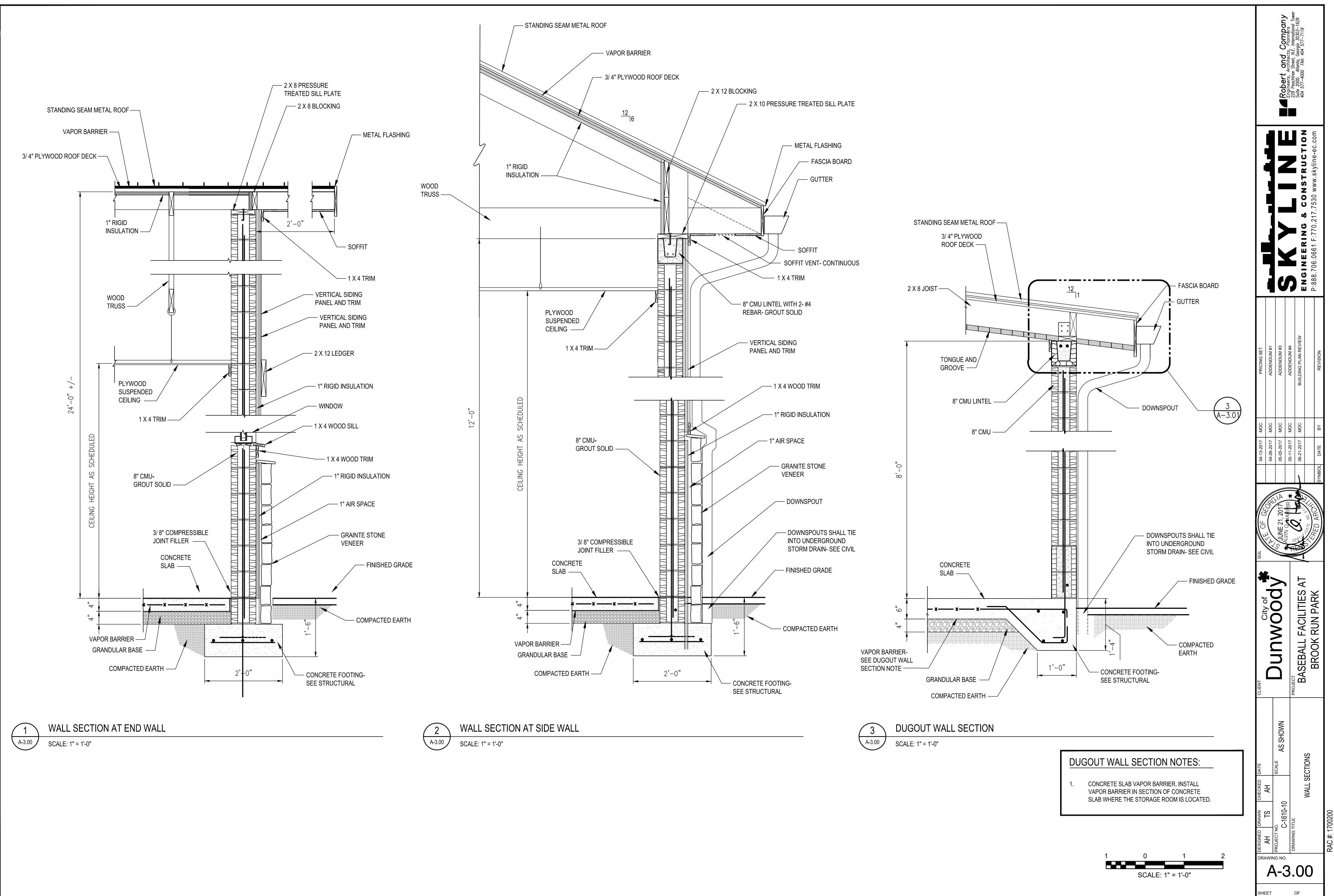
COLOR SCHEDULE KEYNOTES:

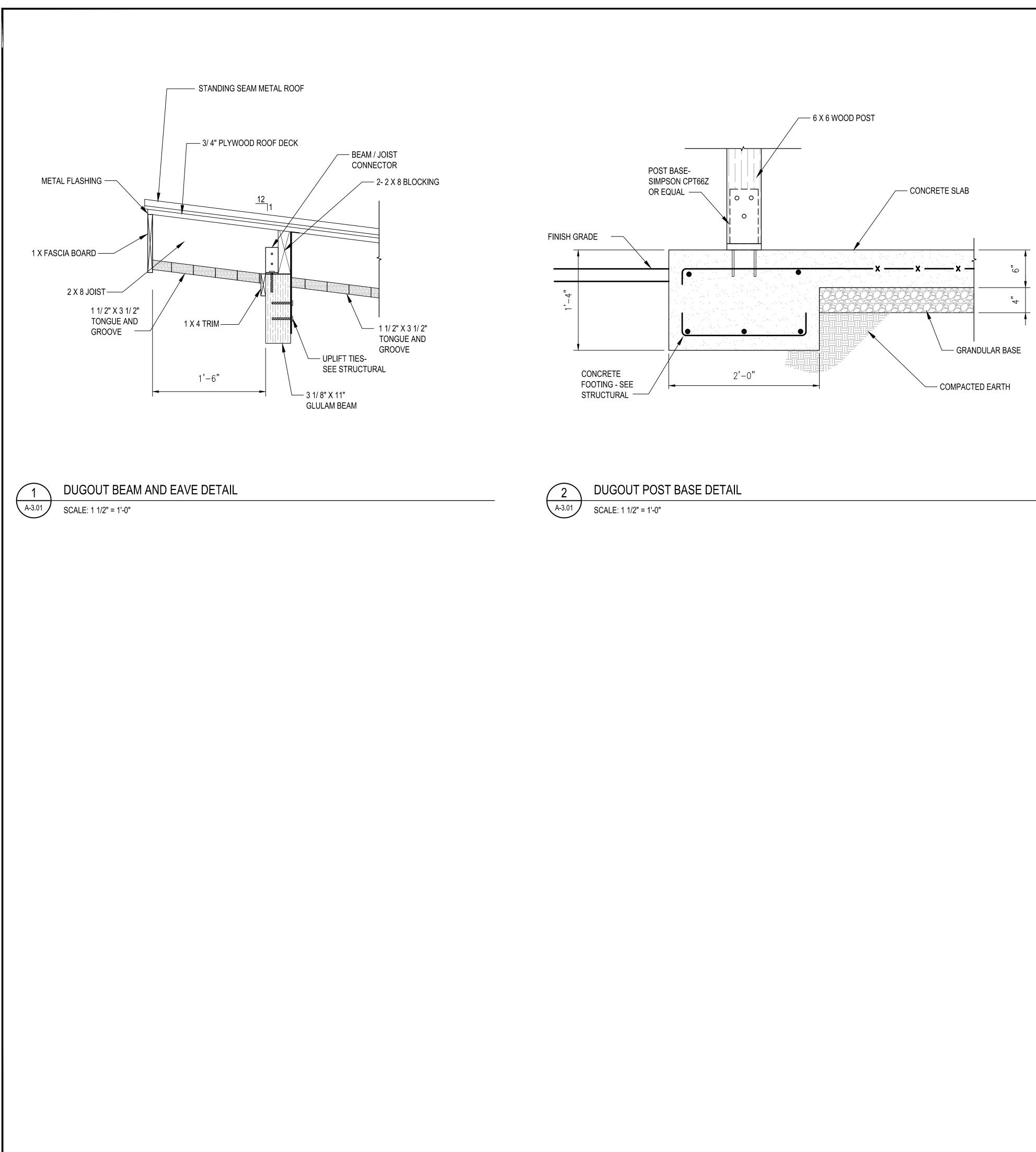
- ⟨Pŷ⟩ SEE COLOR SCHEDULE
- ST SEE COLOR SCHEDULE



		Robert and Company	Engineers, Architects, Planners	229 Peachtree Street, N.E. International Tower	Suite 2000. Atlanta, Georgia 30303–1629 404 577–4000 FAX: 404 577–7119			
PRICING SET	ADDENDUM #1	ADDENDUM #3	ADDENDIM #4		BUILDING PLAN REVIEW		REVISION	
04-13-2017 MDC	17 MDC	05-05-2017 MDC	05-11-2017 MDC		17 MDC		ВҮ	
04-13-20	04-26-2017	05-05-20	05-11-20	22	06-21-2017		SYMBOL DATE	
BEAL OF GE		NE NE				CATE NO ON	THED ARON	
				PROJECT	BASEBALL FACILITIES AT			
D DRAWN CH	AH IS AH	D B PROJECT NO. C-1610-10 SCALE AS SHOWN		■ DRAWING TITLE		BUILDING SECTIONS		RAC #: 1700200

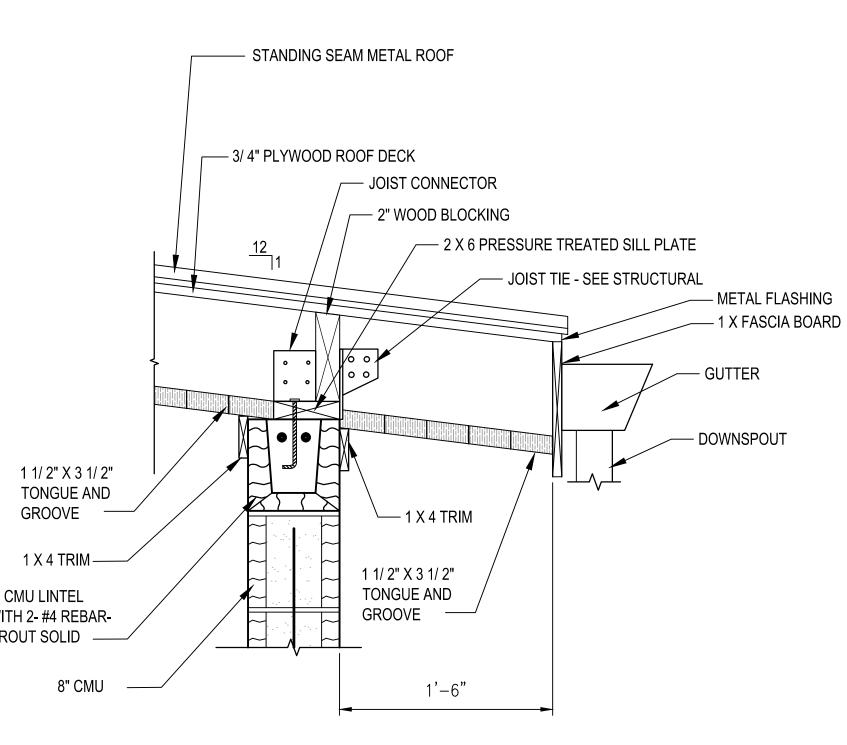
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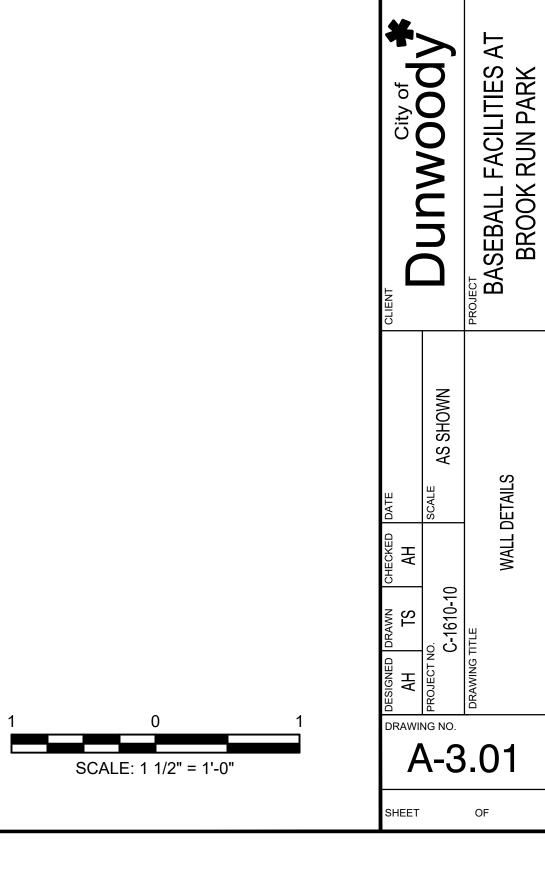
8" CMU LINTEL WITH 2- #4 REBAR-GROUT SOLID -





DUGOUT EAVE DETAIL

SCALE: 1 1/2" = 1'-0"



RAC #: 1700200

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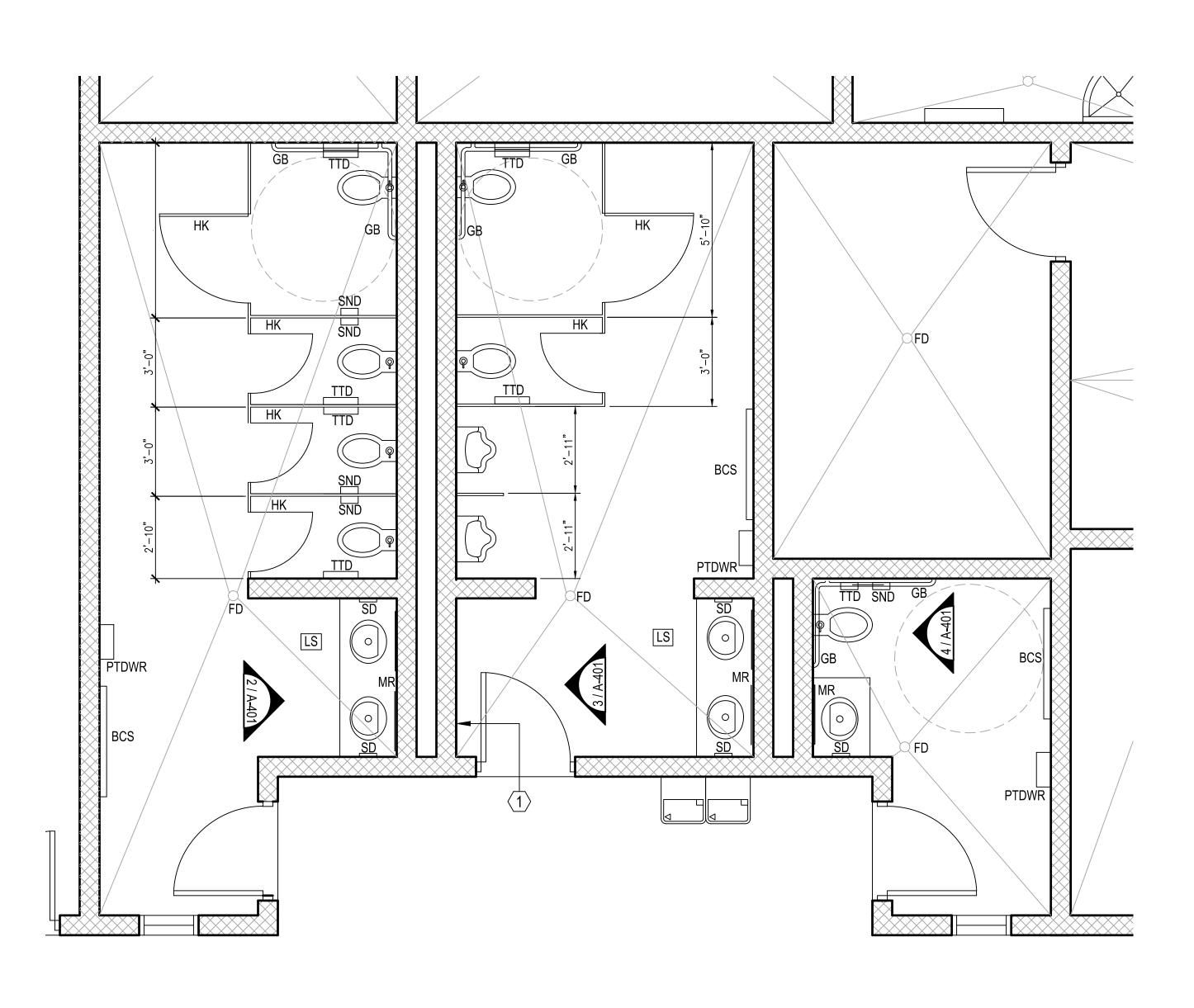
PRICING SET ADDENDUM #1 ADDENDUM #3 ADDENDUM #4 LDING PLAN REVI

MDC MDC MDC

-2017 -2017 -2017 -2017 -2017

04-13-5 04-26-5 05-05-5 05-01-1 05-11-5 06-21-5

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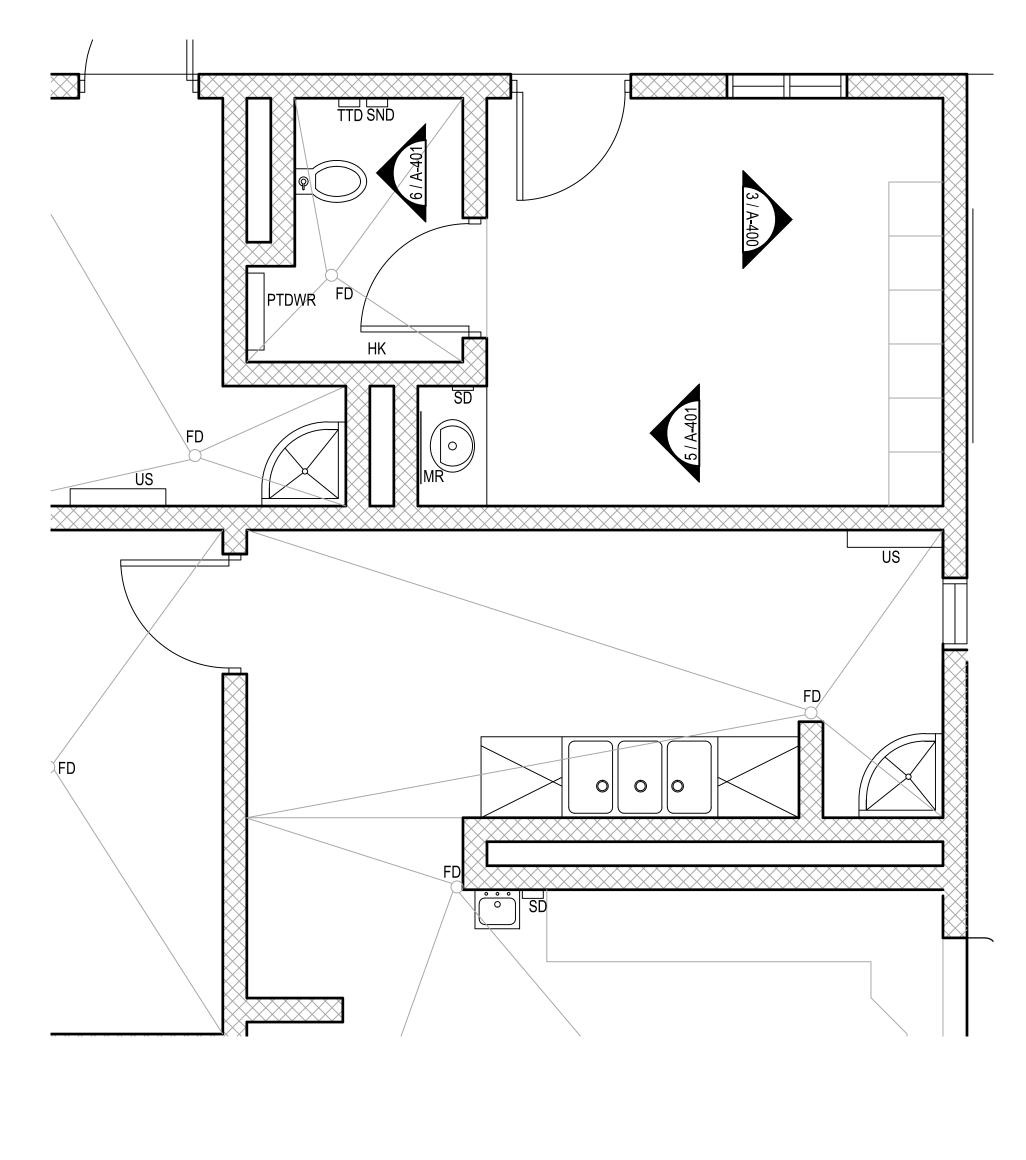
ENLARGED TOILET PLAN

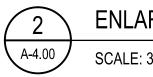


TOILET /	CUSTODIAL AC	CESSORIES LEGEND
DESCRIPTION	DENOTATION	REMARKS
ABY CHANGING STATION	BCS	SURFACE MOUNTED
GRAB BAR	GB	-
IOOK (COAT/BUMPER)	НК	PARTITION/SURFACE MOUNTED
APER TOWEL DISPENSER / WASTE RECEPTACLE	PTD/WR	SEMI-RECESSED
ANITARY NAKIN DISPOSAL	SND	PARTITION / SURFACE MOUNTED
OAP DISPENSER	SD	SURFACE MOUNTED
TEEL FRAME MIRROR (18" X 30")	MR	SURFACE MOUNTED
TEP (LAVATORY STEP)	LS	FLOOR MOUNTED
OILET TISSUE DISPENSER	TTD	PARTITION / SURFACE MOUNTED
TILITY SHELF / MOP HOLDER	US	SURFACE MOUNTED

SEE DRAWINGS ELEVATION FOR MOUNTING HEIGHTS. FOR MOUNTING HEIGHTS NOT NOTED, MOUNT ACCESSORIES AT HEIGHT PER MANUFACTURER'S INSTRUCTION.

WHERE REQUIRED FOR DRAWING CLARITY, ALL TOILET ACCESSORIES MAY NOT BE NOTED ON THE PLAN(S), TOILET ACCESSORIES INDICATED IN ONE CONDITION ARE TYPICAL OF ALL SIMILAR CONDITIONS. SEE TOILET ELEVATION FOR INFORMATION ON ACCESSORIES THAT MAY NOT BE INDICATED ON THE PLAN(S). 2.



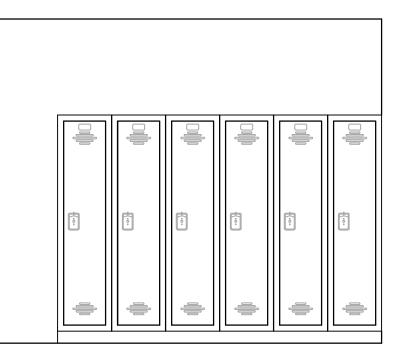


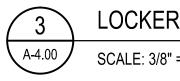
SCALE: 3/8" = 1'-0"



FLOOR PLAN KEY NOTES:

(1) INSTALL 16" X 20" ACCESS PANEL FOR ACCESS TO WATER SHUT-OFF VALVE.

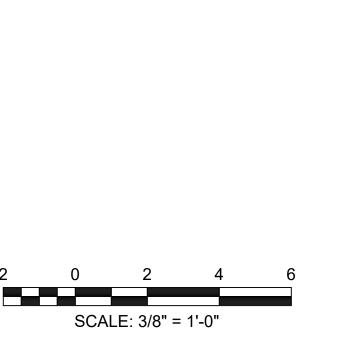


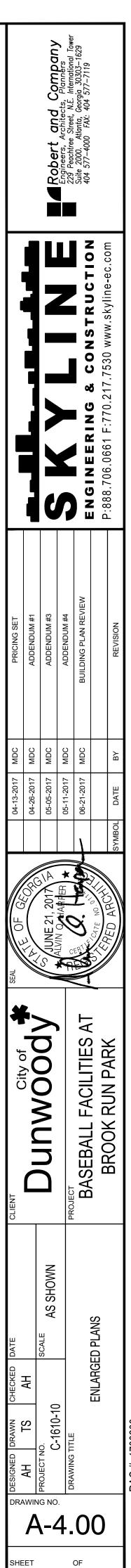


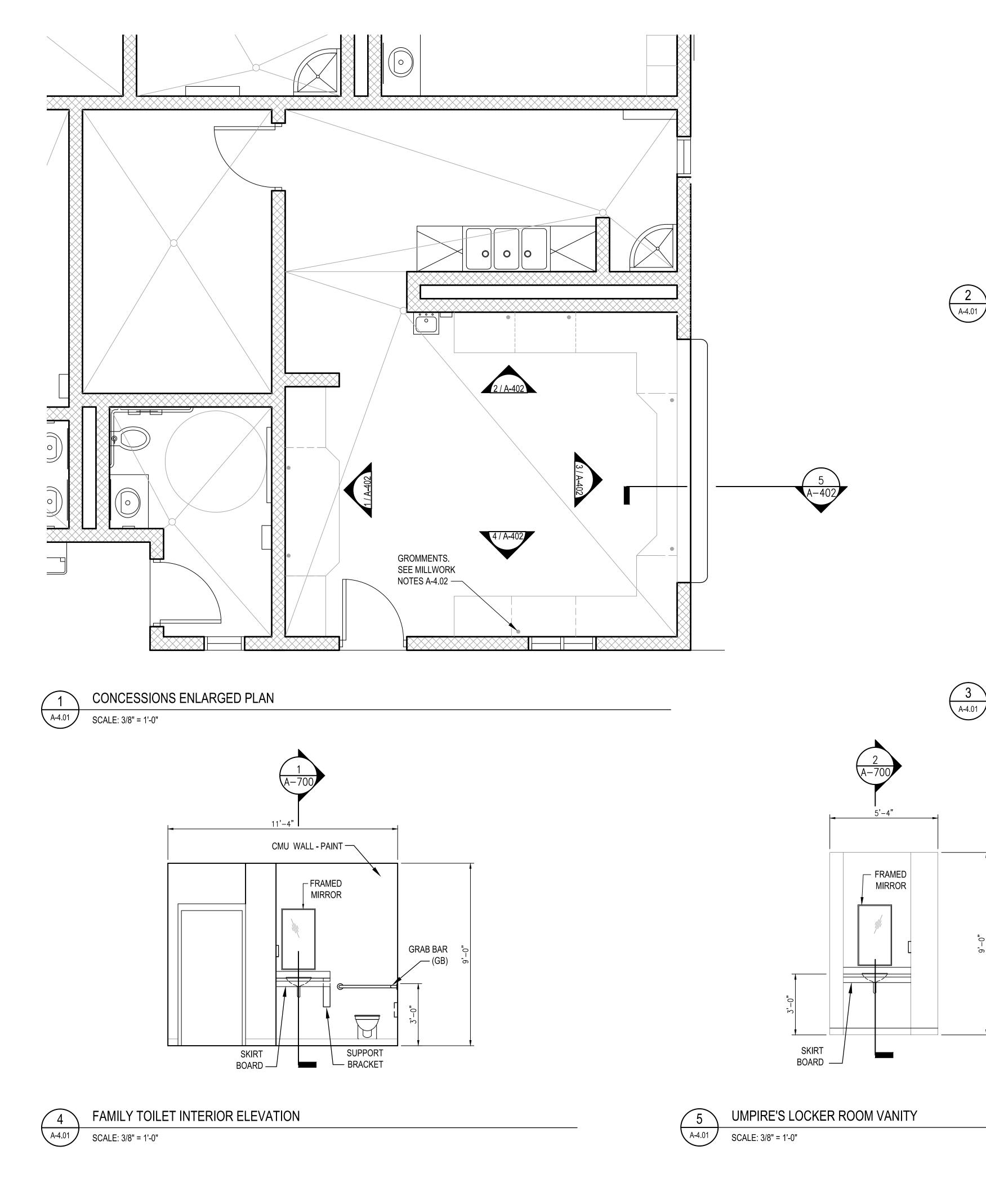
LOCKER ELEVATIONS

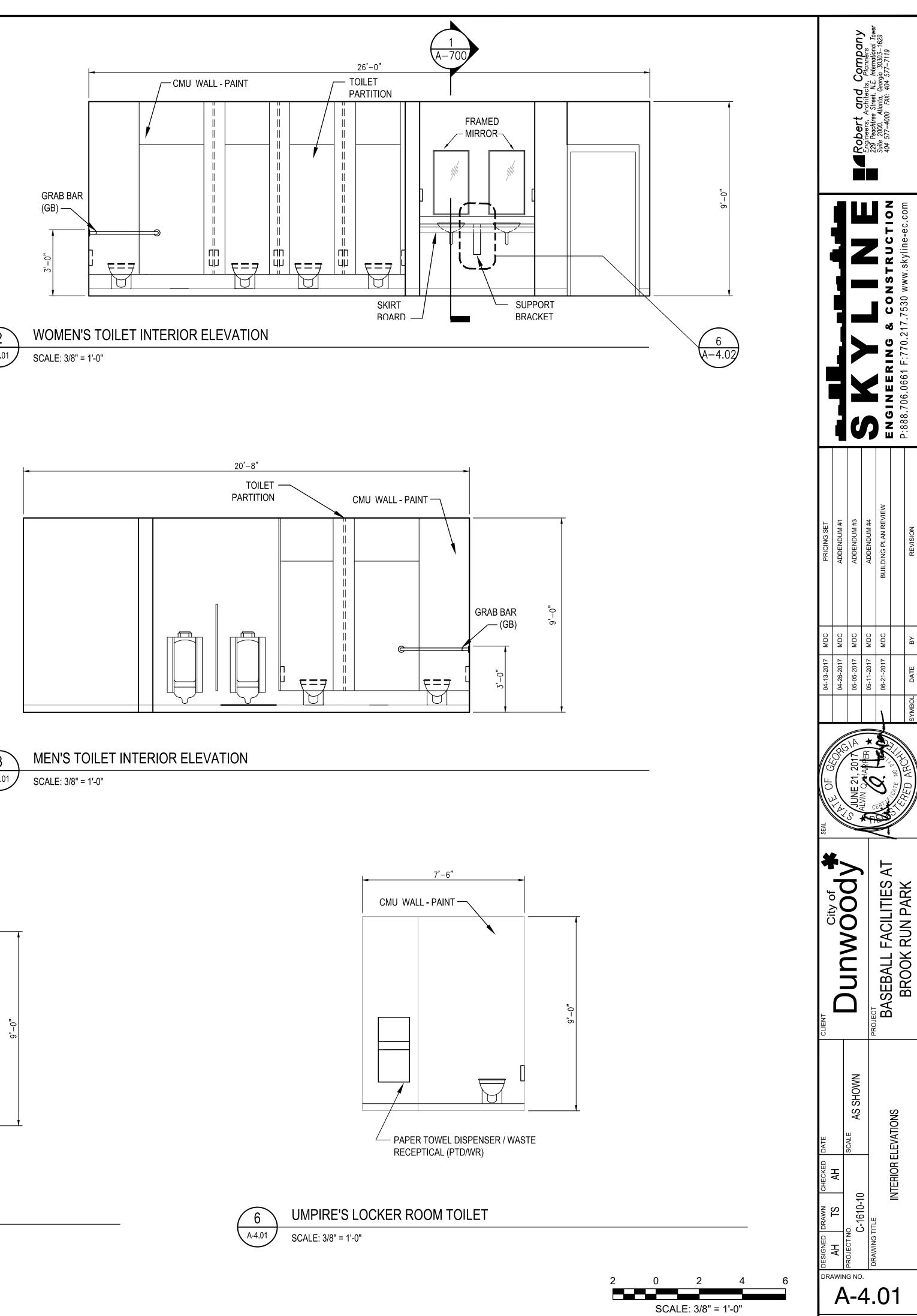
SCALE: 3/8" = 1'-0"

ENLARGED TOILET, CONCESSIONS WASHROOM AND GENERAL STORAGE(S) PLAN

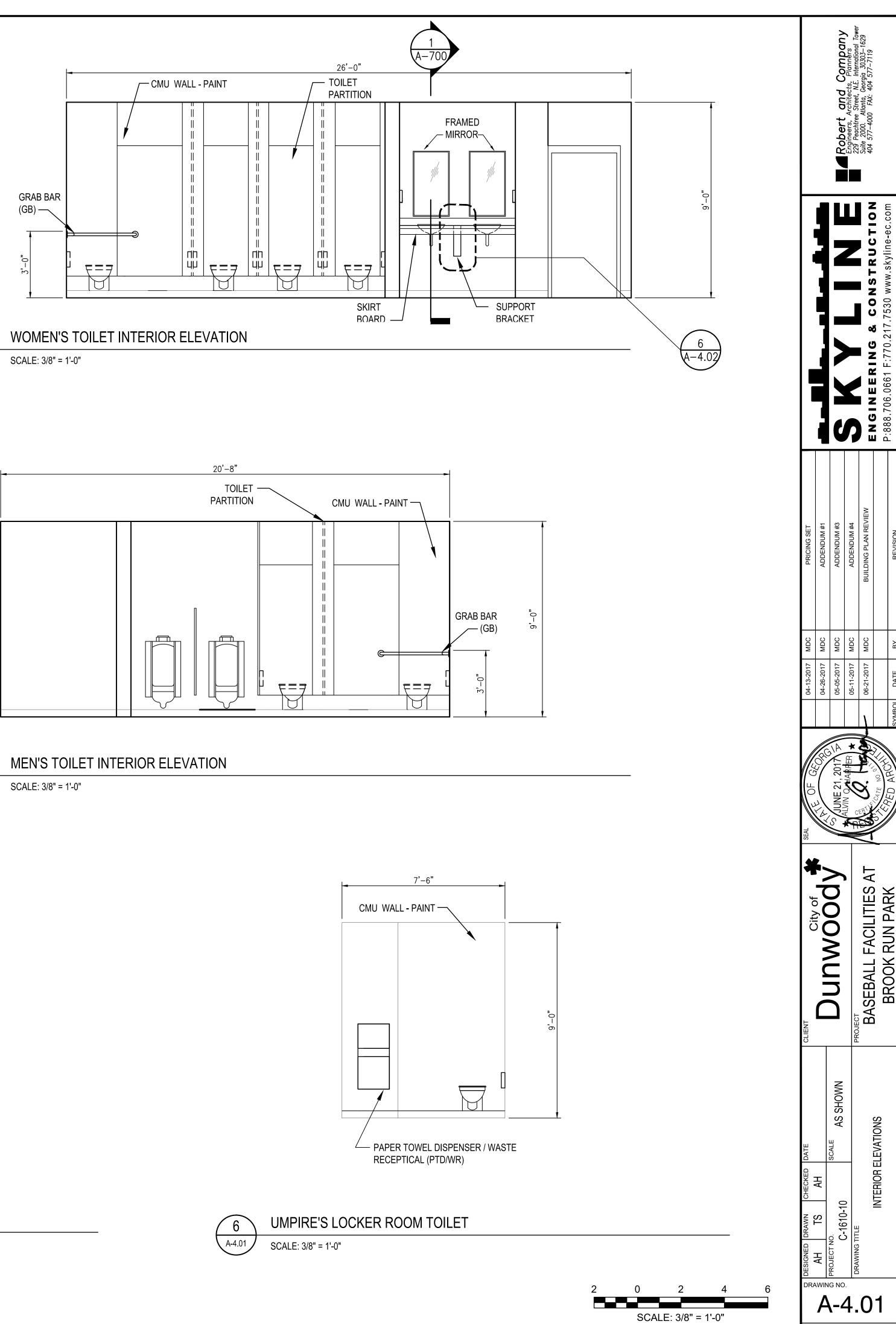


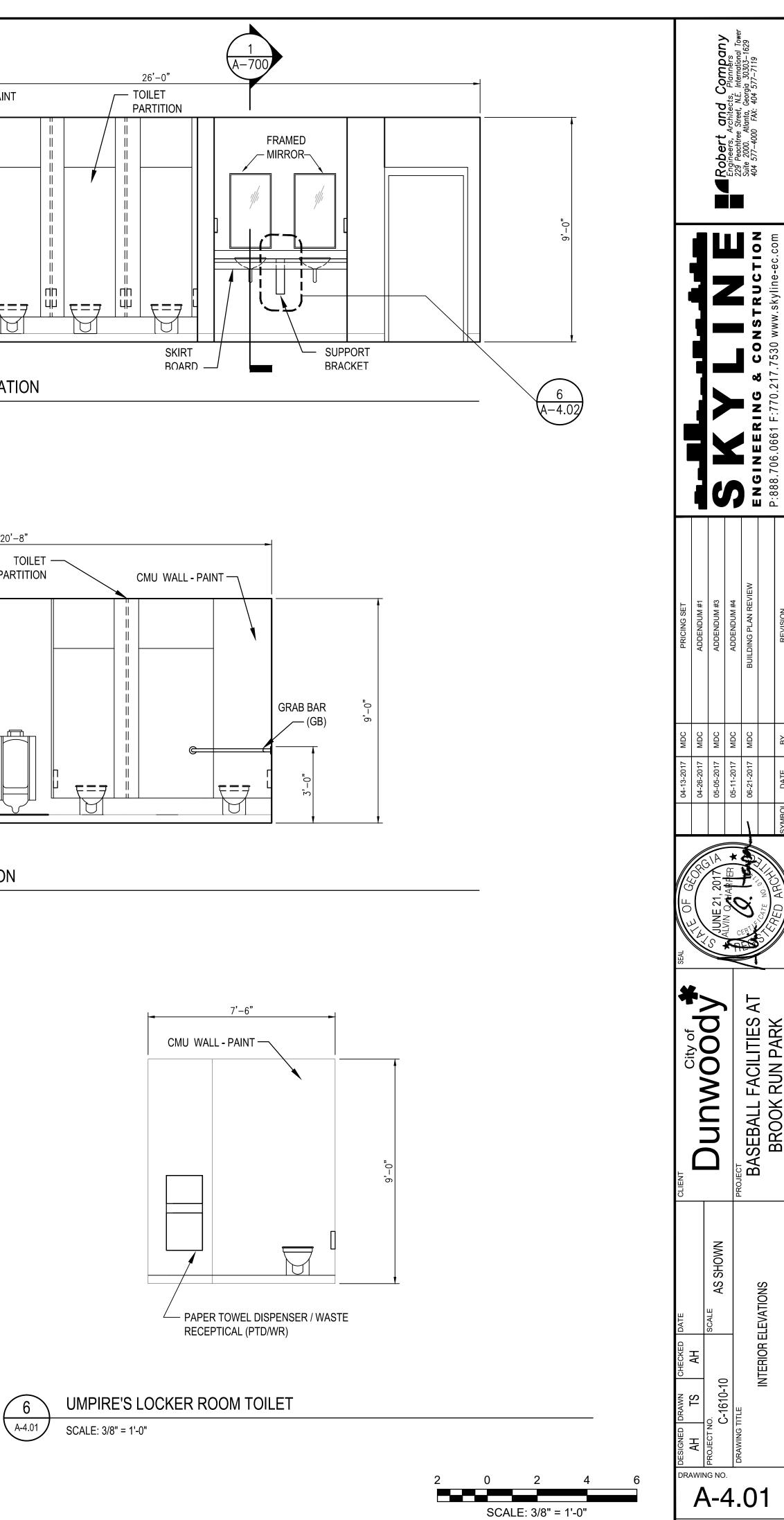




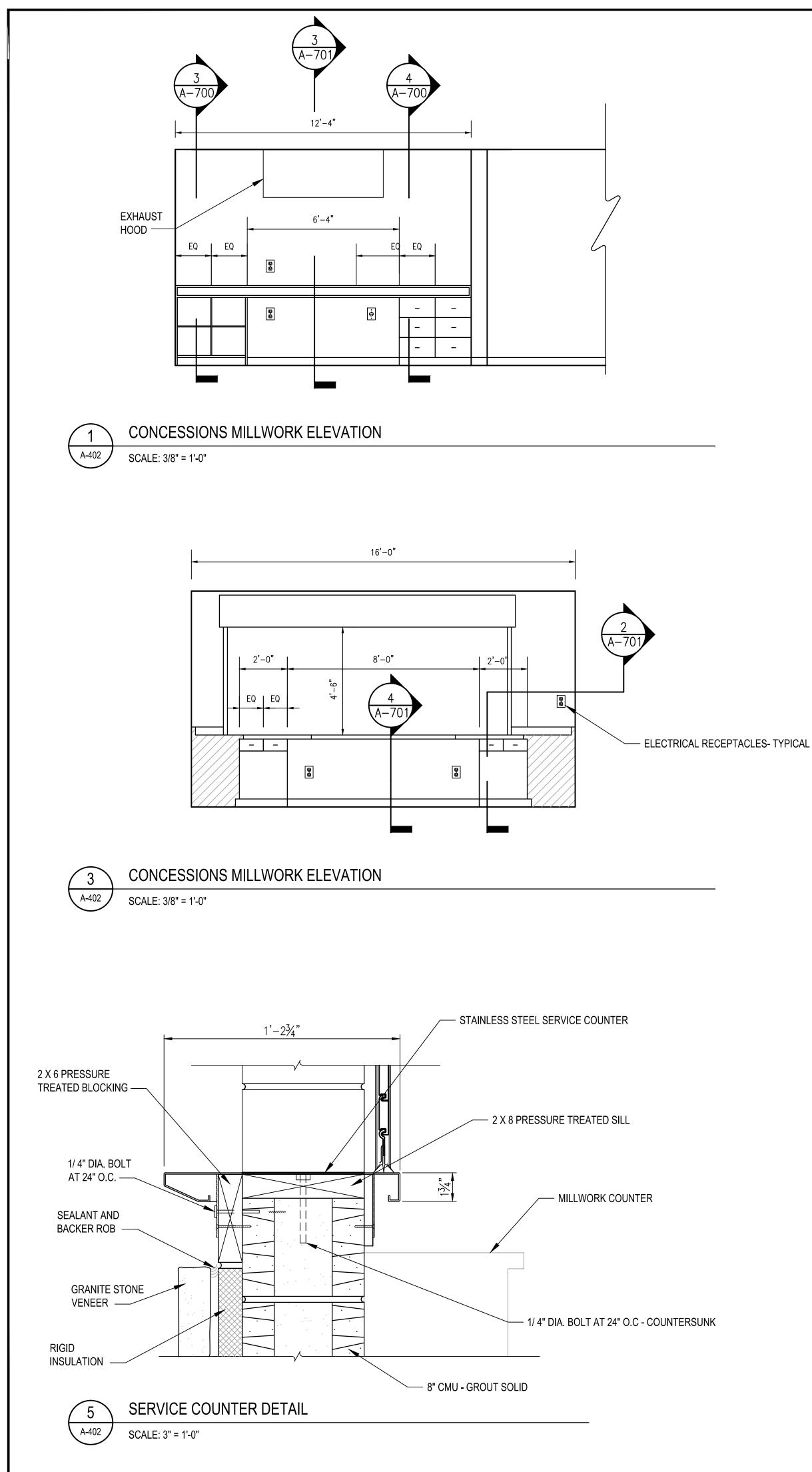


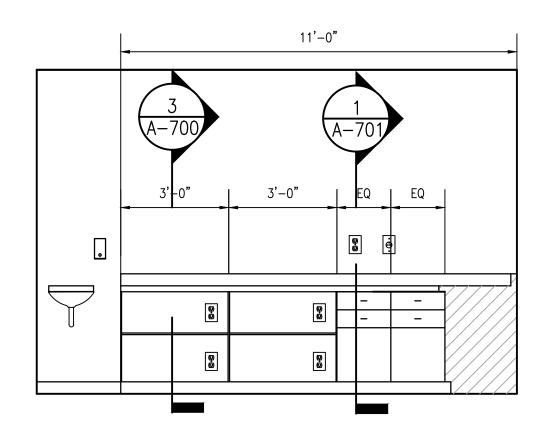




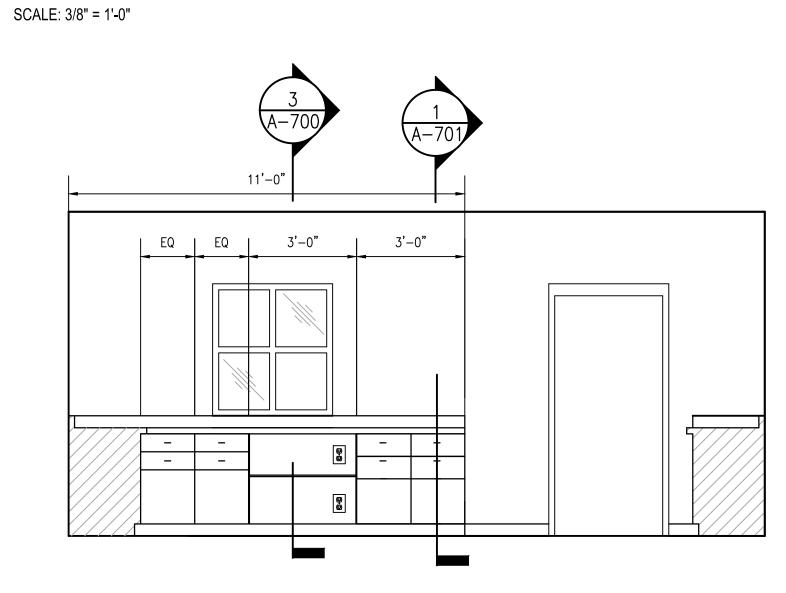


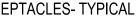
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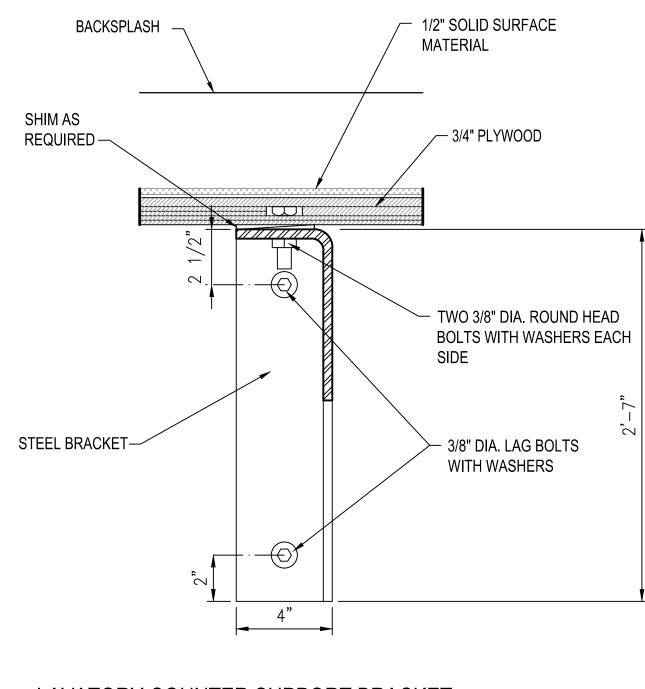






CONCESSIONS MILLWORK ELEVATION

SCALE: 3/8" = 1'-0"





LAVATORY COUNTER SUPPORT BRACKET

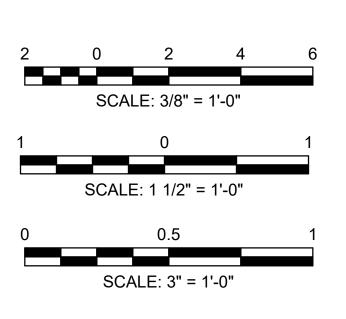
SCALE: 1 1/2" = 1'-0"

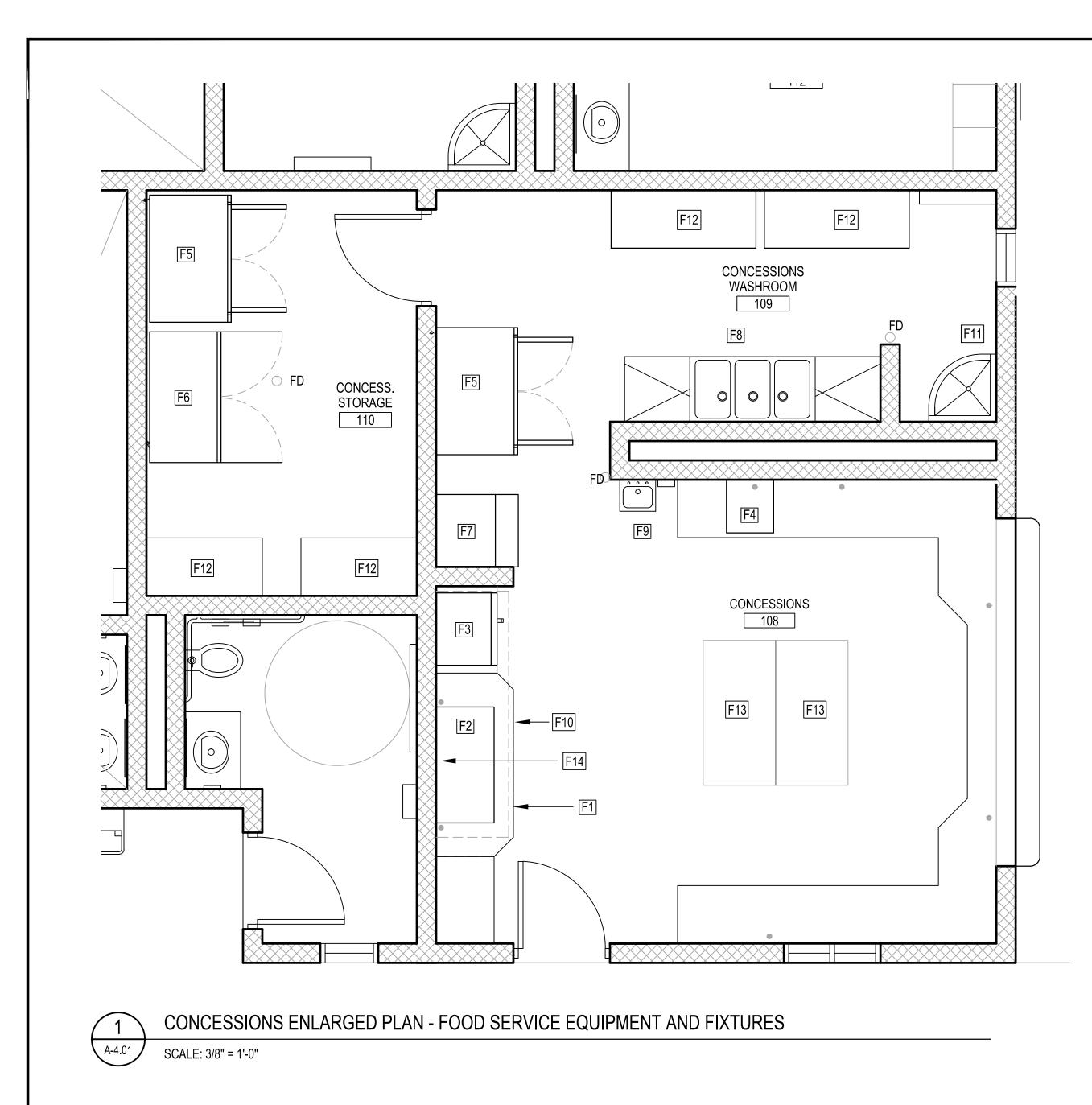
MILLWORK NOTES:

- ELECTRICAL RECEPTACLES. ELECTRICAL RECEPTACLES SHOWN FOR DRAWING PURPOSES. COORDINATE INSTALLATION OF RECEPTACLES WITH ELECTRICAL WORK.
- GROMMENTS. PROVIDE GROMMENT CUTOUTS IN COUNTERTOP AT ELECTRICAL RECEPTACLE LOCATIONS.

		Robert and Company	Engineers, Architects, Planners	229 Peachtree Street, N.E. International Tower	Suite 2000. Atlanta, Georgia 30303–1629 404 577–4000 FAX: 404 577–7119			
					ENGINEEDING & CONSTRIICTION	D-888 706 0661 E-770 317 7530 www skyling of fom	L.000.100.000.001	
PRICING SET	ADDENDUM #1	ADDENDUM #3			BUILDING PLAN REVIEW		REVISION	
MDC	MDC	MDC			MDC		ВΥ	
04-13-2017 MDC	04-26-2017	05-05-2017	05_11_2017 MIDC	1107-11-00	06-21-2017		SYMBOL DATE	
CIENT CIEV OF SEAL SEAL OF GE			CLARHER A IN CARAGER A IN C		BASFBALL FACILITIES AT VINCE &			
	AH IS AH	B PROJECT NO. SCALE SCALE SCALE SCALE		DRAWING TITLE				RAC #: 1700200

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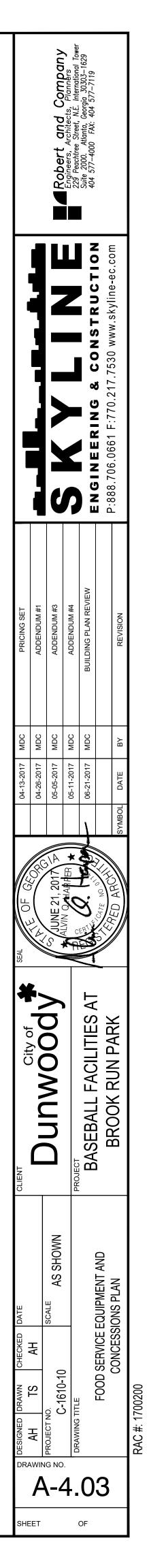


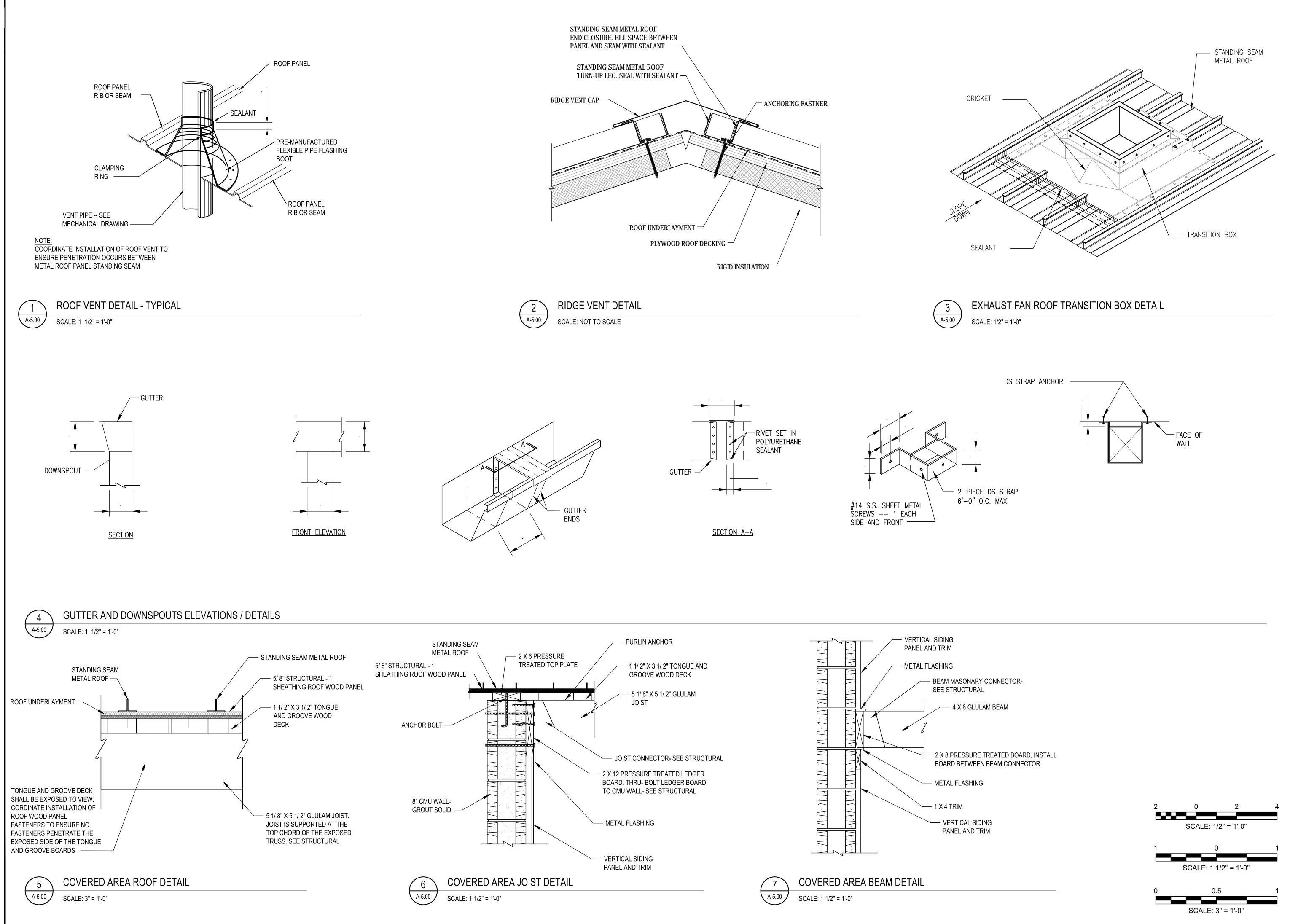
QUIP NO.	OTV	DESCRIPTION		SIZE		DEMARKS
	QTY.	DESCRIPTION	WIDTH	HEIGHT	DEPTH	REMARKS
F1	1	EXHAUST HOOD	-	-	-	- PROVIDE WITH ANSUL FIRE PROTECTION SYSTE NOTE 3
F2	1	GRIDDLE	36"	11"	24'''	
F3	1	CONVECTION OVEN	30"	30 5/8"	28 1/2'''	
F4	1	WARMING AND BAKING OVEN	19 1/2"	23 3/4"	22"	- COUNTERTOP UNIT
F5	2	REFRIGERATOR (REACH-IN)	52 5/8"	77 3/4"	33 3/4"	
F6	1	FREEZER (REACH-IN)	54 1/8"	78 3/8"	29 1/2"	
F7	1	ICE MACHINE	30"	71 1/2"	34"	
F8	1	3 - COMPARTMENT SINK	-	-	-	DOUBLE DRAIN BOARD, NOTE 3
F9	1	HAND WASH SINK	-	-	-	NOTE 4
F10	1	GREASE INTERCEPTOR	30"	-	30"	IN-FLOOR UNIT INSTALLED UNDER COUNTER WH GRIDDLE IS LOCATED, NOTE 4
F11	1	MOP SINK	-	-	-	CURB FLOOR MOUNTED SINK, NOTE 4
F12	4	STORAGE SHELF	60"	72"	24"	
F13	2	TABLE	30"		60"	
F14	1	SS BACKSPLASH	72"	30"	-	INSTALL AT TOP OF COUNTERTOP
TES:						

2. FLOOR DRAINS. FLOOR DRAINS ARE SHOWN ON THE CONCESSIONS AND ARE DENOTED WITH "FD." SEE SHEET M-601 KITCHEN EXHAUST HOOD SCHEDULE FOR HOOD DIMENSIONS.

PLUMBING FIXTURES. SEE PLUMBING DRAWINGS FOR INFORMATION ON THE PLUMBING FIXTURE NOTED







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PRICING SET	ADDENDUM #1	ADDENDUM #3			BUILDING PLAN REVIEW		REVISION	
04-13-2017 MDC	04-26-2017 MDC	05-05-2017 MDC			06-21-2017 MDC		SYMBOL DATE BY	
seal as OF GRA		1 21, 2017 F				NY COATE NO. O' XY	THE AHON	
Client City of _ 6				PROJECT	BASFBALL FACILITIES AT 1			
DESIGNED DRAWN CHE		C-1610-10 SCALE AS SHOWN		DRAWING TITLE			MISCELLANEOUS DE TAILS	
			5		0	0		

									FINISH SC	HEDULE						
ROOM		FLC	OR	BASE	NORT	H WALL	SOUTH	I WALL	EAST	WALL	WEST	WALL		CEILING		
	SPACE NAME	MATERIAL	FINISH	MATERIAL	MATERIAL	FINISH	MATERIAL	FINISH	MATERIAL	FINISH	MATERIAL	FINISH	MATERIAL	FINISH	HEIGHT	REMARKS
FIELDHOU	ISE	1								L	I	I	L	I	I	1
101	MEETING ROOM	CONC	EPX	EPX	CMU	PT	CMU	PT	CMU	PT	CMU	PT	PLYWD	PT	9'-0"	NOTE 1
102	SERVER CLOSET	CONC	EPX	EPX	CMU	PT	CMU	PT	CMU	PT	СМО	PT	PLYWD	PT	9'-0"	NOTE 1
103	WOMAN'S TOILET	CONC	EPX	EPX	CMU	PT-E	CMU	PT-E	CMU	PT-E	CMU	PT-E	PLYWD	PT-E	9'-0"	NOTE 1
104	MEN'S TOILET	CONC	EPX	EPX	CMU	PT-E	CMU	PT-E	CMU	PT-E	CMU	PT-E	PLYWD	PT-E	9'-0"	NOTE 1
105	FAMILY TOILET	CONC	EPX	EPX	CMU	PT-E	CMU	PT-E	CMU	PT-E	CMU	PT-E	PLYWD	PT-E	9'-0"	NOTE 1
106	UTILITY ROOM	CONC	CS	-	CMU	-	CMU	-	CMU	-	CMU	-	EXPD	-	-	
107	GENERAL STORAGE (LARGE)	CONC	CS	-	CMU	-	CMU	-	CMU	-	СМО	-	EXPD	-	-	
108	CONCESSIONS	CONC	EPX	EPX	CMU	PT-E	CMU	PT-E	CMU	PT-E	СМU	PT-E	PLYWD	PT-E	9'-0"	NOTE 1
109	CONCESSIONS WASHROOM	CONC	EPX	EPX	CMU	PT-E	CMU	PT-E	CMU	PT-E	CMU	PT-E	PLYWD	PT-E	9'-0"	NOTE 1
110	CONCESSIONS STORAGE	CONC	EPX	EPX	CMU	PT-E	CMU	PT-E	CMU	PT-E	CMU	PT-E	PLYWD	PT-E	9'-0"	NOTE 1
111	GENERAL STORAGE (SMALL)	CONC	CS	-	CMU	-	CMU	-	CMU	-	СМИ	-	EXPD	-	-	
112	UMPIRE'S LOCKER ROOM	CONC	EPX	EPX	CMU	PT	CMU	PT	CMU	PT	СМU	PT	PLYWD	PT	9'-0"	NOTE 1
113	LOCKER ROOM TOILET	CONC	EPX	EPX	CMU	PT	CMU	PT	CMU	PT	СМИ	PT	PLYWD	PT	9'-0"	NOTE 1
DUGOUT					•	-			•				-			
DW1	DUGOUT STORAGE	CONC	CS	-	CMU-2	-	CMU-2	-	CMU-2	-	CMU-2	-	EXPD	-	VARIES	NOTE 2 , 3
DW2	DUGOUT STORAGE	CONC	CS	-	CMU-2	-	CMU-2	-	CMU-2	-	CMU-2	-	EXPD	-	VARIES	NOTE 2 , 3
DE1	DUGOUT STORAGE	CONC	CS	-	CMU-2	-	CMU-2	-	CMU-2	-	CMU-2	-	EXPD	-	VARIES	NOTE 2 , 3
DE2	DUGOUT STORAGE	CONC	CS	-	CMU-2	-	CMU-2	-	CMU-2	-	CMU-2	-	EXPD	-	VARIES	NOTE 2 , 3
ABBREVIA																
				PLYW		PLYWOOD										
CMU CMU-2	CONCRETE MASONRY L ARCHITECTURAL CMU	JNH		PLTW		PLIWOOD										L 1 X 4 TRIM BOARD ON WALL AT THE CEILING (AS CROWN MOLDIN O MATCH CEILING PAINT COLOR.
CONC	CONCRETE			PT-E		PAINT PAINT (EPO)	XY PAINT)							2. ARCHI	TECTURAL CMI	U, CMU-2 IS FOR ARCHITECTURAL CMU. THE DUGOUTS ARE BEING
CS	CONCRETE SEALER						/							CONS	TRUCTED WITH	ARCHITECTURAL CMU. SEE DRAWING A-101 DUGOUT FLOOR PLAN J-1 AND CMU-2 AND INFORMATION PROVIDED IN FLOOR PLAN NOTE
EPX	EPOXY COATING															A-101 ELOOR PLAN NOTES REGARDING EINISH FOR DUGOUT SPA

FEE NO.					SIZE		
	QTY.	LOCATION	DESCRIPTION	WIDTH	HEIGHT	DEPTH	
1	6	FH	LOCKERS	18"	72"	18"	
2	2	FH	LOCKER ROOM BENCH	12"	16"	36"	MOVEABLE
3	12	D	DUGOUT BENCH	7'-6"	34'-3/8"	30"	2-TIERED STY LOWER SEAT PER DUGOUT OVERALL HEI
4	4	D	DUGOUT BAT/ EQUIPMENT BIN	65"	69"	23'-3/4"	ONE (1) PER D
5	1	FH	TACK BOARD (L)	7'-3"	44"	-	
6	1	FH	BULLETIN BOARD DISPLAY CASE (L)	7'-3"	44"	-	
7	1	FH	TACK BOARD (S)	38"	44"	-	
8	1	FH	BULLETIN BOARD DISPLAY CASE (S)	38"	44"	-	

ABBREVIATIONS:

EXPD

EXPOSED

DUGOUT D FIELD HOUSE FH

NOTES:

3. DUGOUT FLOOR, SEE A-101 FLOOR PLAN NOTES REGARDING FINISH FOR DUGOUT SPACE FLOOR.

		FURNISHING AND EQUIPMENT SPECIFICATIONS
REMARKS	FEE NO.	PRODUCT
	3	DUGOUT BENCH BENCH BASIS OF DESIGN SHALL BE: ELITE BENCH, SKU ELTE, PROVIDED BY BASEBALL RACKS, OR
ABLE		APPROVED EQUAL. CONTACT : DAVE PAYTON -BASEBALL RACKS
RED STYLE WITH UPPER AND R SEATING, THREE(3) BENCHES DUGOUT, HEIGHT NOTED IS BENCH ALL HEIGHT		2908 W 99TH PLACE EVERGREEN PARK, IL 60805 CELL: 708-636-1047 FAX: 708-634-2948 DAVE@BASEBALLRACKS.COM HTTP://WWW.BASEBALLRACKS.COM
1) PER DUGOUT		BENCH SHALL HAVE: A. 2-TIERED STYLE UPPER AND LOWER LEVEL SEATING B. SPIKE RESISTANT COMPOSITE DECKING C. TREATED WOOD FRAME D. BOLT TOGETHER TO FORM ONE CONTINUOUS STRING
	4	BAT, HELMET, EQUIPMENT STORAGE BIN STORAGE UNIT BASIS OF DESIGN SHALL BE YANKEE CLIPPER, SKU YNKCL, PROVIDED BY BASEBALL RACKS, OR APPROVED EQUAL. CONTACT : DAVE PAYTON -BASEBALL RACKS 2908 W 99TH PLACE EVERGREEN PARK, IL 60805 CELL: 708-636-1047 FAX: 708-634-2948 DAVE@BASEBALLRACKS.COM HTTP://WWW.BASEBALLRACKS.COM STORAGE UNIT SHALL HAVE: A. TWELVE (12) HELMET CUBBIES; CUBBIES SHALL BE ABLE TO HOLD HELMETS WITH OR WITHOUT FACE MASKS B. TWO (2) LARGE CATCHER GEAR COMPARTMENTS C. COACH STORAGE COMPARTMENT D. BAT BOX COMPARTMENT D. BAT BOX COMPARTMENTS E. ONE PIECE CONSTRUCTION (NO ASSEMBLY REQUIRED) F. PROVIDE HARDWARE FOR ATTACHING UNIT TO DUGOUT WALL
	THE PRODUCTS SCHEDULE. SEE	E IS PROVIDED TO FURNISH PRODUCT DATA INFORMATION ON THE PRODUCTS LISTED. S CORRESPOND TO THE PRODUCTS LISTED IN THE FURNISHING AND EQUIPMENT (FFE) E APPLICABLE SPECIFICATION SECTION FOR INFORMATION ON ANY FURNISHINGS AND/OR T SPECIFICALLY LISTED IN THIS SCHEDULE.

		COLOR SCHEI	DULE	
INT AND S	TAIN COLOR			
EYNOTE	BUILDING SYSTEM	LOCATION	COLOR	REMARKS
ST	EXPOSED TRUSS	FH	NOTE 1	
ST	TONGUE / GROOVE	DO / FH	NOTE 1	
ST	EXPOSED BEAM	DO / FH	NOTE 1	
ST	WOOD POST	DO	NOTE 1	
ST	LEDGER BOARD	FH	NOTE 1	
ST	FASCIA BOARD	DO	NOTE 1	
P1	STEEL COLUMN	FH	BLACK	
P2	VERTICAL SIDING	FH	NOTE 1	
P3	VERTICAL SIDING	FH	NOTE 1	
P4	STEEL CONNECTORS AND BOLTS	DO / FH	BLACK	
	FINISH	LOCATION	COLOR	REMARKS
-	INTERIOR WALLS	FH	NOTE 1	
-	PLYWOOD CEILING	FH	NOTE 1	
-	EPOXY FLOOR	FH	NOTE 1	
-	DOOR / DOOR FRAME	FH	NOTE 1	
-	DOOR / WINDOW	FH	NOTE 1	
-	ROOF	DO / FH	NOTE 1	
-	GUTTER / DOWN	DO / FH	NOTE 1	
-	CMU - 1	DO	NOTE 1	
-	CMU - 2	DO	NOTE 1	
-	COUNTERTOPS- CONCESSIONS	FH	NOTE 1	
-	VANITY COUNTERTOP- TOILETS	FH	NOTE 1	
-	TOILET PARTITION	FH	NOTE 1	

DUGOUT DO FH ΡX ST STAIN FINISH

FIELD HOUSE PAINT FINISH

1. AS SELECTED BY ARCHITECT/ OWNER.

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SHEET OF

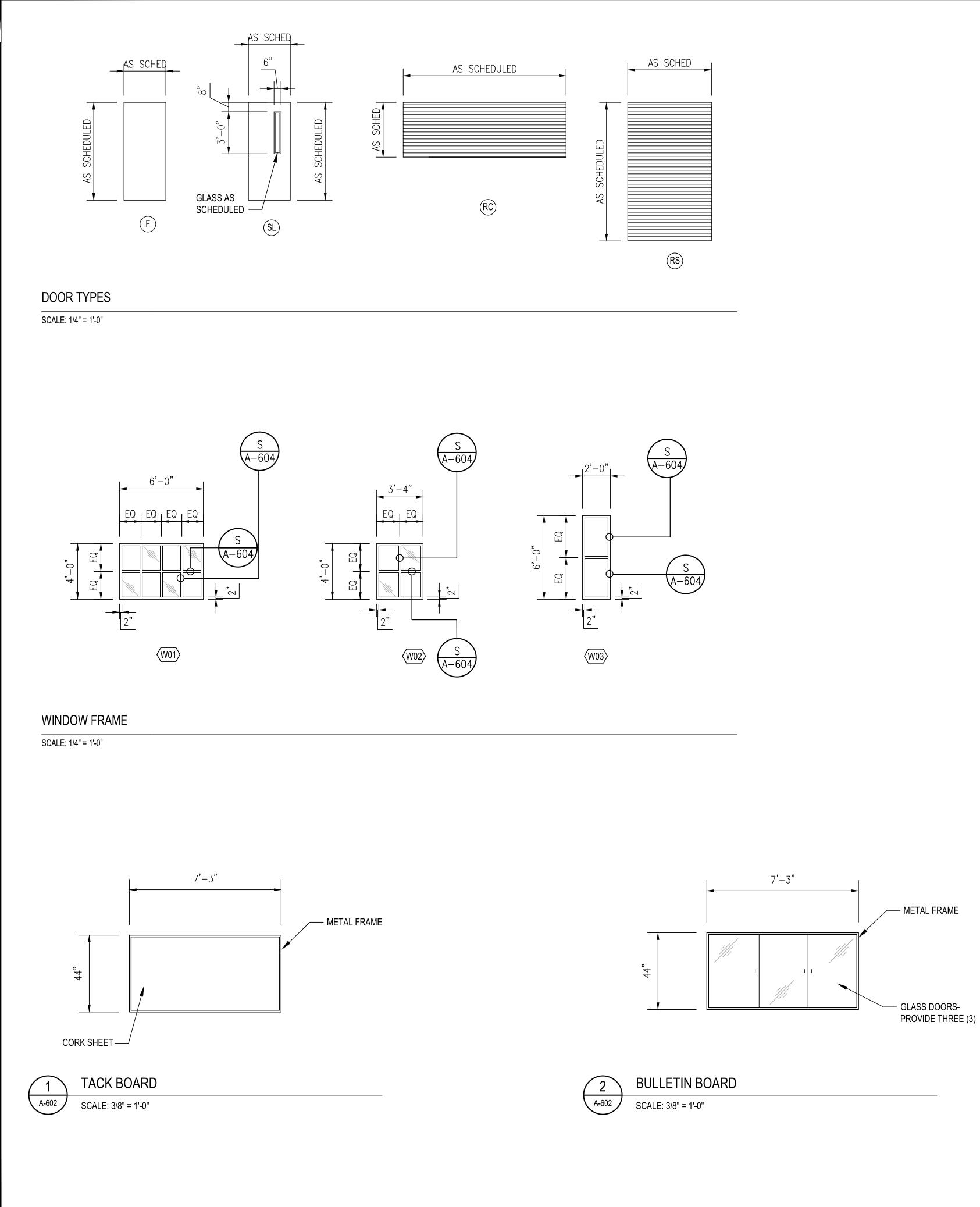
										DOOR SO	CHEDULE				
ROOM NUMBER			DOOF	R DATA				FRAME DATA			DETAIL		MISCELI	LANEOUS	REMARKS
	TYPE	WIDTH	HEIGHT	MATERIAL	FINISH	GLASS	TYPE	MATERIAL	FINISH	HEAD	JAMB	SILL	FIRE LABEL	HDW SET	
FIELDHOUSE			1												
101A	SL	3'-0"	7'-0"	НМ	PT	GL-3	1	НМ	PT	A / A-603	B / A-603	C / A-603	-	HW-01	NOTE 1
101B	SL	3'-0"	7'-0"	НМ	PT	GL-3	1	HM	PT	A / A-603	B / A-603	C / A-603	-	HW-01	NOTE 1
102	F	3'-0"	7'-0"	НМ	PT	-	1	HM	PT	D / A-603	E / A-603	F / A-603	-	HW-02	
103	F	3'-0"	7'-0"	НМ	PT	-	1	HM	PT	A / A-603	B / A-603	C / A-603	-	HW-03	
104	F	3'-0"	7'-0"	НМ	PT	-	1	HM	PT	A / A-603	B / A-603	C / A-603	-	HW-03	
105	F	3'-0"	7'-0"	НМ	PT	-	1	HM	PT	A / A-603	B / A-603	C / A-603	-	HW-04	
106	F	3'-0"	7'-0"	НМ	PT	-	1	HM	PT	A / A-603	B / A-603	C / A-603	-	HW-05	
107	F	PR 3'-0"	7'-0"	НМ	PT	-	2	HM	PT	A / A-603	B / A-603	C / A-603	-	HW-06	
108A	SL	3'-0"	7'-0"	НМ	PT	GL-3	1	HM	PT	A / A-603	B / A-603	C / A-603	-	HW-07	NOTE 1
108B	RC	12'-0"	4'-6"	STL	PT	-	3	STL	FAC	G / A-603	H / A-603	J / A-603	-	HW-08	NOTE 2
110	F	3'-0"	7'-0"	НМ	PT	-	1	HM	PT	D / A-603	E / A-603	F / A-603	-	HW-05	
111	F	3'-0"	7'-0"	НМ	PT	-	1	НМ	PT	A / A-603	B / A-603	C / A-603	-	HW-05	
112	F	3'-0"	7'-0"	НМ	PT	-	1	НМ	PT	A / A-603	B / A-603	C / A-603	-	HW-07	
113	F	3'-0"	7'-0"	НМ	PT	-	1	HM	PT	D / A-603	E / A-603	F / A-603	-	HW-09	
DUGOUT						•	•			•					
DW1	RS	6'-0"	6'-0"	STL	FAC	-	3	STL	FAC	K / A-603	L / A-603	M / A-603	-	HW-08	NOTE 2
DW2	RS	6'-0"	6'-0"	STL	FAC	-	3	STL	FAC	K / A-603	L / A-603	M / A-603	-	HW-08	NOTE 2
DE1	RS	6'-0"	6'-0"	STL	FAC	-	3	STL	FAC	K / A-603	L / A-603	M / A-603	-	HW-08	NOTE 2
DE2	RS	6'-0"	6'-0"	STL	FAC	-	3	STL	FAC	K / A-603	L / A-603	M / A-603	-	HW-08	NOTE 2
OOR TYPE D	ESIGNATIONS	:			ABBRE	EVIATIONS:									DOOR SCHEDULE NOTES:
	FLUSH	4			FAC		FACTORY/ M	ANUFACTURER	FINISH						1. GL-X. SEE GLASS SCHEDULE FOR TYPE OF GLASS SPECIFIED
L	SIDE L	LIGHT			HDW/F	łW	HARDWARE								2. HARDWARE SHALL BE PROVIDED BY ROLLING DOOR MANUFACTURER AS NOTED
С	ROLLI	NG COUNTER			HM		HOLLOW ME	TAL							IN DOOR HARDWARE SPECIFICATION SECTION.
S	ROLLI	NG SERVICE			PR		PAIR								
					PT		PAINT								
					STL		STEEL								

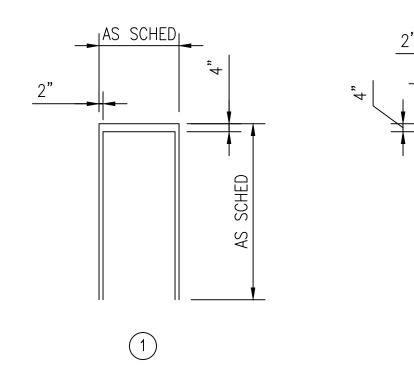
					W	INDOW SC	HEDULE		
		WINDOW DATA	4	FRAME	DATA		DETAIL		REMARKS
<wx></wx>	WIDTH	HEIGHT	GLASS	MATERIAL	FINISH	HEAD	JAMB	SILL	
01	6'-0"	4'-0"	GL-1	ALUM	FAC	N / A-604	O / A-604	P / A-604	
02	3'-4"	4'-0"	GL-1	ALUM	FAC	N / A-604	O / A-604	P / A-604	
03	2'-0"	6'-0"	GL-2	ALUM	FAC	N / A-604	-	R / A-604	NOTE 1
SCHEDULE A	BBREVIATIONS	3:							WINDOW SCHEDULE NOTES:
ALUM	ALUM	INUM							1. SEE DRAWINGS O/A-604 AND
=AC	FACT	ORY/ MANUFAC	TURER FINISH						Q/A-604 FOR JAMB DETAILS.

\frown	LOUVER SIZE		FRAME DATA		DETAIL			
< <u>lvx</u> >	WIDTH	HEIGHT	MATERIAL	FINISH	HEAD	JAMB	SILL	REMARKS
LV-1	36"	12"	STL	FAC	T / A-604	U / A-604	V / A-604	
LV-2	72"	12"	STL	FAC	T / A-604	U / A-604	V / A-604	
LV-3	12"	12"	STL	FAC	T / A-604	U / A-604	V / A-604	
HEDULE ABB	REVIATIONS:					LOUVER SCHE	DULE NOTES:	
AC FACTORY/ MANUFACTURER FINISH 1. SEE MECHANICAL DR.						CHANICAL DRAWING LOU		
TL STEEL INSTALLATION NOTES FOR WALL OPENING SIZE FOR LOUVERS.					. OPENING			

GLASS SCHEDULE						
GL-1	1" INSULATING GLAZING, CLEAR					
GL-2	1" INSULATING GLAZING, FROSTED (ACID - ETCHED)					
GL-3	1/4" GLAZING, CLEAR TEMPERED					

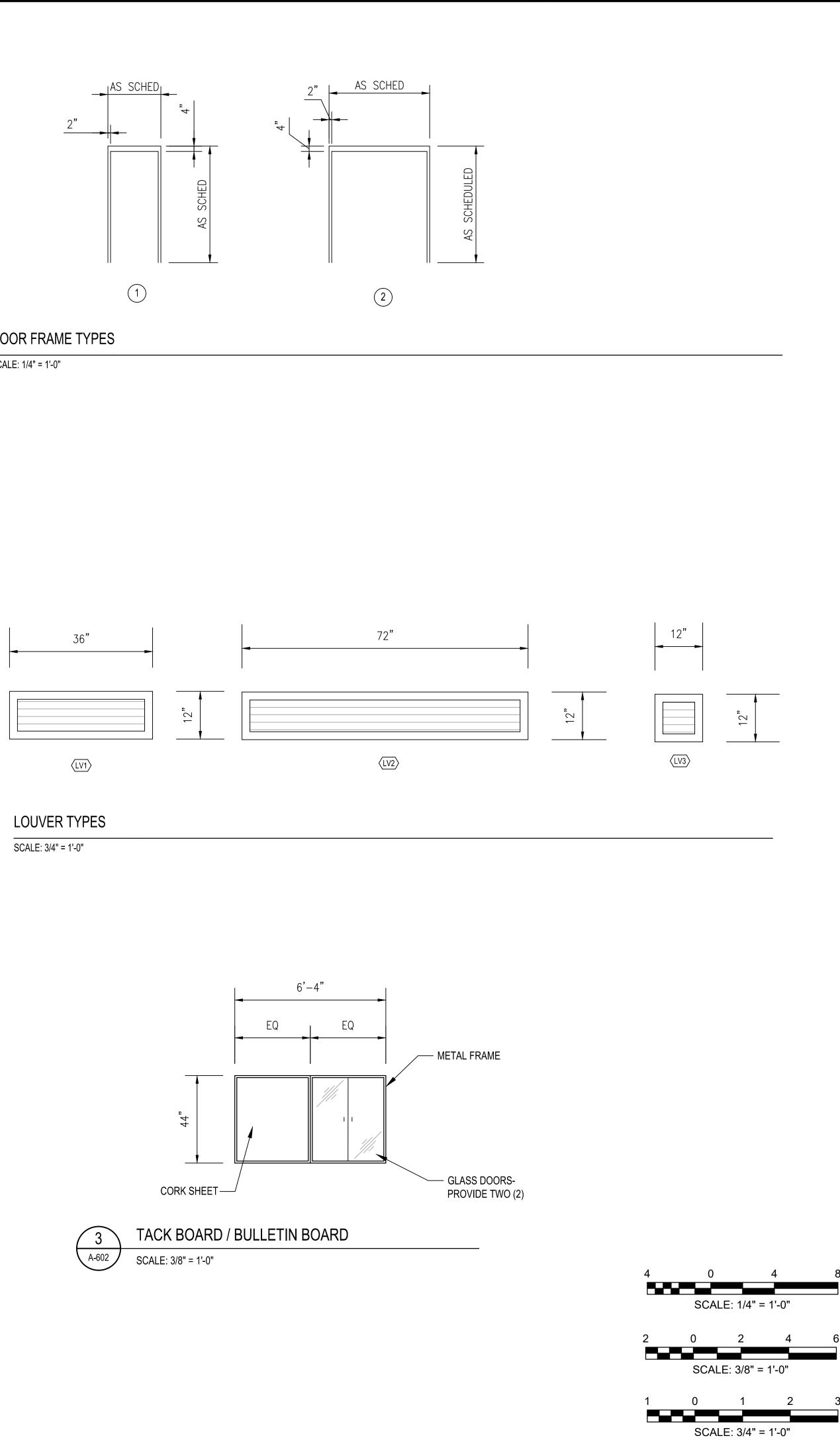
		Robert and Company	Engineers, Architects, Planners	229 Peachtree Street, N.E. International Tower	Suite 2000. Atlanta, Georgia 30303-1629 404 577-4000 FAX: 404 577-7119		
					ENGINEEDING & CONSTRIICTION		L.000.100.0001 L.110.211.10.200 WWW.SKAIIIIE-EC.COII
PRICING SET	ADDENDUM #1	ADDENDUM #3			BUILDING PLAN REVIEW		REVISION
04-13-2017 MDC	04-26-2017 MDC	V 05-05-2017 MDC			06-21-2017 MDC		SYMBOL DATE BY
CITY OF SEAL COF GE			ALARMER ANALY CHARMER		BASFBALL FACILITIES AT MUSE C.		
DESIGNED DRAWN CHE	AH IS AH					OPENING SCHEDULES	

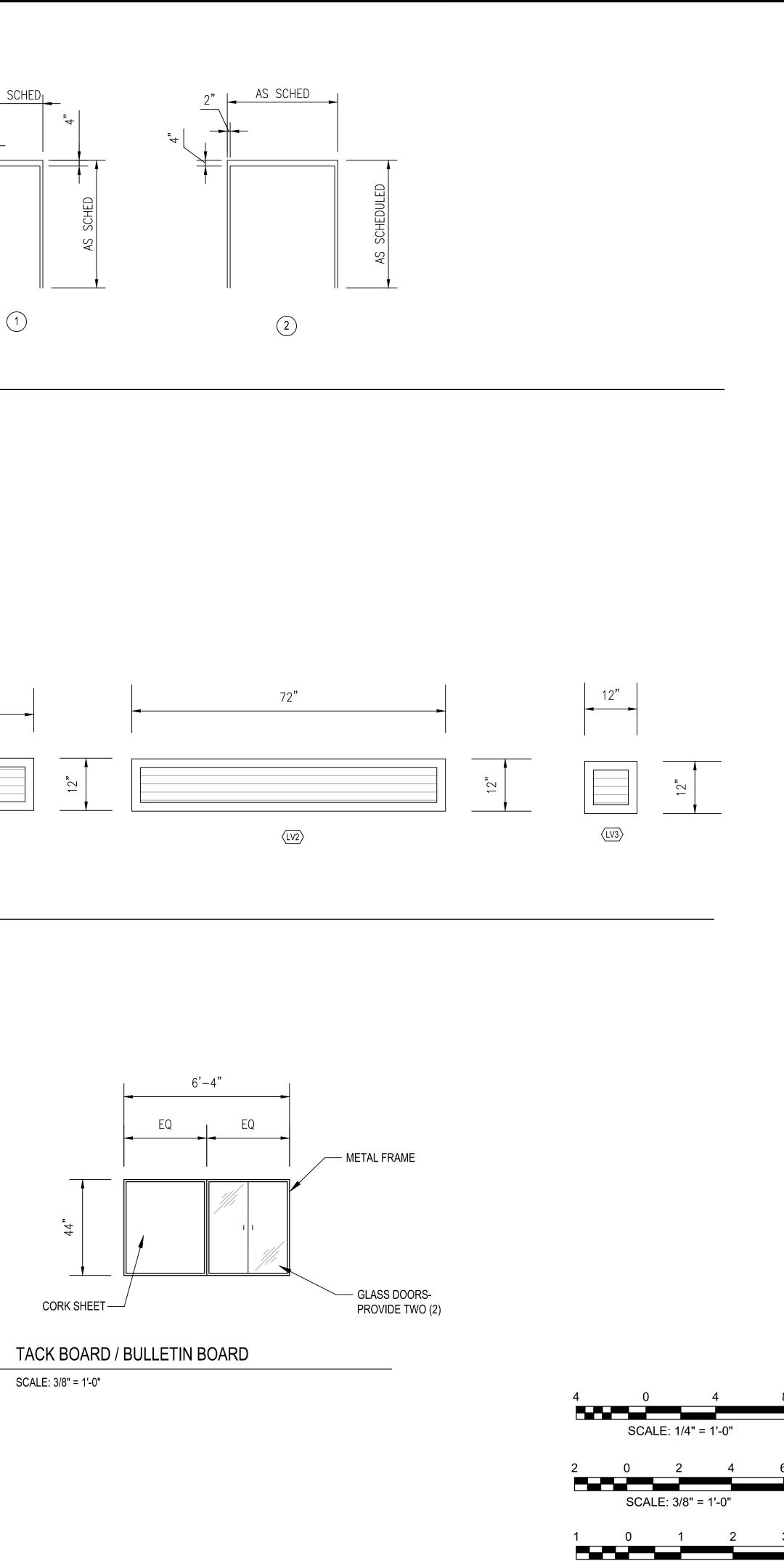


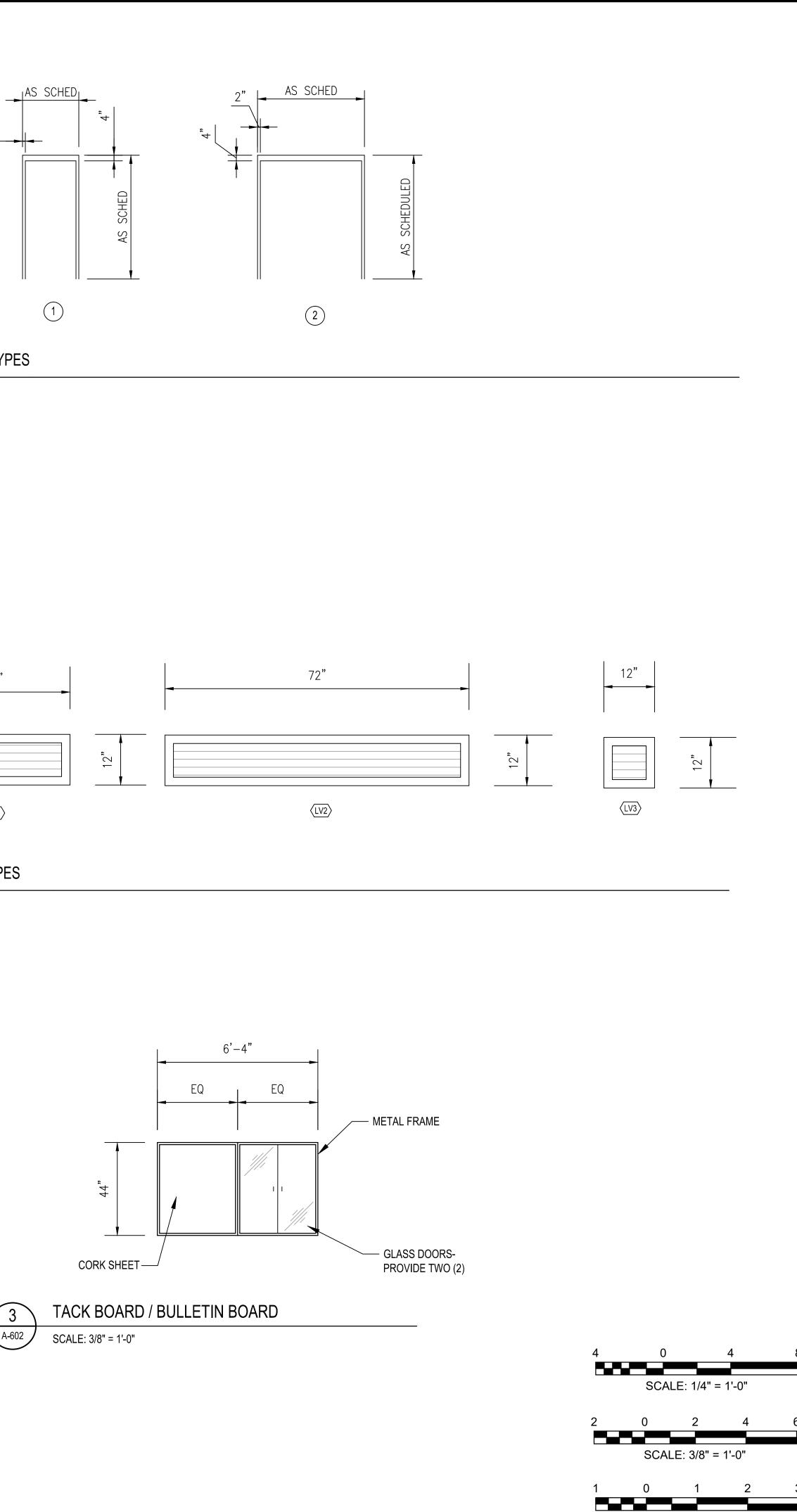


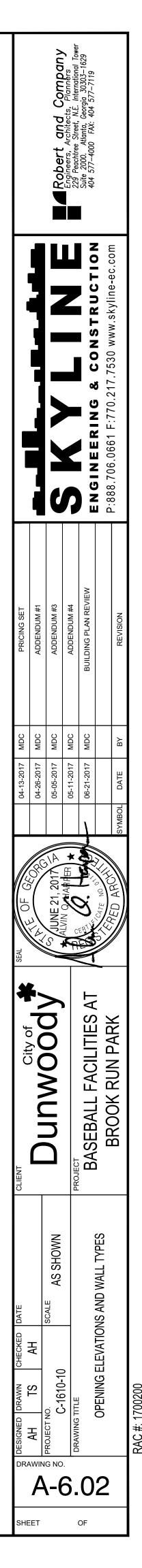


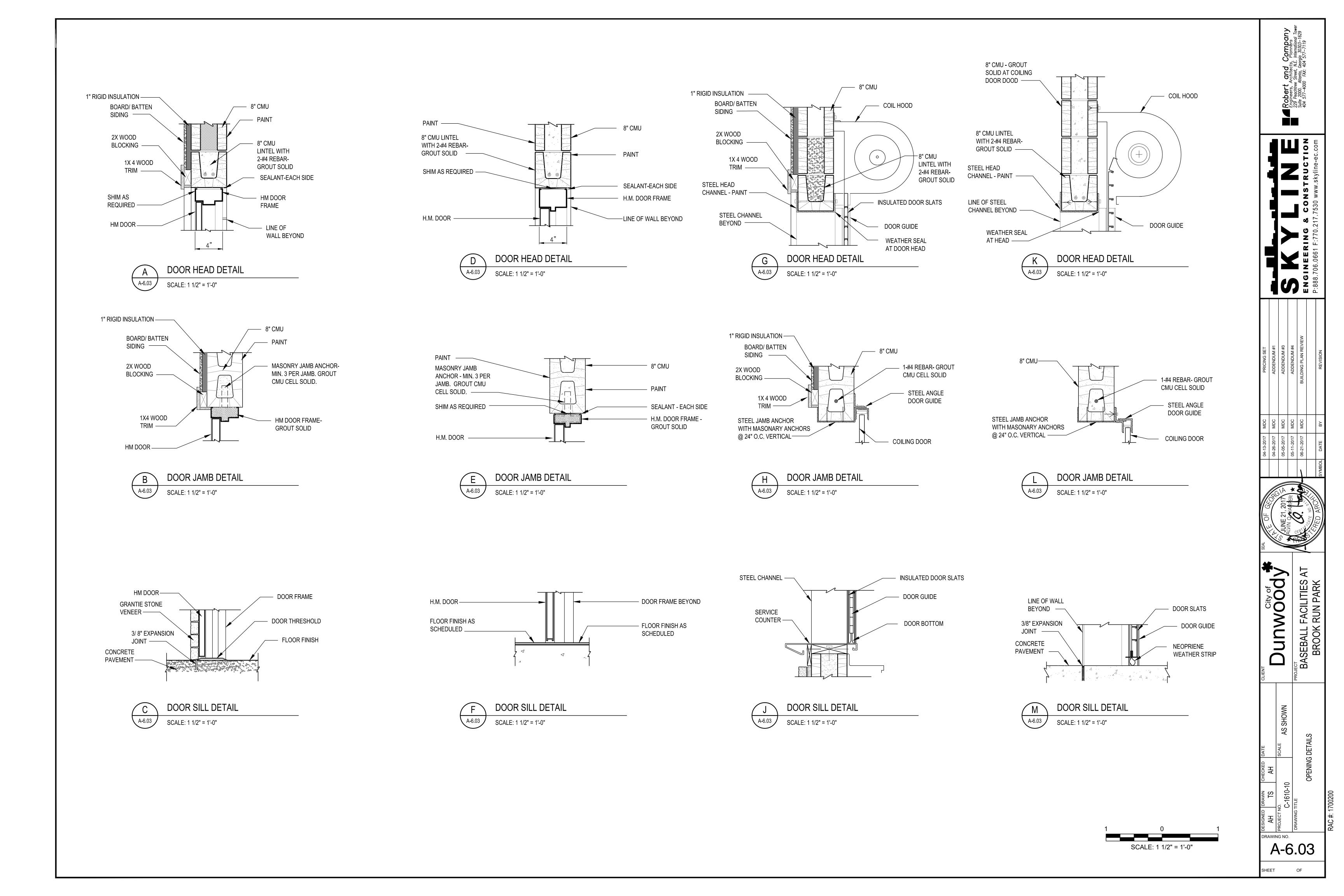
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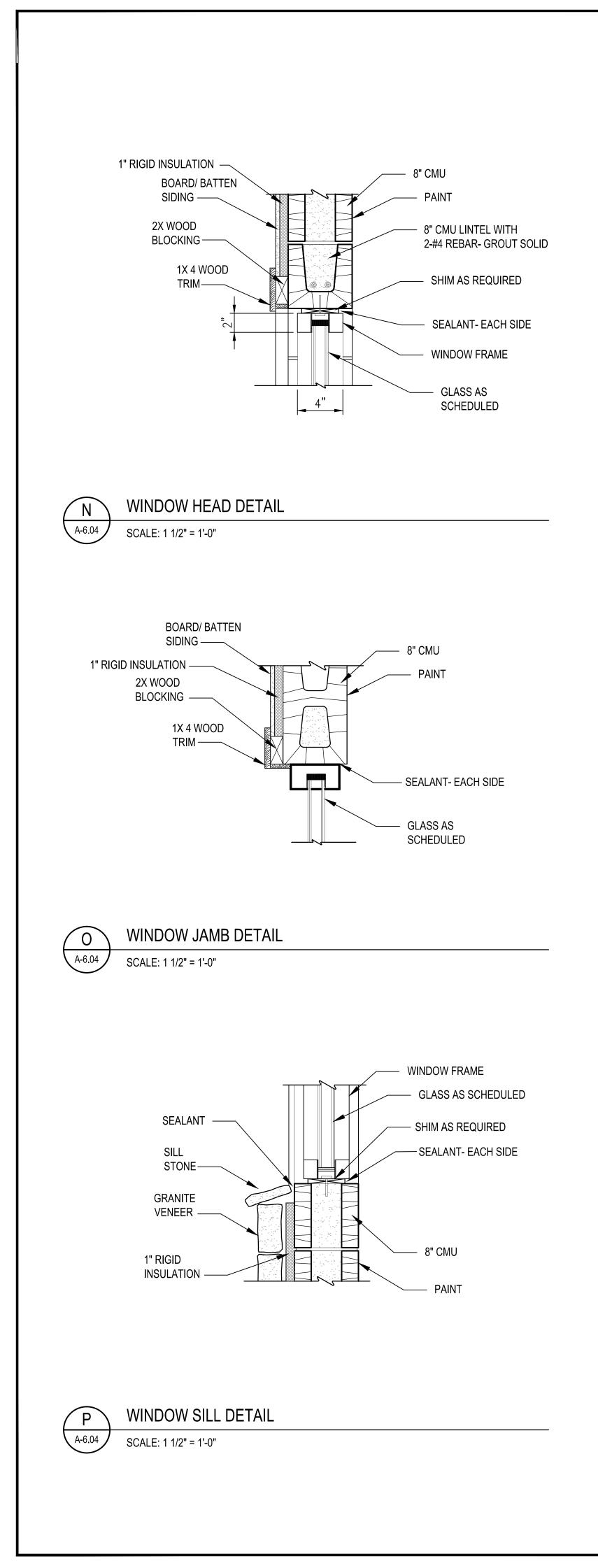


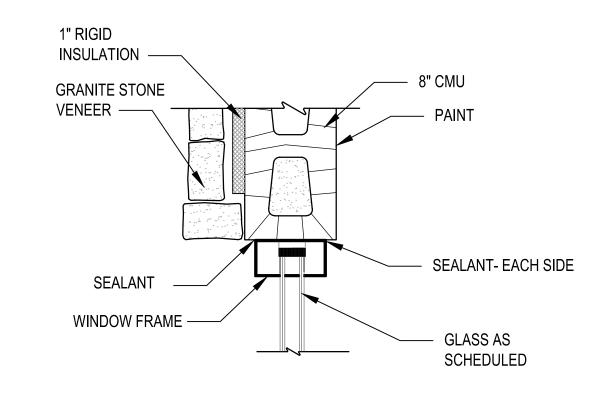








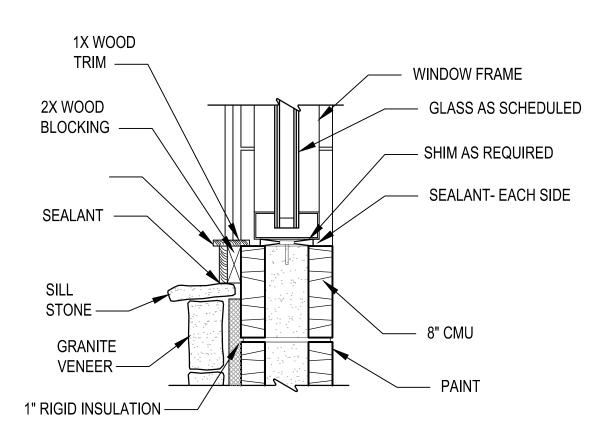






WINDOW JAMB DETAIL

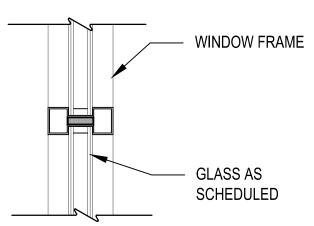
SCALE: 1 1/2" = 1'-0"





WINDOW SILL DETAIL

SCALE: 1 1/2" = 1'-0"

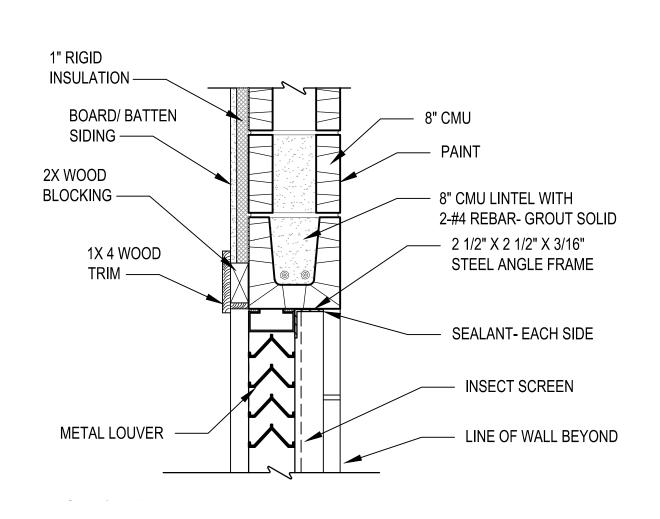


WINDOW MULLION / MUTIN DETAIL

SCALE: 1 1/2" = 1'-0"

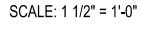
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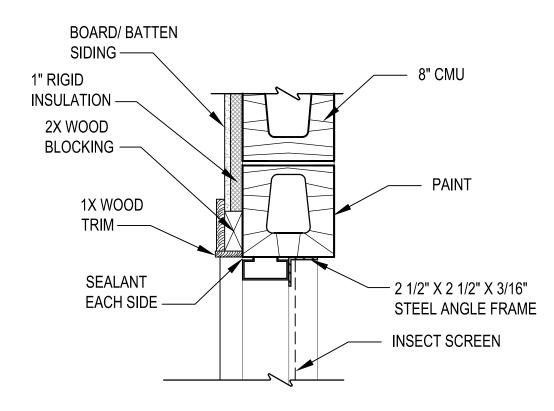
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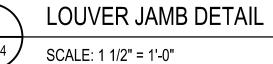


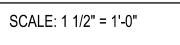


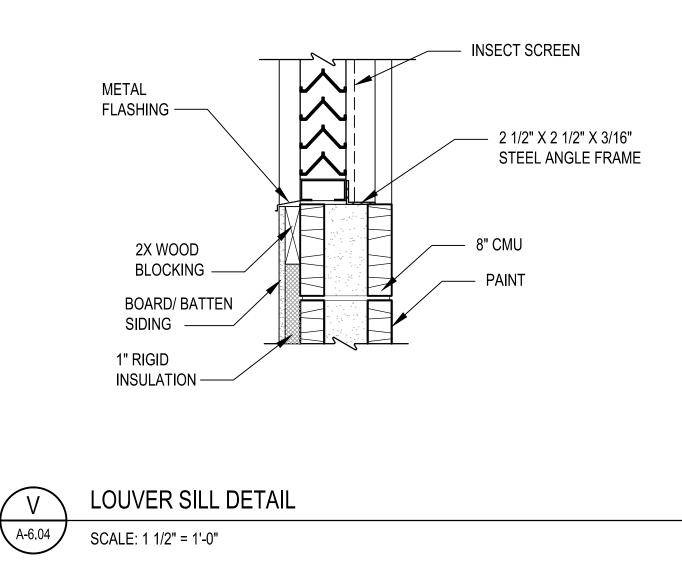




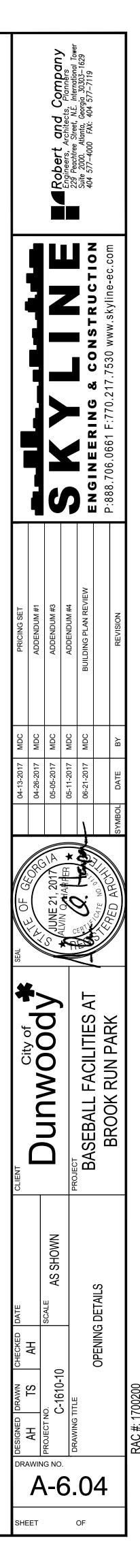


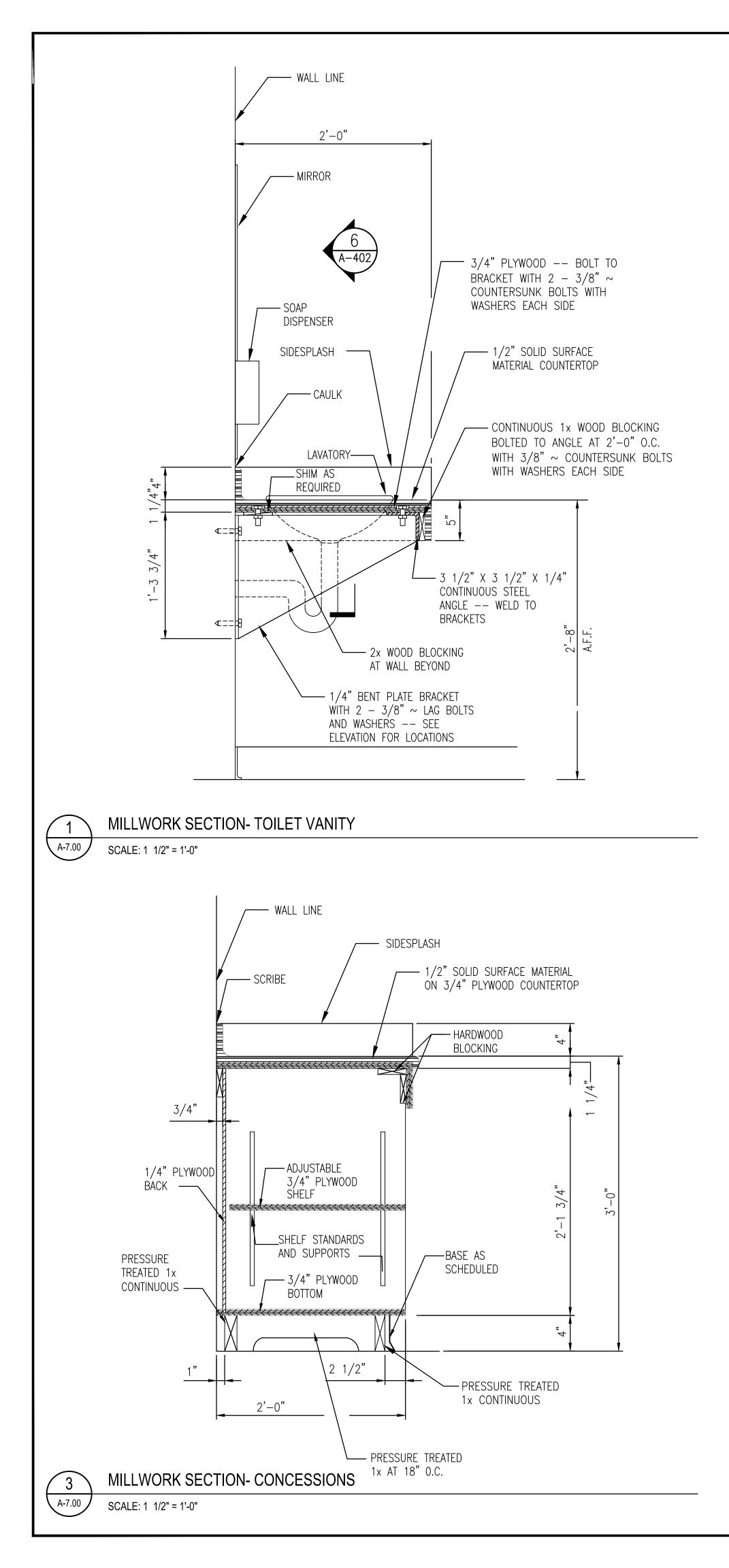


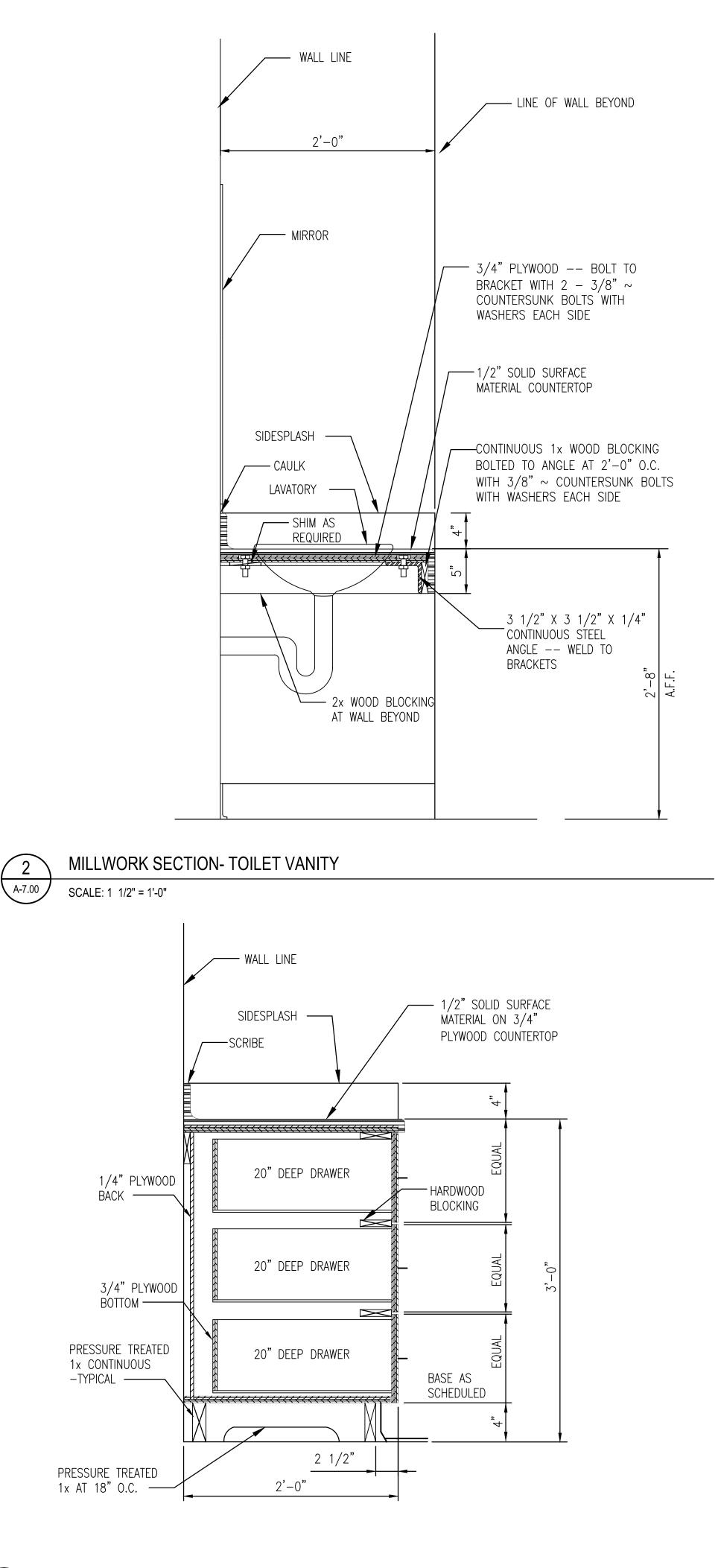




SCALE: 1 1/2" = 1'-0"







MILLWORK SECTION- CONCESSIONS

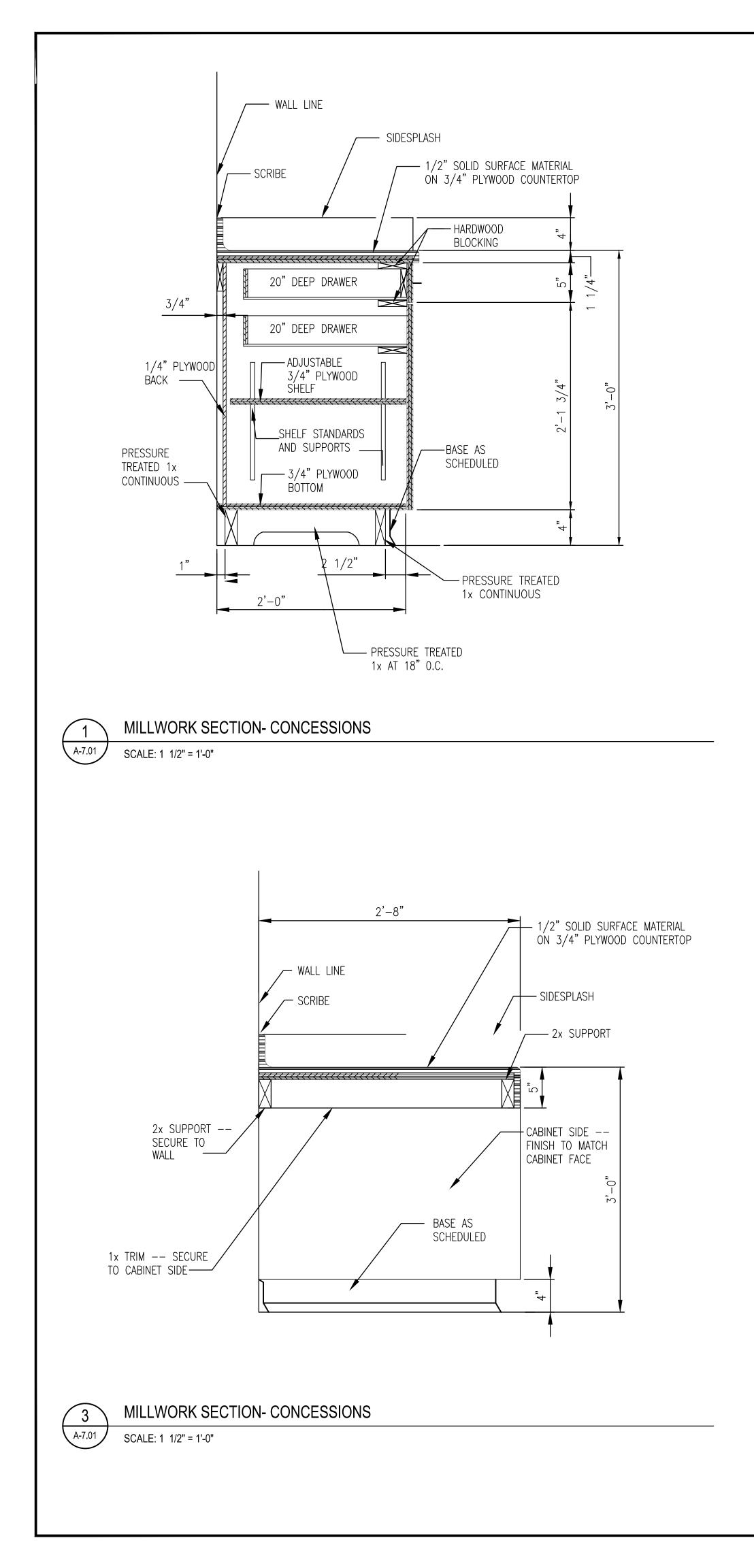
SCALE: 1 1/2" = 1'-0"

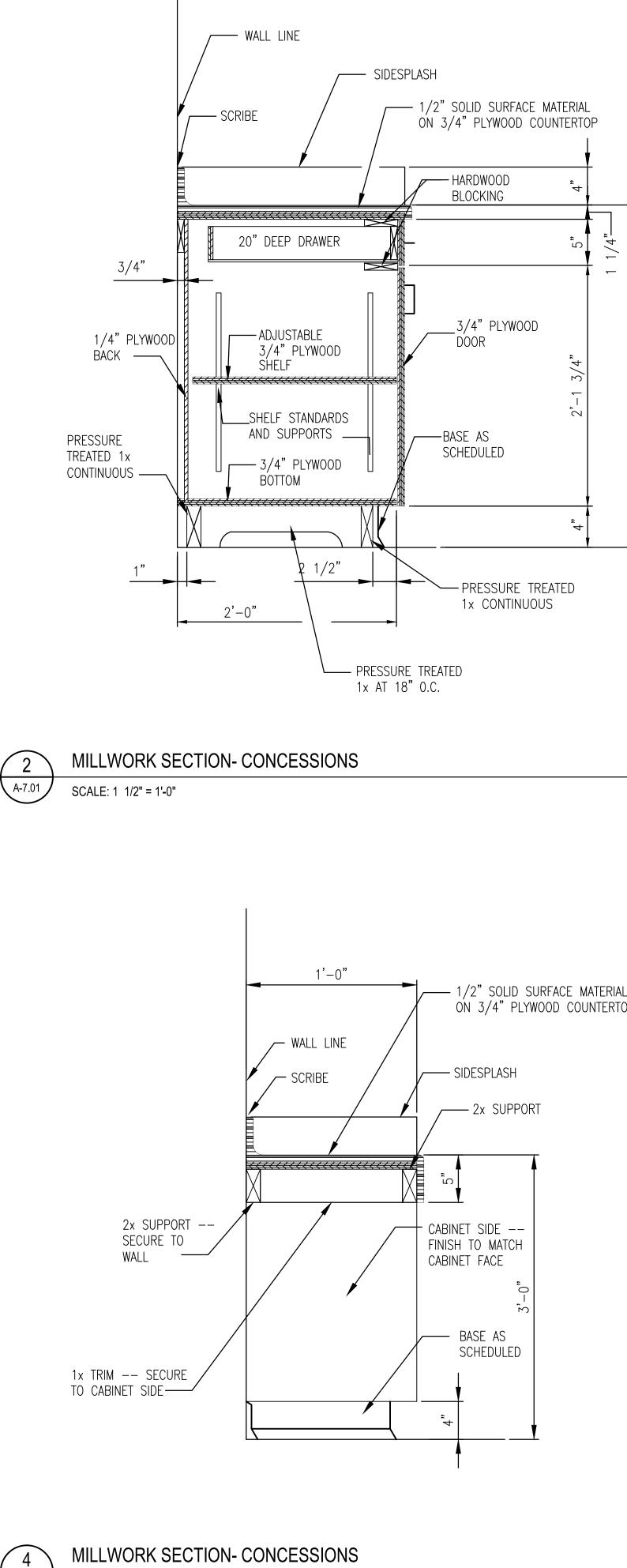
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A-7.00

		Robert and C	Engineers, Architects, Pla	229 Peachtree Street, N.E. Inter	Suite 2000. Atlanto, Georgia 30303-1629 404 577-4000 FAX: 404 577-7119		
							L.000.100.000.1 1.1.0.2.1.1.0.0 WWW.SNJIIIE-EC.COIII
PRICING SET	ADDENDUM #1	ADDENDUM #3			BUILDING PLAN REVIEW		REVISION
04-13-2017 MDC	04-26-2017 MDC	05-05-2017 MDC	05 11 2017 MDC		06-21-2017 MDC		SYMBOL DATE BY
SEAL RE OF GR		100 JUNE 21, 2017 5				ON CATE NO. O. Y.	SYM SYM
				PROJECT	BASFBALL FACILITIES AT		
DESIGNED DRAWN CHI	AH IS AH	B PROJECT NO. SCALE SCALE AS SHOWN		DRAWING TITLE		MILLWORK SECTIONS	

SCALE: 1 1/2" = 1'-0"

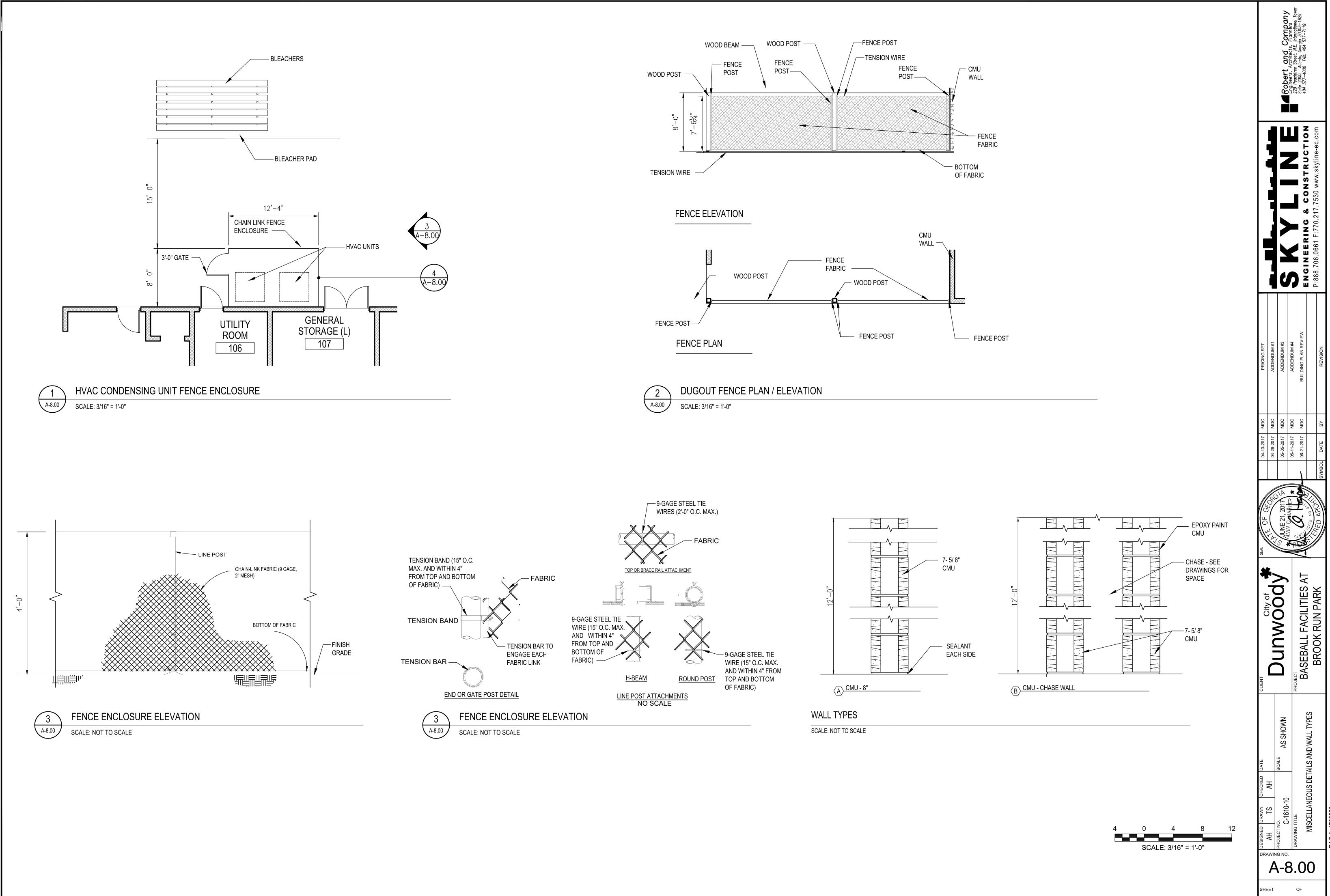




SCALE: 1 1/2" = 1'-0"

A-7.01

			Robert and Company	Engineers, Architects, Planners 229 Peachtree Street N.F. International Tower	Suite 2000. Atlanta, Georgia 30303-1629 404 577-4000 FAX: 404 577-7119		
3-0 ₋					ENGINEERING & CONSTRUCTION	= 770 217	
	PRICING SET	ADDENDUM #1	ADDENDUM #3	ADDENDUM #4	BUILDING PLAN REVIEW	DEVISION	REVISION
	OF G		E 21, 20		C 1-2017 MDC	PED ARCHINE RAMBOIL DATE BV	_
	SEAL				BASEBALL FACILITIES AT	BROOK RUN PARK	
	DESIGNED DRAWN CHECKED DATE	AN AN	PROJECT NO. SCALE AS SHOWN	_		MILLWORK SECTIONS	RAC #: 1700200
	DRA	A	G NC	⁾ . 7.	0F	1	



GENERAL NOTES

- 1. THE STRUCTURE IS STABLE ONLY IN ITS COMPLETED STATE. TEMPORARY SUPPORTS, SUCH AS TEMPORARY GUYS, BRACES, FALSE WORK, CRIBBING OR OTHER ELEMENTS REQUIRED TO STABILIZE THE STRUCTURE, DURING THE CONSTRUCTION, UNDER ALL LOADING CONDITIONS SHALL BE DESIGNED, FURNISHED, AND INSTALLED BY THE CONTRACTOR.
- 2. THE STRUCTURE IS DESIGNED IN ACCORDANCE WITH THE INTERNATIONAL BUILDING CODE IBC 2012.
- 3. ALL MATERIAL, WORKMANSHIP, DESIGN AND REVIEW SHALL CONFORM TO ALL CURRENT APPLICABLE BUILDING CODES.
- 4. STRUCTURAL DESIGN PARAMETERS ARE AS FOLLOWS:

SLAB ON GRADE = 100 PSF	
ROOF LOADS: DEAD LOAD = STRUCTURE WEIGHT LIVE LOAD = 20 PSF (NO LIVE LOAD REDUCTION) OTHER LOADS = MECHANICAL+ELECTRICAL+PIPING (ACTUAL LOADS BUT NOT LESS THAN 10 PSF)	
SNOW LOADS:GROUND SNOW LOAD,Pf = 5 PSFEXPOSURE FACTOR,Ce = 1.0THERMAL FACTOR,Cf = 1.1IMPORTANCE FACTOR,i = 1.2	
WIND LOADS: WIND SPEED = 115 MPH PER ASCE 7-10 (ULTIMATE) EXPOSURE CATEGORY = C RISK CATEGORY = II	
SEISMIC LOADS PER ASCE 7.10 AND GEOTECH REPORT Ss = 0.198g SDS = 0.211g S1 = 0.092g SD1 = 0.148g SITE CLASS = D SEISMIC DESIGN CATEGORY = B SEISMIC IMPORTANCE FACTOR = 1.00 BUILDING LATERAL LOAD RESISTING SYSTEM = ORDINARY MASONRY SHEA (Cs = 0.11)	AR WALLS

- THE GENERAL CONTRACTOR IS RESPONSIBLE FOR THE COORDINATION OF ALL TRADES WITH THE STRUCTURAL CONTRACT DOCUMENTS. REFER TO MECHANICAL, ELECTRICAL AND PLUMBING DRAWINGS FOR INSERTS, SLEEVES, CURBS, PADS, SLAB DEPRESSIONS ETC., AFFECTING STRUCTURAL WORK NOT INDICATED ON STRUCTURAL DRAWINGS, THE ARCHITECT/ENGINEER SHOULD BE NOTIFIED OF ANY CONFLICTS OR OMISSIONS WITH OTHER TRADES PRIOR TO EXECUTING WORK.
- 6. MAJOR OPENINGS ARE SHOWN ON PLAN. SEE ARCHITECTURAL, MECHANICAL, ELECTRICAL, AND CIVIL DRAWINGS FOR ADDITIONAL OPENINGS NOT SHOWN.
- 7. DETAILS SHOWN ON DRAWINGS ARE GENERAL IN NATURE AND MAY OR MAY NOT SHOW ALL PERTINENT INFORMATION FOR FABRICATION; REFER TO SPECIFIC SECTIONS FOR ADDITIONAL INFORMATION. SECTIONS SHOWN ON DRAWINGS ARE SPECIFIC IN NATURE AND APPLY AT ALL SIMILAR CONDITIONS UNLESS NOTED OTHERWISE.

FOUNDATIONS

- 1. SOIL INFORMATION, INCLUDING SITE PREPARATION, FOUNDATION SOIL PREPARATION/ FILLS COMPACTION SHALL BE IN ACCORDANCE WITH "REPORT OF SUBSURFACE EXPLORATION AND GEOTECHNICAL ENGINEERING EVALUATION" PREPARED BY GEO HYDRO ENGINEERS, KENNESAW, GA 30144 - PROJECT NO: 1701114.20, DATED FEBRUARY 16, 2017.
- 2. ALLOWABLE NET SOIL BEARING PRESSURE AT THE BOTTOM OF EACH FOUNDATION IS LIMITED TO 2000 PSF.
- 3. ALL FOUNDATION WORK SHALL BE INSPECTED AND APPROVED BY A REGISTERED SOILS ENGINEER OR THEIR REPRESENTATIVE PRIOR TO PLACEMENT OF CONCRETE.

REINFORCED CONCRETE

- STRUCTURAL CONCRETE.
- OTHERWISE.
- CRSI. MANUAL OF STANDARD PRACTICE.

- AT 28 DAYS (NORMAL WEIGHT).
- SHALL BE AS FOLLOWS: FORMED CONCRETE EXPOSED TO EARTH OR WEATHER ------2" INTERIOR SLABS, WALLS ------3/4"
- SHEAR KEYS SHALL BE 1/3 WIDTH OF WALL.

	LAP SPLICE LENGTH										
	BAR SIZE	BAR DIA (in)	TOP BAR (in)	OTHER (in)							
┝	#3	3%8	24"	18"							
┢	#4		32"	25"							
┢	#5	1/2 5/8	40"	31"							
┝	#5	78 37	48"	37"							
L	#0	74		51							

- NOTES
- MINIMUM UNLESS OTHERWISE NOTED.
- C.

- OF ACI 318-14.

PRE-ENGINEERED WOOD TRUSSES

- THE GENERAL NOTES SHOWN ON DRAWINGS.
- ADDITIONAL REQUIREMENTS.

1. ALL CONCRETE CONSTRUCTION SHALL CONFORM TO ACI 301, SPECIFICATIONS FOR STRUCTURAL CONCRETE AND ACI 318, BUILDING CODE REQUIREMENTS FOR

2. REINFORCING STEEL SHALL CONFORM TO ASTM A615, GRADE 60, UNLESS NOTED

ALL REINFORCING DETAILS AND BAR SUPPORTS SHALL MEET ACI 315, MANUAL OF STANDARDS PRACTICE FOR DETAILING REINFORCED CONCRETE STRUCTURE AND

4. SHOP DRAWINGS SHALL BE SUBMITTED INDICATING ALL PERTINENT DIMENSIONS AND LOCATION FOR PROPER PLACING OF ALL REINFORCING STEEL AND BAR SUPPORTS. NO FABRICATION SHALL BEGIN UNTIL SHOP DRAWINGS ARE COMPLETED, REVIEWED AND APPROVED BY THE ENGINEER.

5. UNLESS NOTED OTHERWISE, ALL REBAR SPLICES NOT CALLED OUT FOR IN CONTRACT DOCUMENTS, REINFORCING LABELED CONTINUOUS, AND TEMPERATURE REINFORCING SHALL HAVE 40 BAR DIAMETER LONG LAP DIMENSION.

6. ALL CAST-IN-PLACE CONCRETE SHALL HAVE MIN. 4000 PSI COMPRESSIVE STRENGTH

UNLESS NOTED OTHERWISE, MINIMUM CONCRETE COVER FOR REINFORCEMENT

CONCRETE CAST AGAINST EARTH ------3"

8. UNLESS NOTED OTHERWISE LONGITUDINAL REINFORCING IN FOOTINGS SHALL BE PLACED CONTINUOUS AT CORNERS AND INTERSECTIONS.

9. CONSTRUCTION JOINTS SHALL FALL IN AT CONTROL JOINTS AND SHALL BE KEYED.

a. LAP SPLICE LENGTH FOR REINFORCED CONCRETE

NOT ALL BAR SIZES ARE INCLUDED IN PROJECT

TOP BARS ARE HORIZONTAL BARS SO PLACED THAT MORE THAN 12" OF FRESH CONCRETE IS CAST IN THE MEMBER BELOW THE SPLICE.

e. THERE IS SUFFICIENT CLEARANCE AND SPACING PER SECTION 25.4.2.2

TRUSSES SHALL BE DESIGNED AND INSTALLED PER SPECIFICATION REQUIREMENTS AND THE IBC 2012. THE LOADS SHALL BE CALCULATED PER ASCE 7-10, IBC 2012 AND

2. WOOD BUILDING SHALL BE CONSIDERED "PARTIALLY OPEN" AND EACH TRUSS SHALL BE DESIGNED FOR MAXIMUM UPLIFT AND DOWNWARD WIND FORCES PER ASCE 7-10. HOWEVER MINIMUM UPLIFT WIND PRESSURE SHALL NOT BE LESS THAN 25 PSF AND MINIMUM DOWNWARD WIND PRESSURE SHALL NOT BE LESS THAN 15 PSF

3. REFER TO SPECIFICATION SECTION 061753 "SHOP FABRICATED WOOD TRUSSES" FOR

WOOD NOTES

- SAWN WOOD MEMBERS SHALL BE SOUTHERN PINE (U.N.O.) CONFORMED TO THE IBC 2012 AS AMENDED BY GEORGIA STATE, ALL CONNECTORS SHALL BE GALVANIZED SIMPSON STRONG TIE OR EQUAL.
- 2. WOOD GRADE SHALL BE AS INDICATED IN SPECIFICATION SECTIONS 061800, 061753 AND 061323.
- SILL PLATES BEARING ON CONCRETE OR MASONRY SHALL BE PRESSURE TREATED AND HAVE ANCHOR BOLTS 1/2"Ø SPACED NO MORE THAN 2'-0", EMBEDDED INTO CONCRETE OR MASONRY, PLACED A MINIMUM OF 5" AND MAXIMUM OF 12" FROM EACH END. CONTRACTOR AND TRUSS FABRICATOR SHALL COORDINATE TO ELIMINATE ANCHOR BOLT AND TRUSS INTERFERENCES.
- PROVIDE COLUMN CAPS WELDED (AND/OR BOLTED) AT THE TOP OF EXTERIOR COLUMNS TO SUPPORT WOOD BEAMS AND TRUSSES SIMILAR TO SIMPSON STRONG TIE COMBINATION OF TYPE CCO.
- PROVIDE WIND UPLIFT TIES FOR EACH TRUSS TO PLATE CONNECTION AT THE ROOF (MINIMUM 1500 lbs/TRUSS).
- ROOF- WOOD STRUCTURAL PANELS LONG DIMENSION PERPENDICULAR TO 6 SUPPORT :

PREFERRED: APA RATED 32/16, STRUCTURAL-I-FLOOR, USE 5/8 THICK (MINIMUM) FASTENERS AT 6 INCHES MAXIMUM SPACING PER TABLE 2306.3.1 OF IBC 2012 INTO 2 INCHES WIDE WOOD SUPPORTS SPACED MAXIMUM 24 INCHES.

OPTIONAL: OTHER GRADES ROOF PANELS COVERED IN DOC PS 1 AND PS 2 OF IBC 2006 TABLE 2306.3.1, USE 3/4 THICK (MINIMUM) FASTENERS AT 6 INCHES MAXIMUM SPACING PER TABLE 2306.3.1 OF IBC 2012 INTO 2 INCHES WIDE WOOD SUPPORTS SPACED MAXIMUM 24 INCHES.

AT THE BUILDING EXTERIOR ROOF TONGUE & GROOVE DECK WILL BE FASTENED TO $5\frac{1}{8}$ " X $5\frac{1}{8}$ " WOOD JOISTS AT 6" SPACING. WOOD PANELS WILL BE FASTENED TO TONGUE & GROOVE WOOD DECK SUCH THAT THERE WILL BE NO EXPOSED PENETRATING FASTENERS.

MASONRY

- MATERIALS, TESTING OF MATERIALS AND STORAGE OF MATERIALS SHALL CONFORM TO ACI STANDARD "SPECIFICATION FOR CONCRETE MASONRY CONSTRUCTION (ACI 531).
- REQUIRED 28 DAY COMPRESSIVE STRENGTH OF CONCRETE MASONRY UNITS SHALL BE 1500 PSI MINIMUM, MORTAR STRENGTH SHALL BE TYPE S ABOVE GRADE AND TYPE M BELOW THE TOP OF SLAB AND THEY SHALL BE FULLY GROUTED.
- 3. REINFORCEMENT SPLICES. WHERE REQUIRED. SHALL BE NOT LESS THAN 48 BAR DIAMETERS.
- 4. SPLICE (LAP) WHERE ALLOWED ON DRAWINGS: SEE TABLE BELOW OR 24", WHICHEVER IS GREATER.

REINFORCEMENT LAP SPLICE LENGTH									
	MASONRY F'm = 1500 psi								
BAR	BAR BAR 1 BAR CELL 2 BAR CELL								
SIZE	DIA (in)	6" AND 8" CMU	12" CMU	6" AND 8" CMU	12" CMU				
#3	3⁄8	24"	24"	24"	24"				
#4	1_{2}	25"	25"	31"	31"				
#5	5⁄8	31"	31"	48"	48"				
#6	3⁄4	57"	57" 52" 95" 9						

NOTES

a. TYPICAL UNLESS OTHERWISE NOTED.

b. FOR F'm = 2000psi, REDUCE LAP LENGTHS BY 15%.

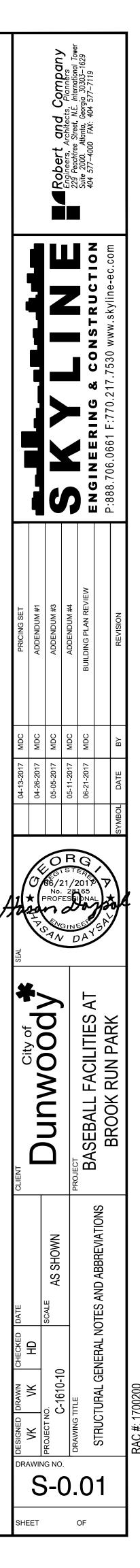
MIN. LENGTH MUST BE > 24"

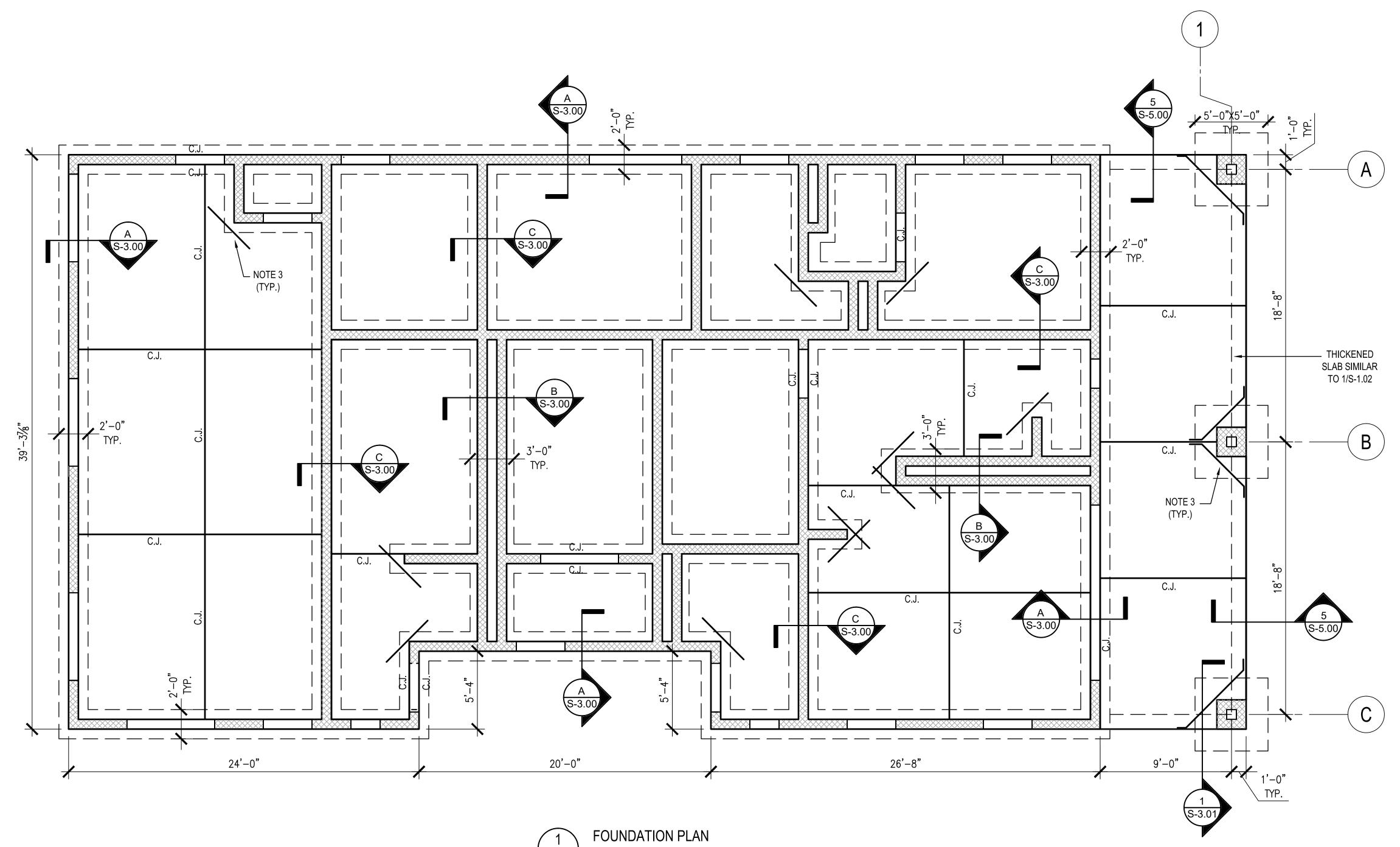
STRUCTURAL ABBREVIATIONS

A.B. ADD'L A.F.F. ARCH.	-	ADDITIONAL ABOVE FINISH FLOOR	MAX. MECH. MIN. MPH	- - -	MAXIMUM MECHANICAL MINIMUM MILES PER HOUR
BLDG. B. BOT. B/W	- - -	BOLT	osf opng. opp. hd. p.m.j.f.	- -	OUTSIDE FACE OPENING OPPOSITE HAND PREMOLDED JOINT FILLER
C.C. C.J.	-	CENTER TO CENTER CONTROL JOINT	P.M.J.F. PVC		PREMOLDED JOINT FILLER
CLR. C.M.U. COL.	-	CLEAR	REINF. REQ'D	-	REINFORCING REQUIRED
CONC. CONT.			SECT. SHT. SIM.	-	SECTION SHEET SIMILAR
DIA. DN	-		SYMM	-	SYMMETRY
DWGS.	-		TEMP. T/	-	TEMPERATURE TOP OF
EA. EL.	-	EACH ELEVATION	T/S TYP.	-	TOP OF STEEL TYPICAL
EQ. ELEC.	-	EQUAL ELECTRICAL	Т	-	THICKNESS OF SLAB
EXIST. EXP.	-	EXISTING EXPANSION	U.N.O	-	UNLESS NOTED OTHERWISE
FT FTG.	-	FOOT FOOTING	VERT.	-	VERTICAL
GALV.	-	GALVANIZED	W/ W.W.F.	-	WITH WELDED WIRE FABRIC
HORIZ.	-	HORIZONTAL			

LBS - POUNDS LG. - LONG L.L.H. - LONG LEG HORIZONTAL

L.L.V. - LONG LEG VERTICAL





SCALE: 1/4" = 1'-0"

S-1.00

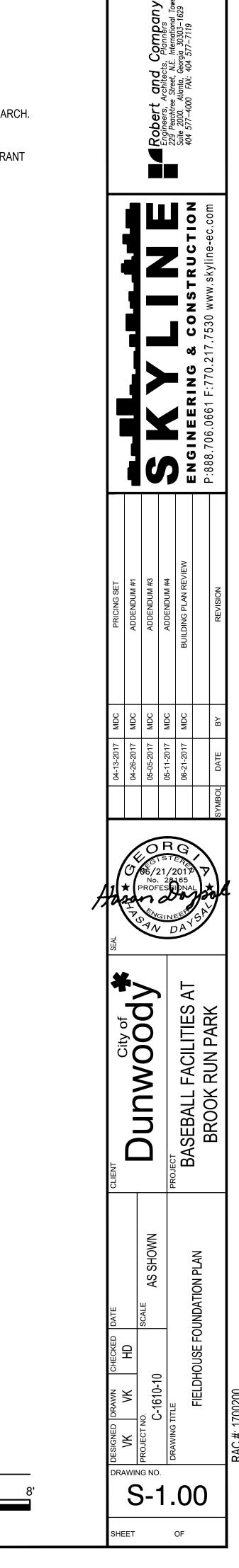
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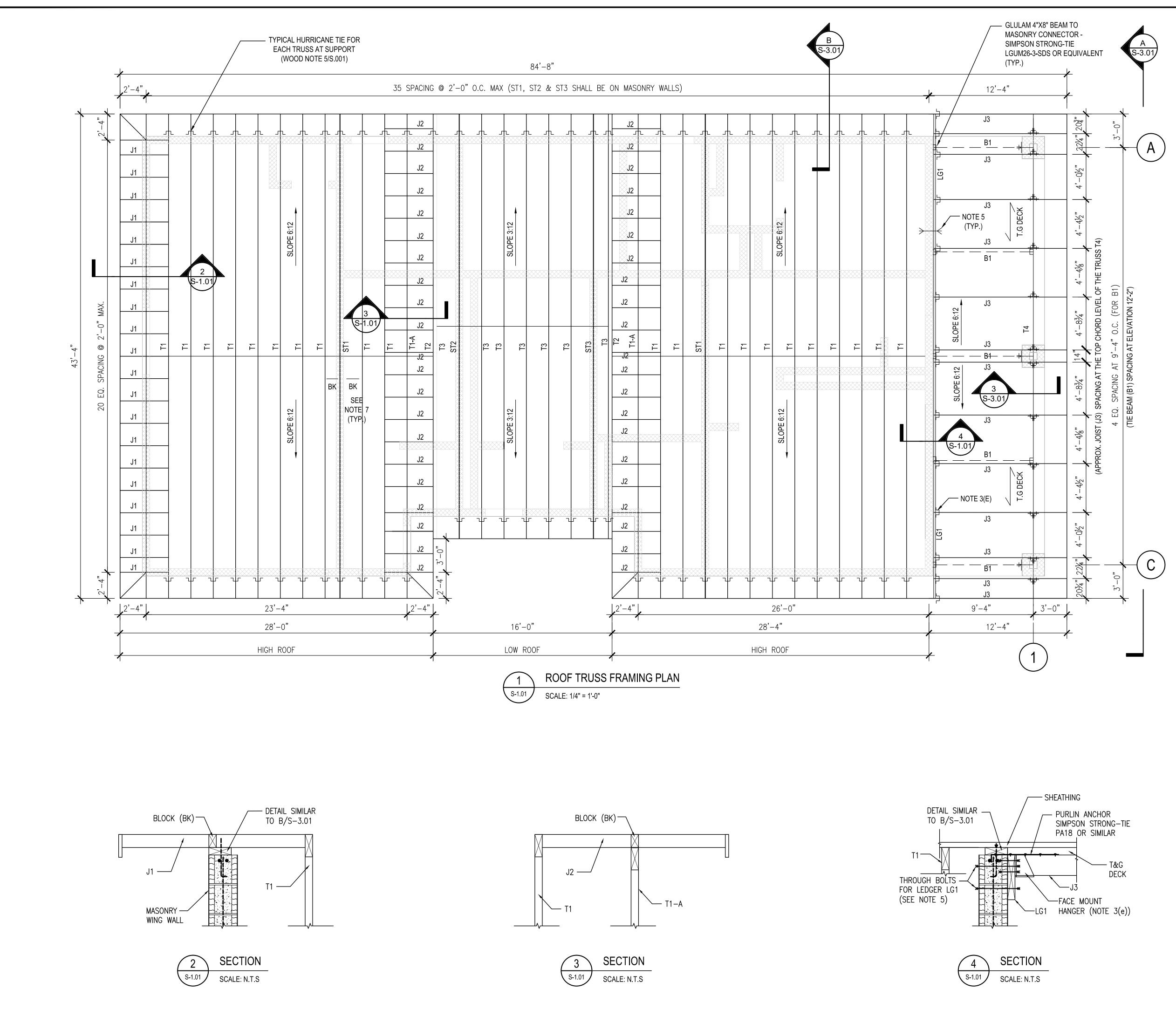
- 1. SEE GENERAL NOTES ON S-0.01.
- 2. COORDINATE LOCATION ON INTERIOR WALLS WITH ARCH. DWG. A-1.10
- 3. PROVIDE 2-#4 IN CENTER OF SLAB AT EACH RE-ENTRANT CORNER AS SHOWN.

SCALE

1/4" = 1'- 0"

2' 0





NOTES:

1. SEE GENERAL NOTES ON DWG. S-0.01.

- 2. MINIMUM NOMINAL THICKNESS OF TRUSS MEMBERS SHALL BE 2 INCHES.
- TRUSS NOTES:
- SEE GENERAL NOTES ON S-0.01

(A) TRUSS CONTRACTOR SHALL DESIGN ROOF TRUSSES PER APPLICABLE CODES BASED ON LOAD PARAMETERS SPECIFIED ON DRAWING S-0.01. MINIMUM WIND UPLIFT LOAD FOR EACH TRUSS SHALL NOT BE LESS THAN 25 PSF (ULTIMATE, LRFD), AND MINIMUM COMPRESSION PRESSURE SHOULD NOT BE LESS THAN 10 PSF.

(B) TRUSSES ST1, ST2 AND ST3 ARE SUBJECTED TO SHEAR FORCES FROM ROOF DIAPHRAGM. THEY WILL BE SUPPORTED BY MASONRY WALLS. THESE TRUSSES SHALL BE DESIGNED FOR MIN 4500 LBS (ULTIMATE) TOTAL IN-PLANE SHEAR FORCES AT THE TOP CHORDS ALONG THE TRUSS AXIS.

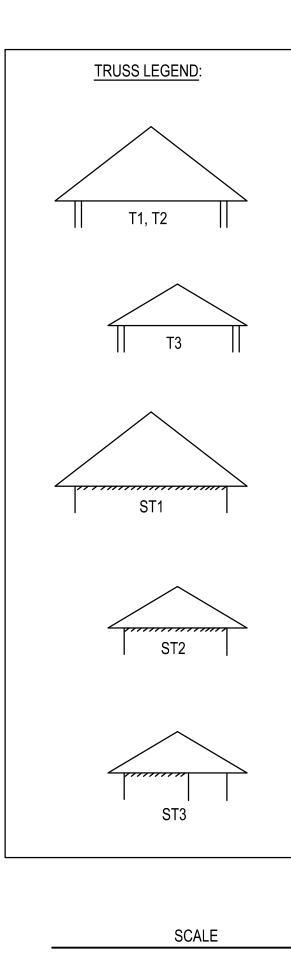
(C) T1 AND T2 TRUSSES ARE AT THE HIGH ROOF; T1-A TRUSS' TOP CHORD SHALL BE 4" LOWER THAN ADJACENT T1 AND T2 TO ALLOW J2 (2'X4").

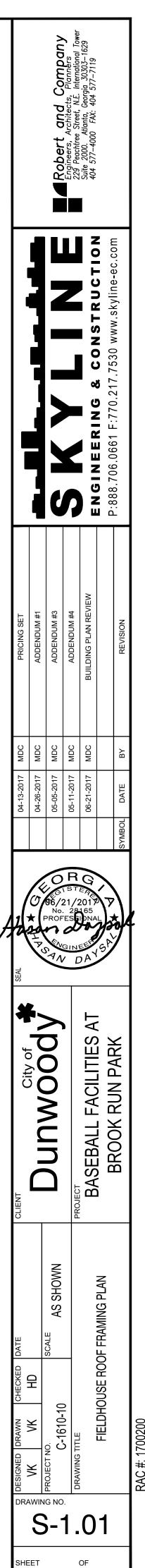
(D) T 3 TRUSSES ARE AT LOWER ROOF.

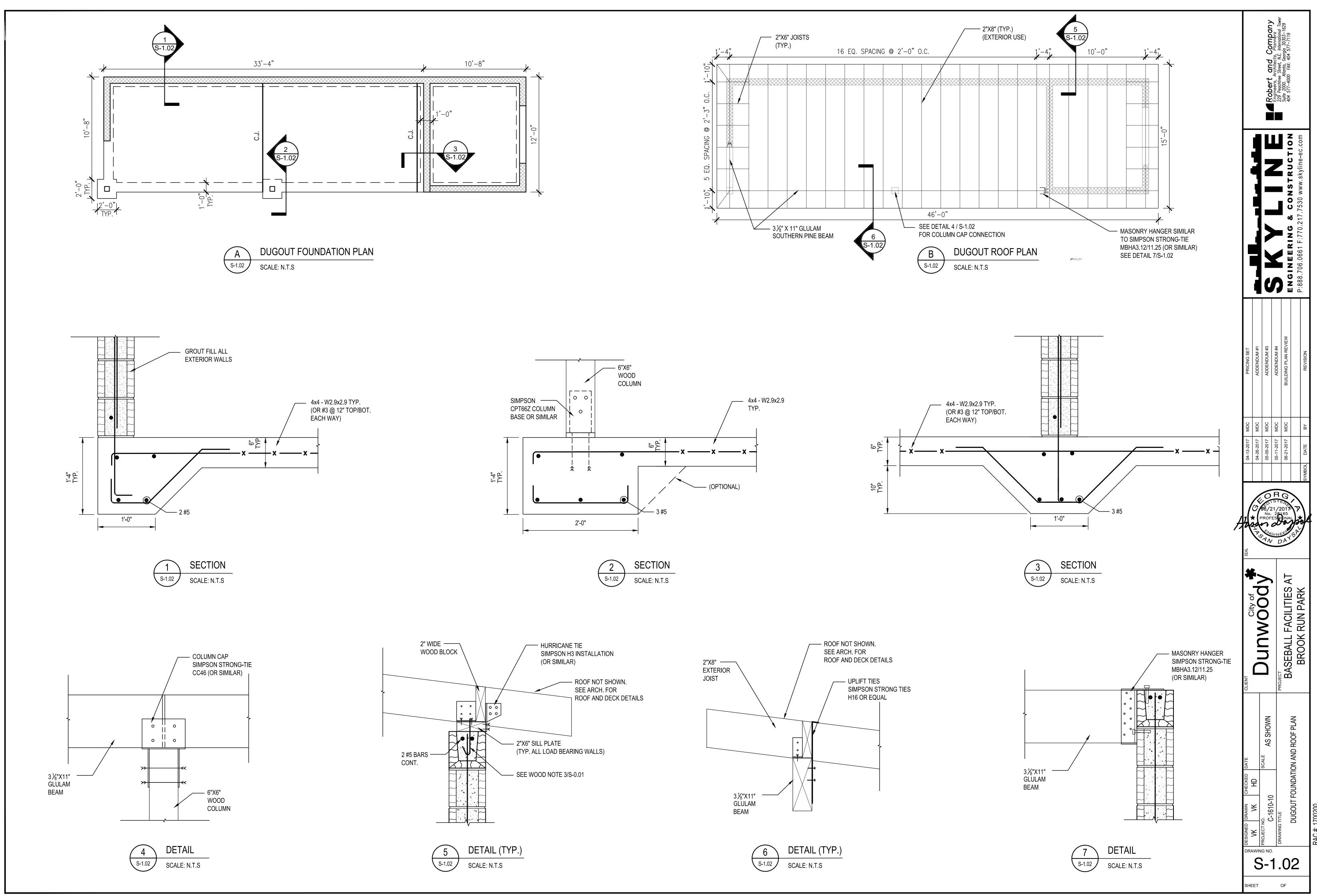
(E) J3 ($5\frac{1}{8}$ " X $5\frac{1}{2}$ " GLULAM SOUTHERN PINE) JOISTS WILL BE SUPPORTED AT THE TOP CHORD OF TRUSS T4 WITH METAL CONNECTOR AND WILL BE SUPPORTED AT THE MASONRY LEDGER (2"X12") WITH FACE MOUNTED HANGERS THAT CAN SUPPORT 1000 LBS VERTICAL GRAVITY AND UPLIFT AND TENSILE LOAD CAPACITY.

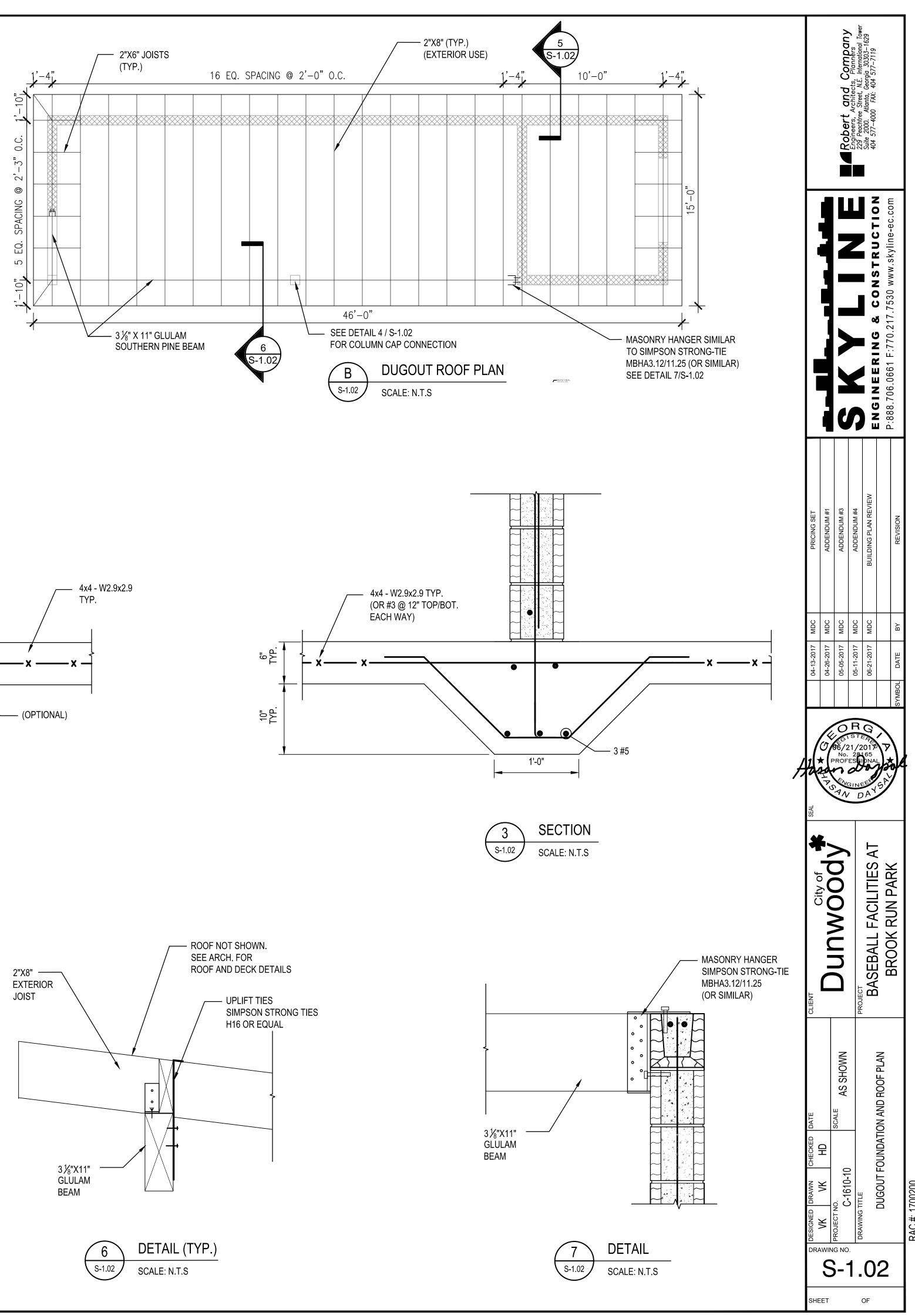
(F) T4 IS EXPOSED GLULAM TRUSS WITH PLATE CONNECTIONS (SEE DWG A/S-3.01)

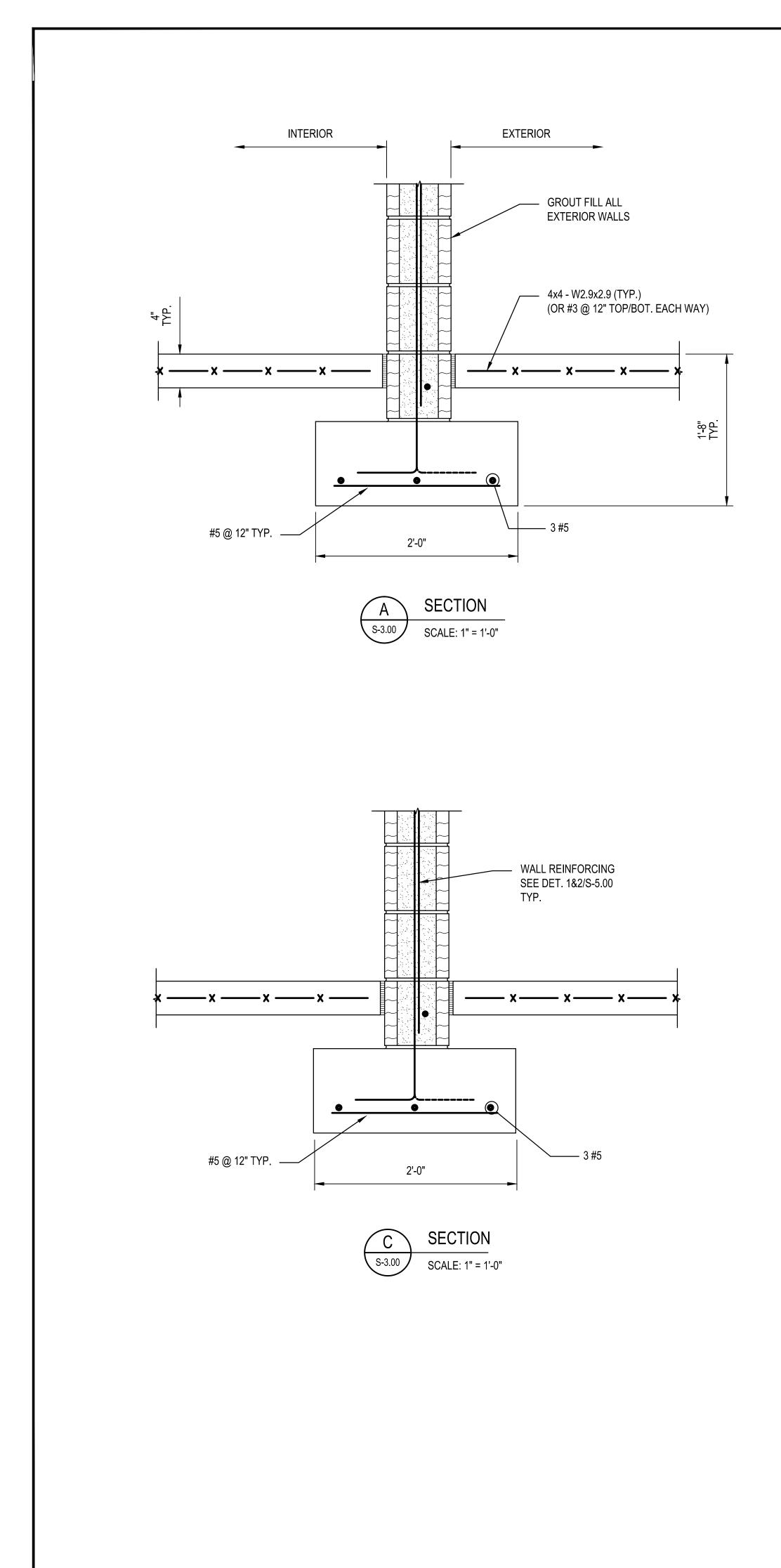
- 4. B1 GLULAM TIE BEAMS (4"X8") AT EL. 12'-2" CONNECTING BOTTOM CHORD OF THE TRUSS T4 TO THE MASONRY WALL WITH FACE HANGERS WITH 1000 LBS TENSILE STRENGTH AND GRAVITY LOAD CAPACITY.
- 5. LG1 (2"X12") LEDGER TOP ELEVATION MATCHING WITH TOP CHORD OF TRUSS T4. LEDGER WILL BE ANCHORED TO ALL GROUTED MASONRY WITH TWO (2) ROWS OF 1"Ø THROUGH BOLTS @ 9" SPACING (STAGGERED).
- 6. J1 AND J2 ARE OUTRIGGERS.
- 7. BK PROVIDE BLOCKING AT ST1, ST2 AND ST3 WITH ADJACENT TRUSSES.
- 8. TRUSS BOTTOM CHORD STABILITY TUES ARE NOT SHOWN. THEY SHALL BE DESIGNED AND PROVIDED BY TRUSS MANUFACTURER.

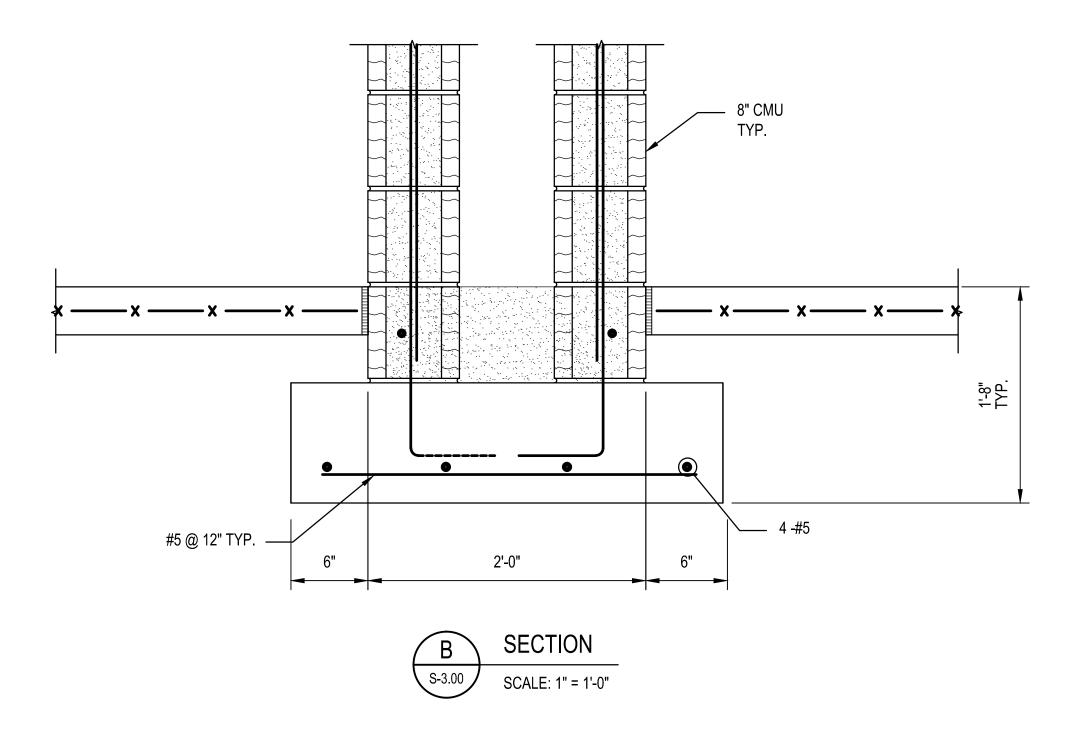








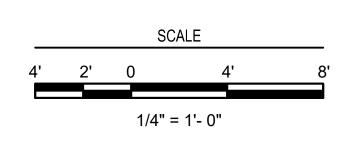


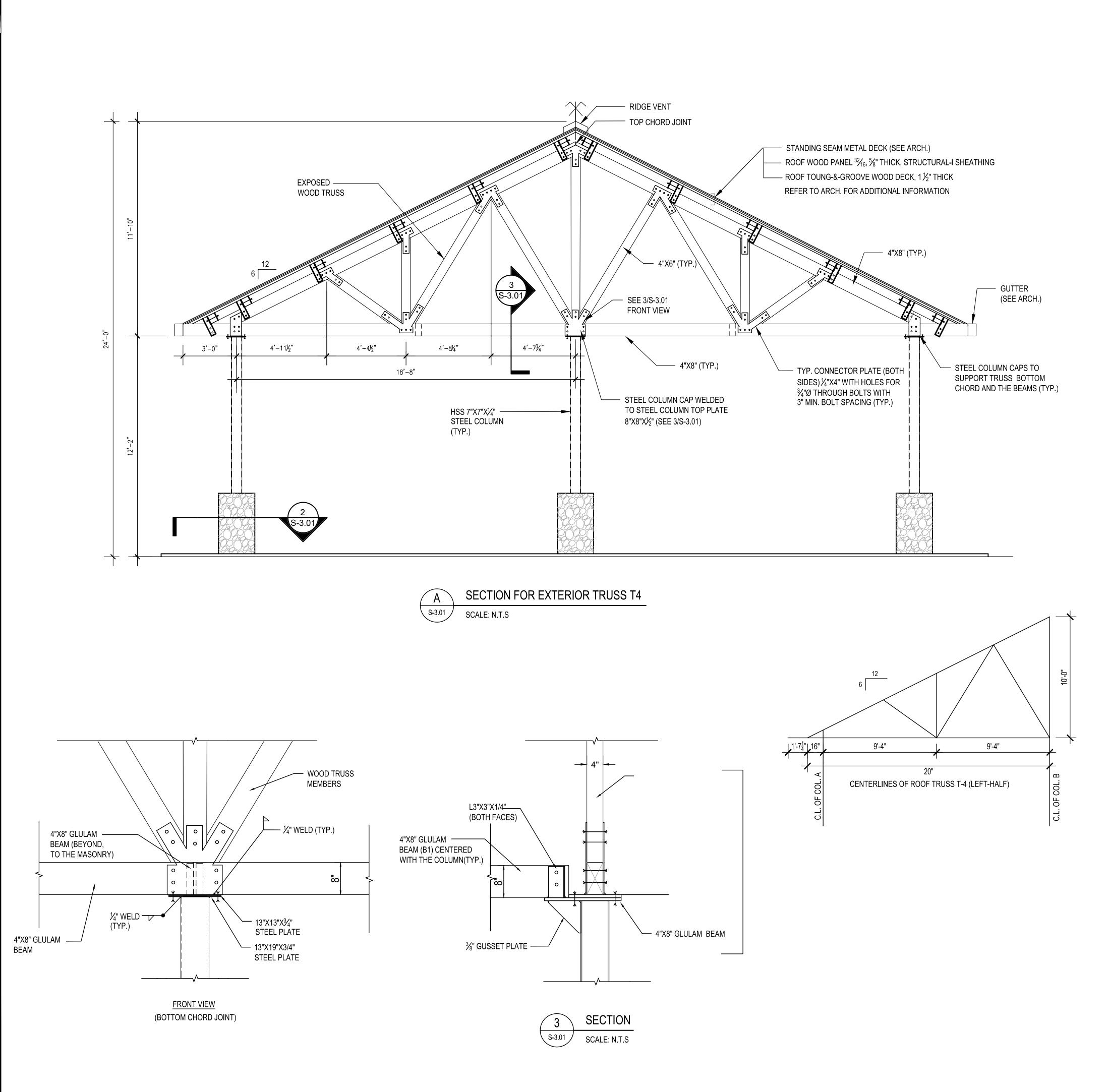


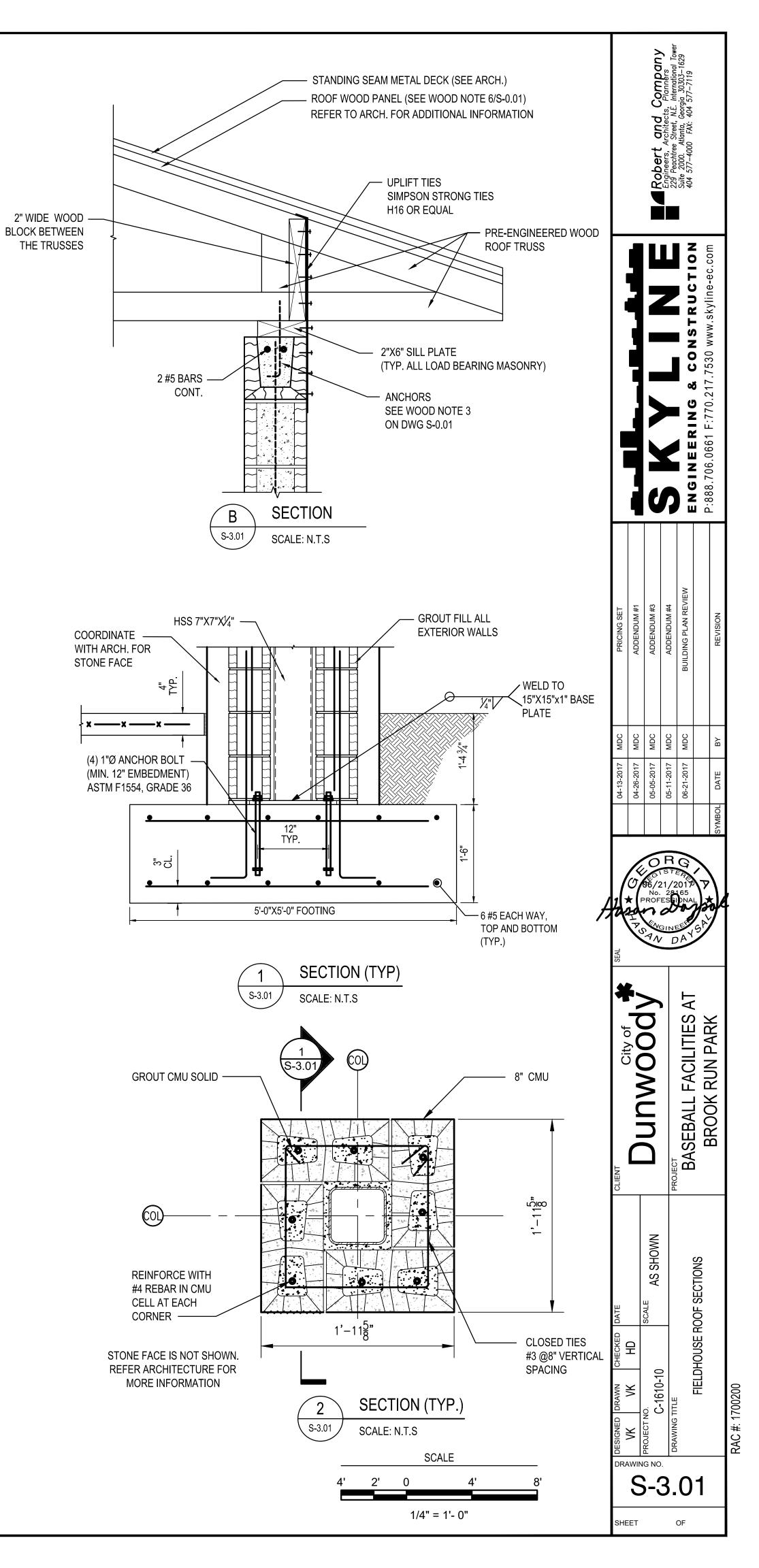
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		6 PROJECT NO. 6 C-1610-10	SCALE AS SHOWN	NUUUUU	PROF		05-05-2017 MDC	ADDENDUM #3	Robert and Company
	3					F			Enaineers. Architects. Planners
()) _	DRAWING TITLE		PROJECT					229 Peachtree Street, N.E. International Tower
OF	0			RASFRALL FACILITIES AT	017 017 05 017 05 017		06-21-2017 MDC	BUILDING PLAN REVIEW	Suite 2000. Atlanta, Georgia 30303–1629 404 577–4000 FAX: 404 577–7119
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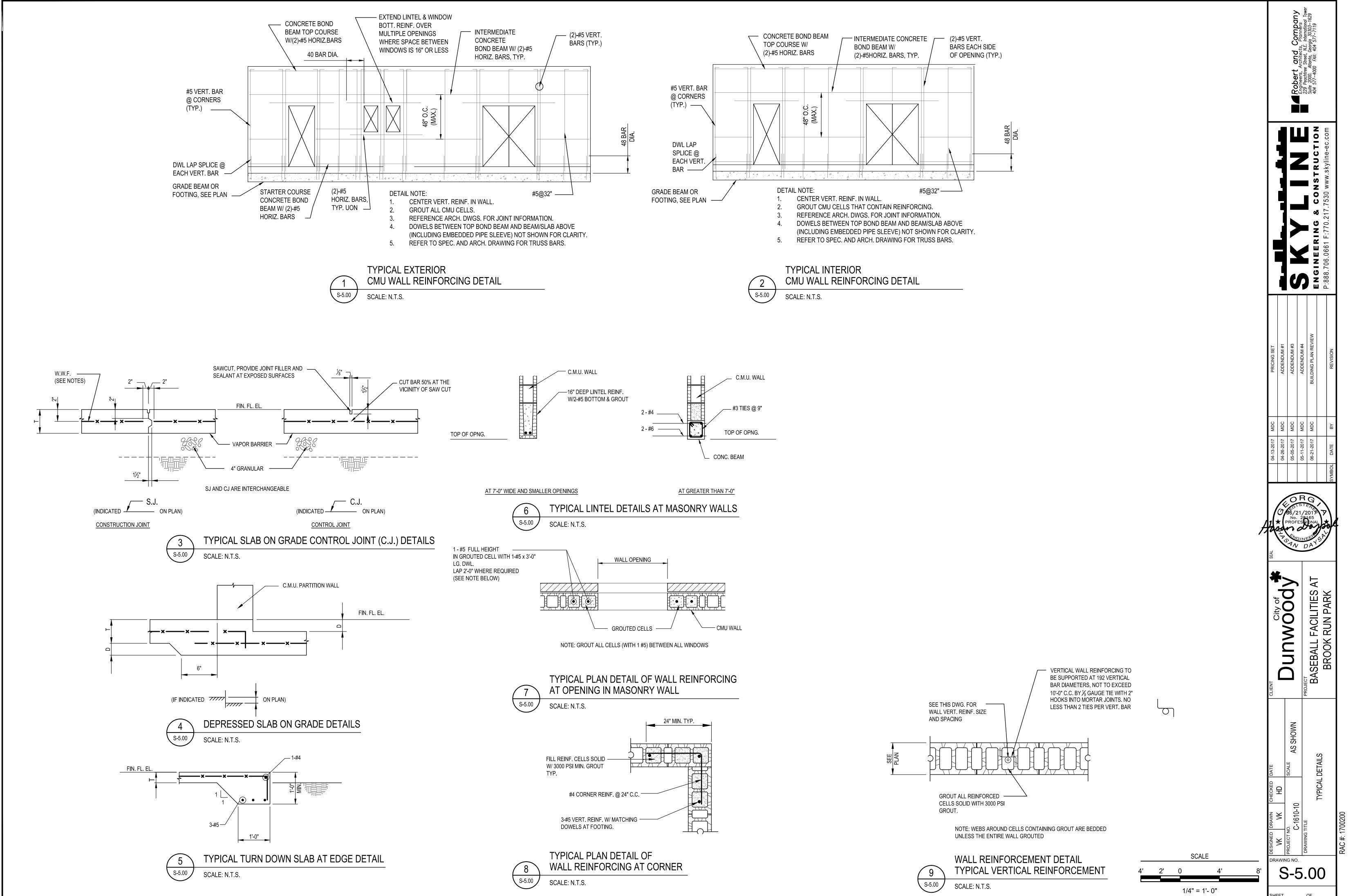
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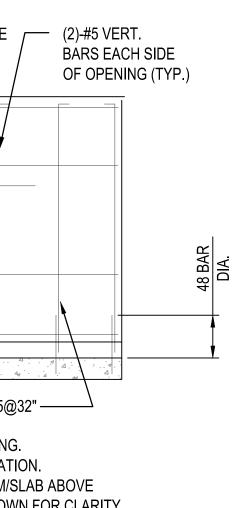
- 1. SEE GENERAL NOTES ON DWG. S-0.01.
- 2. SEE TYPICAL SECTION AND DETAILS ON DWG. S-5.00









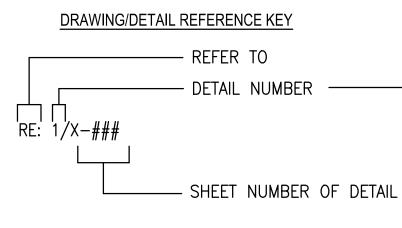


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PRICING SET	ADDENDUM #1	ADDENDUM #3	ADDENDUM #4	BUILDING PLAN REVIEW		REVISION	
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04-13-2017	04-26-2017	05-05-2017	05-11-2017	06-21-2017		BOL DATE	
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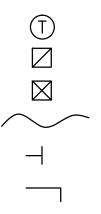
PIPING LEGEND	
	COLD WATER
	HOT WATER
	RECIRCULATION
	TEMPERED WATER
	SANITARY
	VENT
o	ELBOW UP
ə	ELBOW DOWN
	RISE OR DROP
	BRANCH BOTTOM CONNECTION
J	BRANCH TOP CONNECTION
o	TEE OUTLET UP
	TEE OUTLET DOWN
]	PIPE CAP
	DIRECTION OF FLOW
	DIRECTION OF SLOPE DOWN
	CONCENTRIC REDUCER
	ECCENTRIC REDUCER
	UNION
	PIPE FLANGE
—X	PIPE ANCHOR
	PIPE GUIDE
	STRAINER WITH BLOWDOWN VALVE, CAP AND CHAIN
	GATE VALVE
	BALL VALVE
	FLOW MEASURING/BALANCING/ SHUT-OFF VALVE
	CHECK VALVE
——————————————————————————————————————	BUTTERFLY VALVE
	3-WAY CONTROL VALVE
	2-WAY CONTROL VALVE
	PRESSURE REDUCING VALVE
н П Р Т	PRESSURE/TEMPERATURE TAP WITH BALL VALVE
FS	FLOW SWITCH
	PRESSURE SWITCH
^r	PLUG VALVE
Ŷ	MANUAL AIR VENT
<u>_</u>	
¥	T&P RELIEF VALVE
Ş	PRESSURE GAUGE WITH GAUGE COCK
	THERMOMETER
	FLEXIBLE CONNECTION
I	CLEANOUT
	FLOOR CLEANOUT
(M)	WATER METER
\smile	

ABBREVIATION	<u>N5</u>
AFF	ABOVE FINISHED FLOOR
BOD	BOTTOM OF DUCT
BOP BSMT	BOTTOM OF PIPE BASEMENT
CC	CENTER TO CENTER
CO	CLEANOUT
CONT	CONTINUED
<u>و</u>	
D DCW	DEEP OR DEPTH DOMESTIC COLD WATER
DN	DOWN
DIA (Ø)	DIAMETER
ID OD	
OD DP	DIAMETER, OUTSIDE DROP
DWC	DOMESTIC COLD WATER
DWG	DRAWING
EA EF	EACH EXHAUST FAN
EWC	ELECTRIC WATER COOLER
EXH	EXHAUST
EXIST	
FC FCO	FLEXIBLE CONNECTION FLOOR CLEAN OUT
FD	FLOOR DRAIN
FLEX	FLEXIBLE
FOB	FLAT ON BOTTOM
FOT FL	FLAT ON TOP FLOOR
FL H	HIGH OR HEIGHT
HB	HOSE BIBB
HD	HUB DRAIN
HP HW	HEAT PUMP HOT WATER
IWH	INSTANANEOUS WATER HEATER
INV	INVERT
LG L/P	LONG OR LENGTH LOW POINT
MAX	MAXIMUM
MD	MANUAL DAMPER
MIN	
MOD MVD	MOTOR-OPERATED DAMPER MANUAL VOLUME DAMPER
NC	NORMALLY CLOSED
NO	NORMALLY OPEN
NIC NTS	NOT IN CONTRACT NOT TO SCALE
OA OA	OUTDOOR AIR
PRV	PRESSURE REDUCING VALVE
RET	RETURN
RA SA	RETURN AIR SUPPLY AIR
SAN	SANITARY
TH	THICK OR THICKNESS
TOD	
TOP TP	TOP OF PIPE TRAP PRIMER
TYP	TYPICAL
UG	UNDERGROUND
VTR	VENT THRU ROOF
WCO	WALL CLEAN OUT WATER HEATER
WH W	WIDE OR WIDTH
W/	WITH
WM	WATER METER

ABBREVIATIONS



MISCELLANEOUS LEGEND



THERMOSTAT RETURN/EXHAUST GRILLE SUPPLY DIFFUSER FLEXIBLE DUCT SPIN-IN FITTING

MANUAL VOLUME DAMPER (MD)

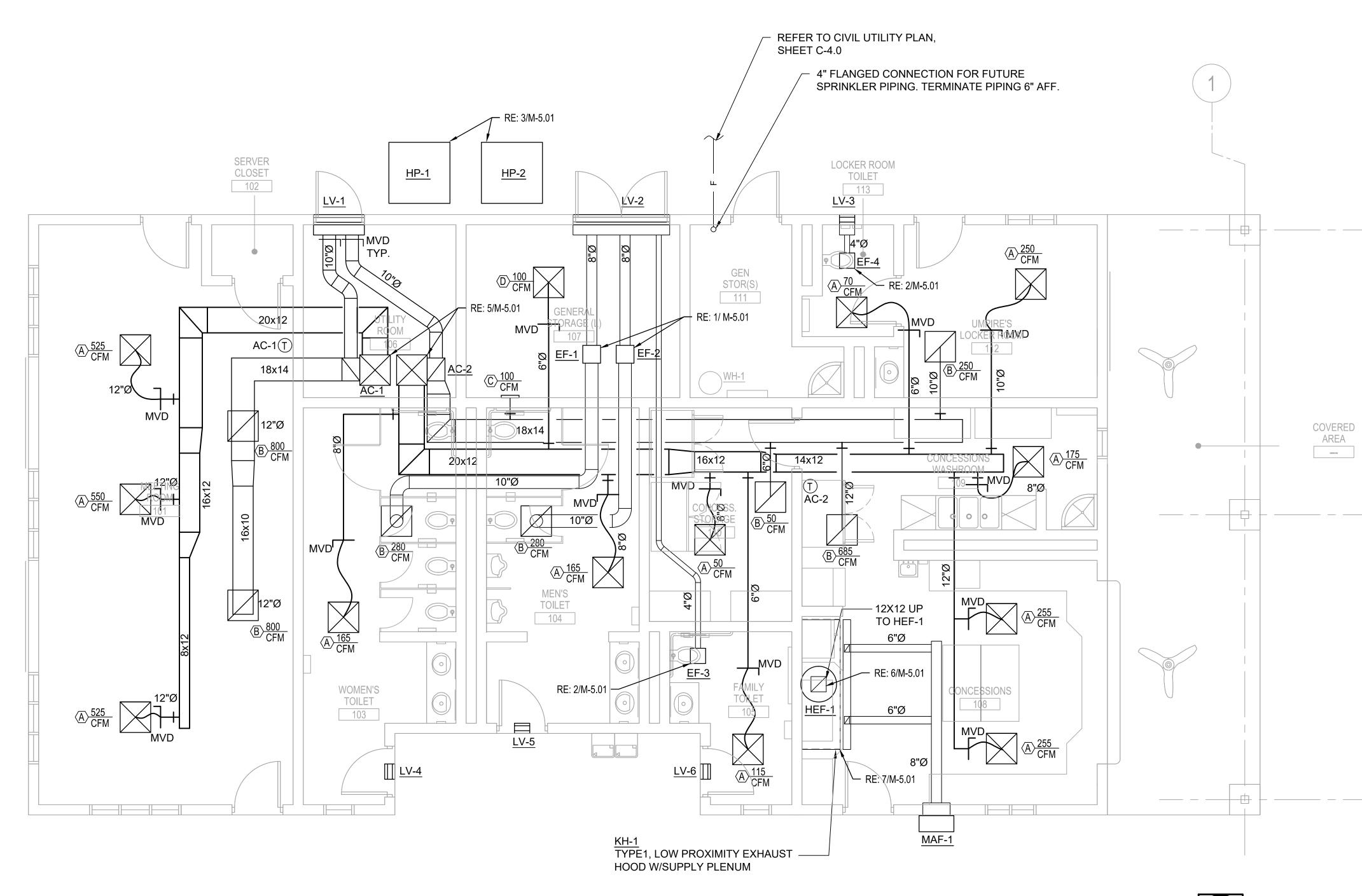
GENERAL NOTES

- 1. THESE DRAWINGS ARE SCHEMATIC IN NATURE AND ARE NOT INTENDED TO SHOW ALL POSSIBLE CONDITIONS. IT IS INTENDED THAT A COMPLETE SYSTEM BE PROVIDED WITH ALL NECESSARY EQUIPMENT, APPURTENANCES AND CONTROLS COMPLETELY COORDINATED WITH ALL DISCIPLINES. THESE ITEMS SHALL BE FURNISHED WITHOUT INCURRING ANY ADDITIONAL COST TO THE OWNER. THE WORD "PROVIDE" SHALL MEAN FURNISH AND INSTALL. CAREFULLY REVIEW ALL CONTRACT DOCUMENTS AND THE DESIGN OF OTHER TRADES BEFORE PREPARING SHOP DRAWINGS.
- 2. CONTRACTOR SHALL OBTAIN ALL NECESSARY PERMITS AND PAY ALL ASSOCIATED COST.
- ALL FERROUS PIPE AND PIPE SUPPORTS, INTERIOR OR EXTERIOR, SHALL BE PAINTED OR COATED. GALVANIZATION IS AN ACCEPTABLE FORM OF COATING.
- 4. CONTRACTOR SHALL COORDINATE ELECTRICAL CHARACTERISTICS AND REQUIREMENTS OF ALL MECHANICAL EQUIPMENT WITH ELECTRICAL DRAWINGS PRIOR TO ORDERING EQUIPMENT OR SUBMITTING EQUIPMENT CUT SHEETS, AND SHALL FURNISH EQUIPMENT WIRED FOR THE VOLTAGES SHOWN THEREIN.
- 5. ALL MECHANICAL EQUIPMENT REQUIRING ELECTRICAL POWER SHALL BE INSTALLED WITH DISCONNECT SWITCHES AT EACH PIECE OF EQUIPMENT. ELECTRICAL CONTRACTOR SHALL PROVIDE NON-FUSED DISCONNECT SWITCH BASED ON MANUFACTURER'S RECOMMENDATIONS AND ELECTRICAL DRAWINGS. ELECTRICAL CONTRACTOR TO PROVIDE INTEGRAL DISCONNECT SWITCHES FOR ALL SINGLE PHASE EXHAUST FANS THAT HAVE 0.5 HP OR SMALLER MOTORS.
- 6. ALL REQUIRED CONTROL WIRING NOT SHOWN ON THE ELECTRICAL DRAWINGS SHALL BE INCLUDED AS PART OF THE MECHANICAL WORK.
- 7. ALL MECHANICAL EQUIPMENT SHALL BE INSTALLED ACCORDING TO MANUFACTURER'S RECOMMENDATIONS.
- CONDENSATE SHALL DRAIN TO A FLOOR DRAIN. DISCHARGE PIPING SHALL NOT BE SMALLER THAN THE DRAIN PAN CONNECTION ON THE EQUIPMENT AND SHALL MAINTAIN A MINIMUM HORIZONTAL SLOPE IN THE DIRECTION OF DISCHARGE OF NOT LESS THAN 1/8 UNIT VERTICAL IN 12 UNITS HORIZONTAL (1%).
- 9. CONTRACTOR SHALL COORDINATE THE INSTALLATION OF ALL MECHANICAL EQUIPMENT, DUCTWORK, ETC. TO FIT WITHIN THE SPACE ALLOWED BY THE ARCHITECTURAL AND STRUCTURAL CONDITIONS. CUTTING OR OTHERWISE ALTERING ANY STRUCTURAL MEMBERS SHALL NOT BE PERMITTED WITHOUT WRITTEN PERMISSION FROM OWNER.
- 10. ALL PIPING SHALL BE PROVIDED WITH HIGH POINT VENTS AND LOW POINT DRAINS AS REQUIRED, WHETHER SHOWN ON DRAWINGS OR NOT.
- 11. CONTRACTOR SHALL EXTEND WATER, AND SANITARY SEWER PIPING TO UTILITIES OUTSIDE BUILDING. REFER TO SITE PLAN FOR CONTINUATION & LOCATION OF OUTSIDE UTILITIES.
- 12. HOSE BIBBS SHALL BE MOUNTED 18" ABOVE FINISHED FLOOR.
- 13. REFER TO ARCHITECTURAL DRAWINGS FOR EXACT LOCATION OF ALL PLUMBING FIXTURES. EXACT LOCATION OF ALL FIXTURES MUST BE VERIFIED IN THE FIELD PRIOR TO INSTALLATION.
- 14. PLUMBING VENTS EXTENDING THROUGH ROOF SHALL TERMINATE AT 12" ABOVE ROOF AND AT A MINIMUM DISTANCE OF 10' HORIZONTALLY FROM ANY AIR INTAKE OR OPERABLE WINDOW.
- 15. ALL PIPING SHALL BE CONCEALED INSIDE WALLS, BELOW FLOORS, OR ABOVE CEILINGS UNLESS INDICATED OTHERWISE.
- 16. INSULATE ALL HOT AND COLD WATER PIPING. SEE SPECIFICATIONS FOR INSULATION SIZES.
- 17. ALL PLUMBING FIXTURES SHALL BE FURNISHED WITH STOP VALVES. VALVES SHALL BE IN SUPPLY PIPES OR INTEGRAL WITH SUPPLY FITTINGS.
- 18. INSTALL WATER HAMMER ARRESTORS ON DOMESTIC COLD & HOT WATER LINES AT EACH FIXTURE OR BATTERY OF FIXTURES AS INDICATED ON THE DRAWINGS AND IN ACCORDANCE WITH THE PLUMBING CODE. ARRESTORS SHALL BE INSTALLED IN AN ACCESSIBLE LOCATION.
- 19. PROVIDE 14" X 14" ACCESS DOOR AT ALL WATER HAMMER ARRESTORS, TEMPERING VALVES, ETC. INSTALLED BEHIND FINISHED WALLS OR ABOVE SOLID CEILINGS. ACCESS DOORS TO BE LOCATED SO THAT ARRESTORS ARE EASILY ACCESSIBLE FOR MAINTENANCE. ACCESS DOORS SHALL BE 16 GA. STEEL PRIMED AND PAINTED, CONCEALED HINGED ON ONE SIDE WITH KEYED CAM LOCK, COORDINATE COLOR WITH ARCHITECTURAL DRAWINGS.
- 20. FLUSH VALVE HANDLE ON ALL ADA ACCESSIBLE WATER CLOSETS SHALL BE LOCATED ON WIDE SIDE OF STALL.
- 21. INSULATE SUPPLY PIPES, STOPS, AND DRAIN AT EACH ADA SINK OR ADA LAVATORY WITH FIRE RESISTANT MOLDED FOAM INSULATION DEVICE; TRUEBRO LAV GUARD OR SIMILAR.

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- 22. PROVIDE TRAP PRIMER AND CONNECTION FOR ANY FLOOR DRAIN, FLOOR SINK, OR HUB DRAIN NOT SUBJECT TO REGULAR FLOW.
- 23. COORDINATE ALL FLOOR PENETRATIONS WITH STRUCTURAL DRAWINGS. SET SLEEVES IN FLOORS AND WALLS AND ATTACHMENTS FOR HANGERS AS CONSTRUCTION PROGRESSES. ALL PENETRATIONS MUST BE SEALED AND HELD AS TIGHT TO COLUMNS OR WALLS AS POSSIBLE.
- 24. DO NOT RUN PIPING THROUGH ELECTRICAL ROOMS OR DIRECTLY ABOVE ELECTRICAL PANELS OR THROUGH OTHER WATER SENSITIVE AREAS.
- 25. ALL EQUIPMENT, PIPING, APPURTENANCES SHALL BE PROTECTED FROM DEBRIS AND DAMAGE. PIPING ENDS SHALL BE CLOSED BY TEMPORARY MEANS WHEN PORTIONS OF THE SYSTEM ARE NOT COMPLETE.
- 26. LOCATE ALL VALVES WHERE THEY ARE ACCESSIBLE FOR SERVICE AND USE.
- 27. EXHAUST DUCTWORK SHALL BE SHEET METAL AND SHALL NOT BE INSULATED UNLESS NOTED OTHERWISE.
- 28. ALL DUCTWORK SHALL BE SUPPORTED BY THE BUILDING STRUCTURE AND SHALL NOT REST ON CEILING TILES OR CEILING STRUCTURE. DUCT SUPPORTS AND ATTACHMENT TO STRUCTURE SHALL BE AS PER SMACNA STANDARDS.
- 29. FLEXIBLE DUCTWORK SHALL BE SIZED TO MATCH DEVICE NECK, PROVIDE ROUND GALVANIZED STEEL DUCT RUNOUTS TO MAINTAIN MAX. FLEXIBLE DUCT LENGTH OF 5'-0". FLEXIBLE DUCTWORK SHALL BE INSTALLED AS STRAIGHT AS POSSIBLE AND SHALL BE ROUTED AND SUPPORTED WITHOUT FORMING CRIMPS OR OTHER AIR FLOW RESTRICTIONS. PROVIDE SQUARE TO ROUND ADAPTERS OR BOOTS TO CONNECT TO AIR DEVICE NECK WHEN REQUIRED.
- 30. ROUND AND FLEXIBLE DUCTWORK SHALL BE CONNECTED TO MAIN DUCTS WITH SPIN-IN FITTINGS AND BALANCING DAMPERS.
- 31. DUCTWORK DIMENSIONS SHOWN ON THE DRAWINGS ARE INSIDE CLEAR DIMENSIONS. ALL DUCT SHALL BE WRAPPED WITH INSULATION.
- 32. AFTER CONSTRUCTION, THE ENTIRE HVAC SYSTEM SHALL BE TESTED, ADJUSTED, AND BALANCED TO DELIVER THE AIR QUANTITIES SHOWN ON THE DRAWINGS. SUBMIT CERTIFIED TEST AND BALANCE REPORT TO ARCHITECT/ENGINEER FOR APPROVAL.
- 33. CONTRACTOR SHALL COORDINATE THE INSTALLATION OF ALL MECHANICAL EQUIPMENT, DUCTWORK, ETC. TO FIT WITHIN THE SPACE ALLOWED BY THE ARCHITECTURAL AND STRUCTURAL CONDITIONS. CUTTING OR OTHERWISE ALTERING ANY STRUCTURAL MEMBERS SHALL NOT BE PERMITTED WITHOUT WRITTEN PERMISSION FROM THE ARCHITECT.
- 34. MOUNT SENSORS 4'-0" AFF UNLESS NOTED OTHERWISE.
- 35. LOCATIONS OF GRILLES, REGISTERS, & DIFFUSERS SHOWN ON THE DRAWINGS ARE APPROXIMATE. COORDINATE EXACT LOCATIONS WITH LIGHTS, CEILING GRID, ETC.
- 36. PROVIDE ACCESS PANELS IN NON-ACCESSIBLE CEILINGS AND IN WALL STRUCTURE TO ALLOW ADEQUATE ROOM FOR MAINTENANCE OF EQUIPMENT AND BALANCING OF SYSTEM.
- 37. ALL NEW PLUMBING FIXTURES MUST COMPLY WITH THE HIGH EFFICIENCY STANDARDS LISTED IN THE GEORGIA AMENDMENTS TO THE 2012 IPC.

	Robert and Company	Engineers, Architects, Planners 229 Peachtree Street, N.E. International Tower	Suite 2000. Atlanta, Georgia 30303-1629 404 577-4000 FAX: 404 577-7119		
				D-888 706 0661 E-770 217 7530 www.skvilino.oc.com	1.000.00.000.000.1.1.0.2.1.1.0.0.0 www.sv)
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FIELDHOUSE HVAC PLAN

SCALE: 1/4" = 1'-0"

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NOTES:

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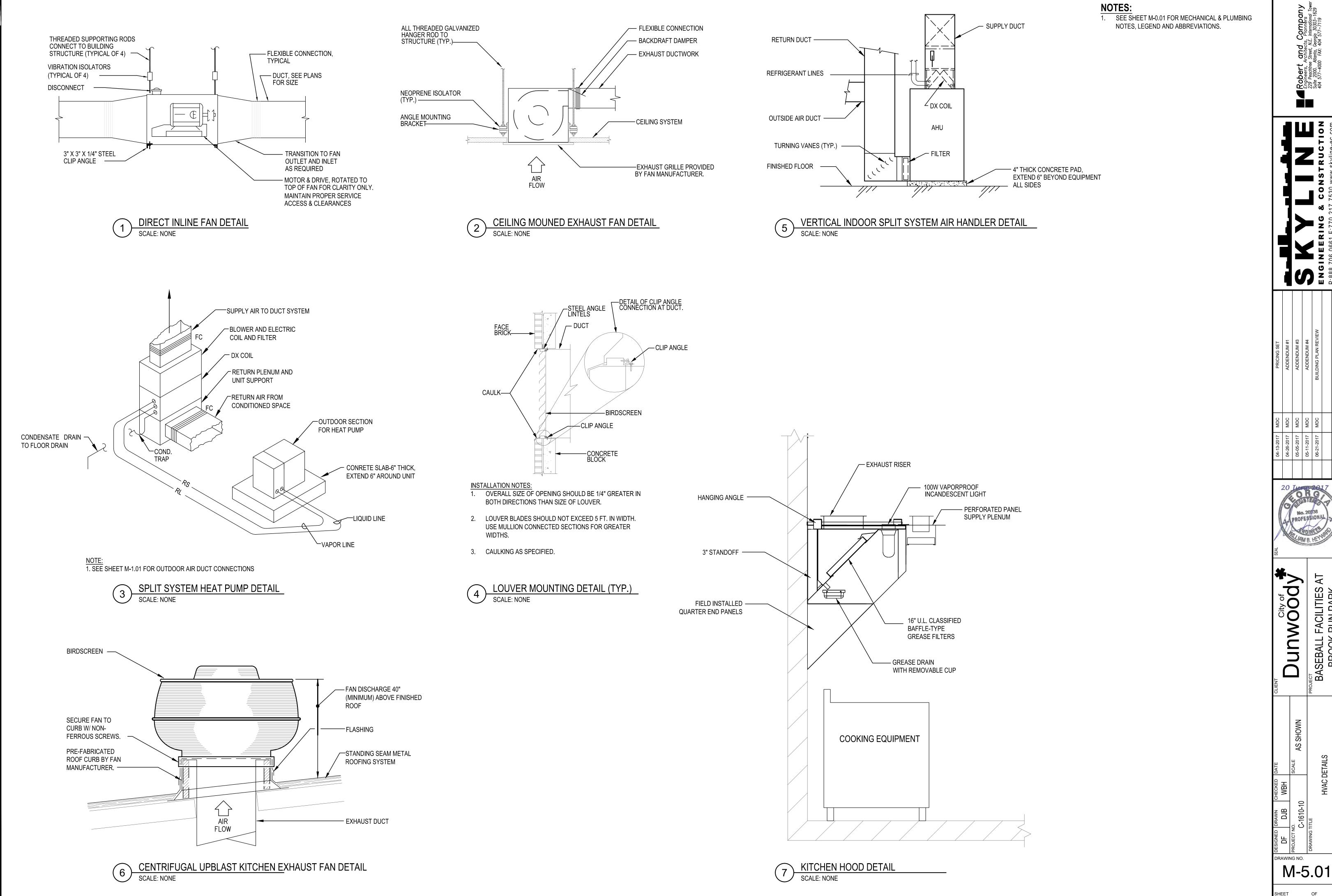
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C)

- 1. SEE SHEET M-0.01 FOR MECHANICAL & PLUMBING NOTES, LEGEND AND ABBREVIATIONS.
- 2. COORDINATE EXACT LOCATION OF UNDERGROUND FIRE PROTECTION WATER LINE WITH CIVIL UTILTY PLAN, SHEET C-4.0 AND ELECTRICAL POWER PLAN.
- 3. COORDINATE EXACT LOCATION OF AC-1 AND AC-2 WITH LIGHTING CONTROL PANELS, TRANSFORMER, AND OTHER ELECTRICAL ACCESSORIES. REFER TO ELECTRICAL POWER PLAN.

SCALE: 1/4" = 1'-0"

,))			Robert and Company	Engineers, Architects, Planners	229 Peachtree Street, N.E. International Tower	2016 2000. AUDITU, GEOLIA 2020-1023 404 577-7119			
						ENGINFERING & CONSTRUCTION	D-888 706 0661 E-770 217 7520 www.chvline.com	T.000.100.0001 1.110.211.1000 WWW.SNJIIIE-60.0011	
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MARK	SERVICE	TYPE	CFM	INWC	DRIVE	WATTS	V/PH/HZ	GREENHECK	REMARKS/ACCESSORIES
EF-1	WOMEN'S TLT	CABINET	280	0.125	DIRECT	102.2	115/1/60	CSP-A 290	1, 2
EF-2	MEN'S TLT	CABINET	280	0.125	DIRECT	102.2	115/1/60	CSP-A 290	1, 2
EF-3	FAMILY TLT	CABINET	70	0.125	DIRECT	15.9	115/1/60	SP-A70	1, 2
EF-4	LOCKER ROOM TLT	CABINET	70	0.125	DIRECT	15.9	115/1/60	SP-A70	1, 2, 3

REMARKS/ACCESSORIES:

INTERLOCK EXHAUST FANS WITH LIGHTS.

2. PROVIDE BACKDRAFT DAMPER AND UNIT MOUNTED DISCONNECT.

PROVIDE WITH FROSTED LENS LIGHTED GRILLE AND COMPACT FLUORESCENT LIGHT. 3

SPLIT SYSTEM (AIR HANDLING UNIT/HEAT PUMP) SCHEDULE

			FAN SE	CTION				COOLIN	IG COI	L SECT	ION		HEATIN	G SECTION					HEAT PUM	0			
MARK	SERVICE	SUPPLY AIR CFM	OUTDOOR AIR CFM	E.S.P. IN. WG.	MOTOR H.P.	VOLT/PH	TOTAL CAPACITY MBTU	SENSIBLE CAPACITY MBTU	E/ DB	AT °F		∿T °F WB	OUTSIDE AIR TEMP °F	AUXILARY HEAT KW	VOLT/PH	MARK		OUTDOOR AIR TEMP. °F	TOTAL COOLING CAPACITY BTUH	TOTAL HEATING CAPACITY BTUH	SEER/EER/HSPF	VOLT/PH	REMARKS/ACCESSORIES
AC-1	MEETING RM	1,600	360	0.5	3/4	208/1	48.3	37.0	80.0	67.0	58.6	57.5	22	10	208/1	HP-1	AC-1	95	48.3	48.12	16/12.5/8.5	208/1	1, 2, 3
AC-2	CONCESSION	1,600	265	0.5	3/4	208/1	48.3	37.0	80.0	67.0	58.6	57.5	22	10	208/1	HP-2	AC-2	95	48.3	48.12	16/12.5/8.5	208/1	1, 2, 3

REMARKS/ACCESSORIES:

1. PROVIDE FUSED DISCONNECT FOR FAN COIL UNIT AND CONDENSING UNIT.

2. FAN COIL UNIT AND CONDENSING UNIT SHALL BE INTERLOCKED.

3. REFRIGERANT LINES SHALL BE SIZED AND INSTALLED PER UNIT MANUFACTURERS RECOMMENDATIONS. REFRIGERANT LINES SHALL BE LAYED OUT TO MINIMIZE LINE LENGTHS, BENDS AND OTHER PERFORMANCE-REDUCING ASPECTS OF INSTALLATION. WHERE REQUIRED, PROVIDE LONG LINE SET WITH TRAPS, OIL RETURN RISER AS REQUIRED BY MANUFACTURER.

BASIS OF DESIGN: CARRIER MODEL FV4C AIR HANDLER, MODEL 25HCB HEAT PUMP.

AIR DISTRIBUTION DEVICE SCHEDULE

TAG	TYPE	SIZE (IN.)	NECK SIZE (IN.)	MATERIAL	BASIS OF DESIGN	REMARKS/AG
А	CEILING SUPPLY DIFFUSER	24 x 24	SEE PLANS	ALUMINUM	TITUS TMSA	1,2
В	CEILING RETURN GRILLE	24 x 24	SEE PLANS	ALUMINUM	TITUS 355-FL	1,2
С	SIDEWALL RETURN GRILLE	14 x 6	SEE PLANS	ALUMINUM	TITUS 355-FL	1
D	CEILING SUPPLY DIFFUSER	24 x 24	SEE PLANS	ALUMINUM	TITUS TMSA	
	A B C	A CEILING SUPPLY DIFFUSER B CEILING RETURN GRILLE C SIDEWALL RETURN GRILLE	TAGTYPE(IN.)ACEILING SUPPLY DIFFUSER24 x 24BCEILING RETURN GRILLE24 x 24CSIDEWALL RETURN GRILLE14 x 6	TAGTYPE(IN.)ACEILING SUPPLY DIFFUSER24 x 24SEE PLANSBCEILING RETURN GRILLE24 x 24SEE PLANSCSIDEWALL RETURN GRILLE14 x 6SEE PLANS	TAGTYPEImage: Control of the con	TAGTYPEIIII(IN.)MATERIALBASIS OF DESIGNACEILING SUPPLY DIFFUSER24 x 24SEE PLANSALUMINUMTITUS TMSABCEILING RETURN GRILLE24 x 24SEE PLANSALUMINUMTITUS 355-FLCSIDEWALL RETURN GRILLE14 x 6SEE PLANSALUMINUMTITUS 355-FL

REMARKS/ACCESSORIES:

SURFACE MOUNT.

2. PROVIDE WITHOUT BALANCING DAMPER.

KIT	CHEN EXHA	UST FAN / MAł	KEUF	P AIF	R FAN	I SCI	HEDUI	_E	
						FAN	MOTOR	MANUFACTURER	
MARK	SERVICE	TYPE	CFM	ESP INWC	DRIVE	HP	V/PH/HZ	CAPTIVEAIRE	REMARKS/ACCESSORIES
HEF-1	HOOD EXHAUST	CENTRIFUGAL UPBLAST	1,600	0.375	DIRECT	1/2	115/1/60	DU50HFA	1, 3, 4
MAF-1	MAKE UP AIR	WALL	1,174	0.125	DIRECT	1/6	115/1/60	DMUA14	2, 4

REMARKS/ACCESSORIES:

PROVIDE 6/12 PITCHED ROOF CURB FOR STANDING SEAM METAL ROOF.

2. PROVIDE WALL SLEEVE. 3. SPEED CONTROL AND DISCONNECT.

4. INTERLOCK OPERATION OF FANS HEF-1 AND MAF-1.

LUU	LOUVER SCHEDULE										
UNIT NUMBER	LOCATION	SERVICE	W(IN)	H(IN)	AIRFLOW (CFM)	NOMINAL VELOCITY (F/MIN)	MINIMUM FREE AREA (%)	BASIS OF DESIGN: RUSKIN	REMARKS/ACCESSORIES		
LV-1	UTILITY RM	INTAKE	36	12	625	750	57	ELF6375DXH	1, 2		
LV-2	GENERAL STORAGE	EXHAUST	72	12	630	1,000	57	ELF6375DXH	1, 2		
LV-3	LOCKER RM TLT	EXHAUST	12	12	70	1,000	57	ELF6375DXH	1, 2		
LV-4	WOMEN'S TLT	INTAKE	12	12	280	750	57	ELF6375DXH	1, 2		
LV-5	MEN'S TLT	INTAKE	12	12	280	750	57	ELF6375DXH	1, 2		
LV-6	FAMILIY TLT	INTAKE	12	12	70	750	57	ELF6375DXH	1, 2		
								·			

REMARKS/ACCESSORIES

1. PROVIDE BIRD & INSECT SCREEN. 2. CORROSION RESISTANT CONSTRUCTION.

CCESSORIES	

	KITCHEN EXHAUST HOOD SCHEDULE TAG SIZE TYPE MANUFACTURER CAPTIVEAIRE REMARKS/ACCESSORIES						
		0175			MANUFACTURER		
TAG	SERVICE		TYPE	STYLE	CAPTIVEAIRE	REMARKS/ACCESSORIES	
KH-1	CONCESSIONS	30 X 102	I	LOW PROXIMITY HOOD	BD-2	INSULATED SUPPLY PLENUM MOD. NO. PSP	

NOTES:

- A. EXHAUST HOOD AND ENTIRE INSTALLATION SHALL CONFORM TO NFPA-96 AND STATE AND LOCAL CODES.
- B. EXHAUST HOOD TO BE U.L. CLASSIFIED. ALL WIRING TO BE IN COMPLIANCE WITH N.E.C. AND U.L.
- C. DUCTWORK SHALL BE CONSTRUCTED WITHOUT FORMING DIPS OR TAPS WHICH MIGHT COLLECT RESIDUES.
- D. PROVIDE ACCESS PANELS AS PER NFPA 96, 3-3.
- E. GRIND AND POLISH ALL WELDED JOINTS SMOOTH AND TO MATCH FINISH.
- F. EXHAUST HOOD AND FIRE SUPPRESSION SYSTEM MUST BE APPROVED BY STATE FIRE MARSHAL PRIOR TO INSTALLATION.

ACCESSORIES:

- **1. COMPLETE AUTOMATIC WET FIRE PROTECTION SYSTEM**
- 2. STAINLESS STEEL CONSTRUCTION.
- 3. ALUMINIZED STEEL CONSTRUCTION WITH BAKED ENAMEL FINISH.
- 4. VAPOR PROOF INCANDESCENT LIGHTS MOUNTED UNDER GLASS WITH STEEL ENCLOSURES. 5. GREASE EXTRACTOR FILTERS U.L. CLASSIFIED.
- 6. HOOD MOUNTED CONTROLS FACTORY SUPPLIED.
- 7. MANUAL START/STOP SWITCH WITH INDICATOR LIGHT.
- 8. FAN DISCONNECT SWITCH.
- 9. RANGE HOOD AND ALL COMPONENTS TO BE U.L. LISTED AND SHALL COME AS A PACKAGE.

NOTES: SEE SHEET M-0.01 FOR MECHANICAL & PLUMBING

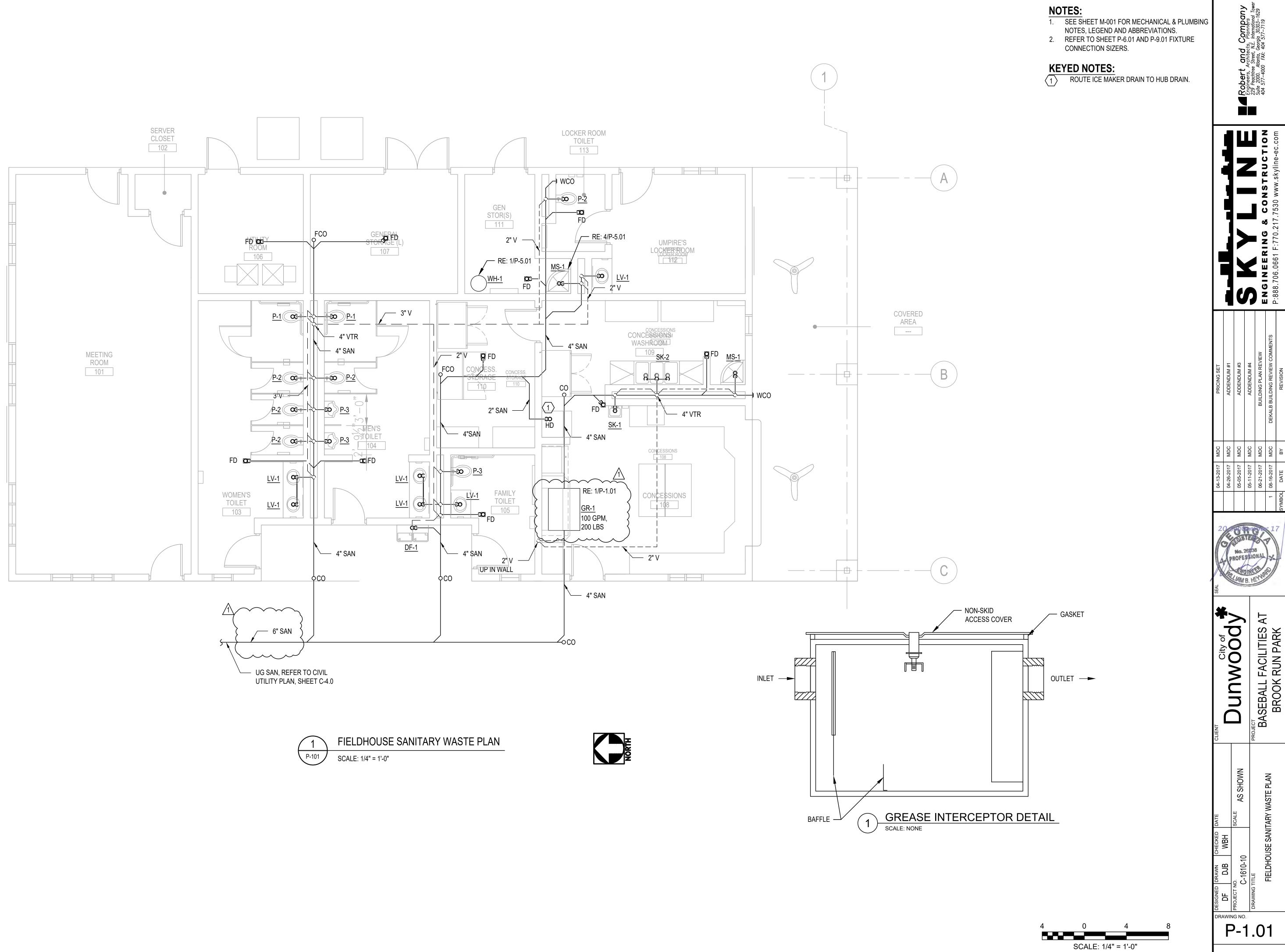
NOTES, LEGEND AND ABBREVIATIONS.

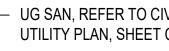
SCHEDUL	E
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and Company Architects, Planners • Street, N.E. International Tower Atlanto, Georgia 30303-1629 0 FAX: 404 577-7119 Robert Engineers, A 229 Peachtree Suite 2000. A 404 577-4000 No. 26038 PROFESSION AT FACILITIES / Dunwood BASEBALL I BROOK Z ц С St 23 RAWING NO. M-6.01

SHEET

OF









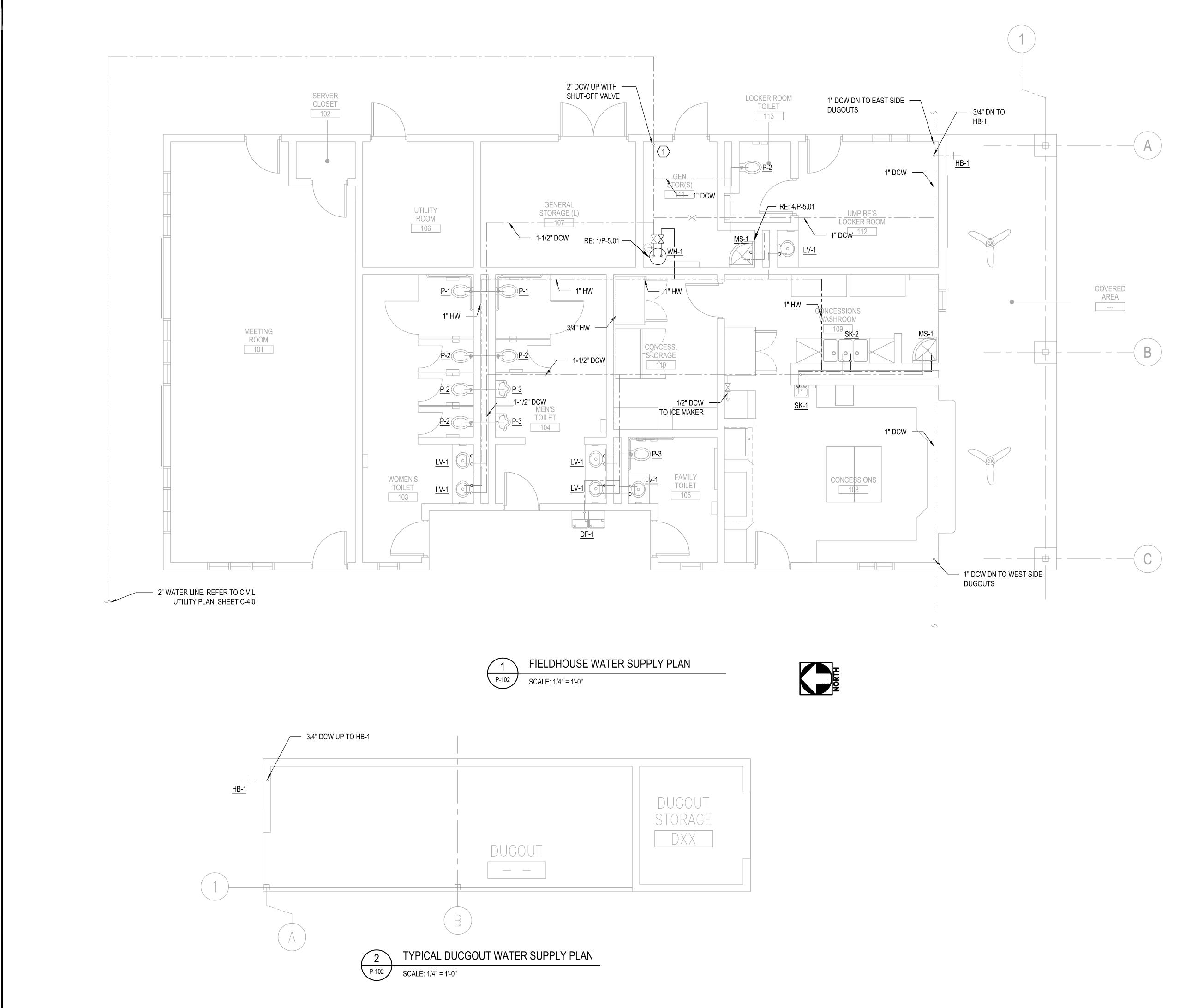
- SEE SHEET M-001 FOR MECHANICAL & PLUMBING NOTES, LEGEND AND ABBREVIATIONS.
 REFER TO SHEET P-6.01 AND P-9.01 FIXTURE CONNECTION SIZERS.

OF

SHEET

KEYED NOTES:





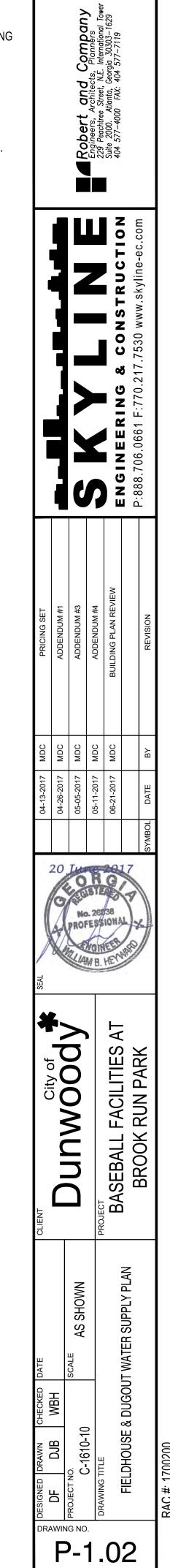
1	FIELDHOUSE WATER SUPPLY PLAN	
-102	SCALE: 1/4" = 1'-0"	



- 1. SEE SHEET M-0.01 FOR MECHANICAL & PLUMBING
- NOTES, LEGEND AND ABBREVIATIONS. 2. REFER TO SHEET P-6.01 AND P-9.01 FIXTURE CONNECTION AND PIPE SIZES.

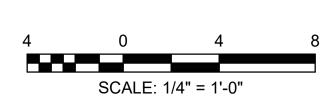
KEYED NOTES:

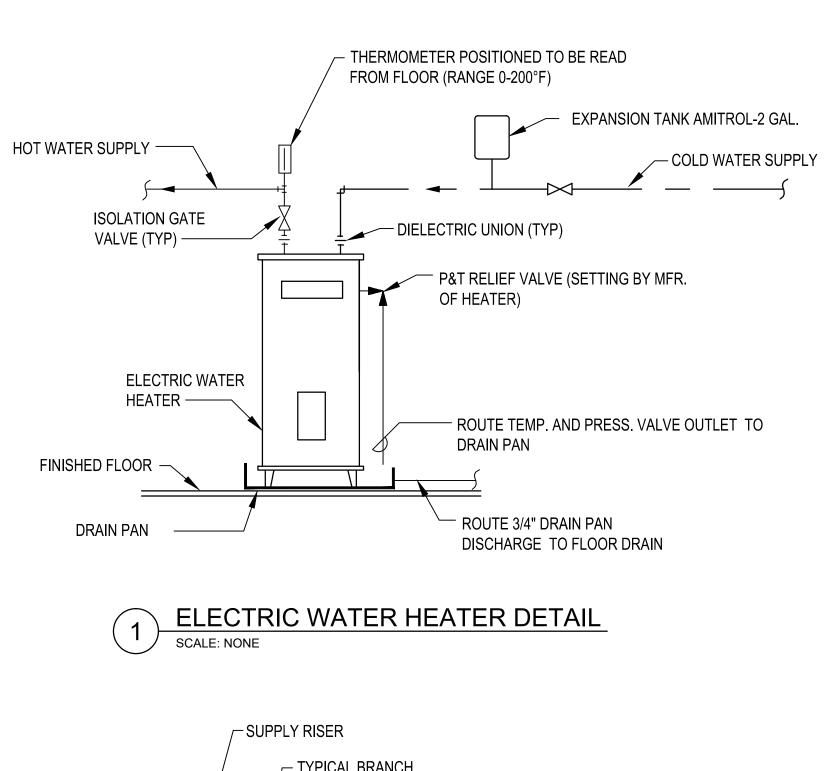


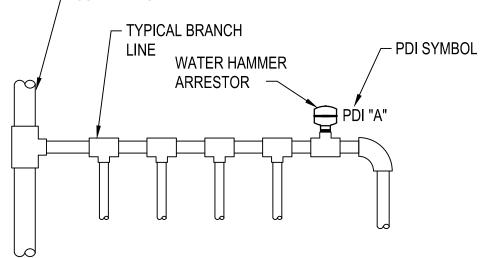


OF

SHEET







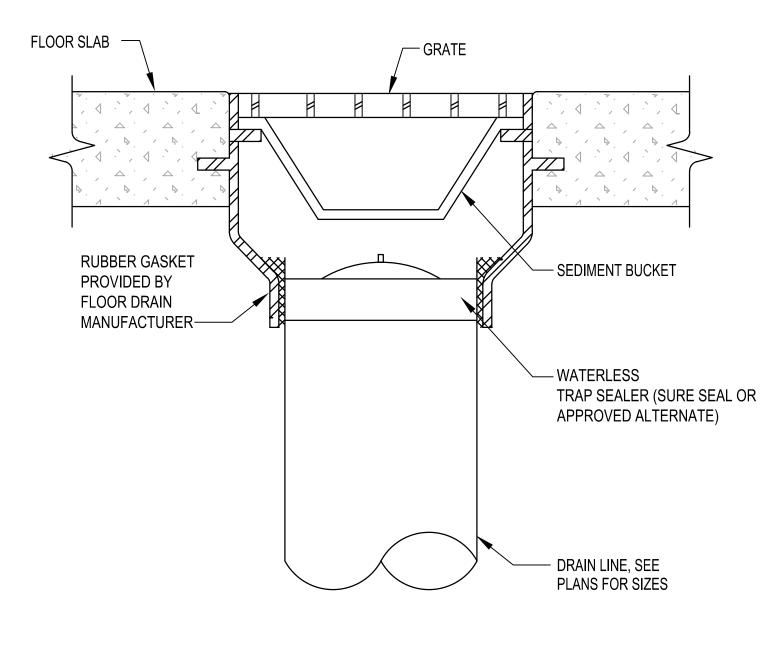
NOTES:

- 1. PREFERRED INSTALL WATER HAMMER ARRESTORS AT THE END OF BRANCH LINE BETWEEN THE LAST TWO FIXTURES SERVED.
- 2. ONE WATER HAMMER ARRESTOR PER 20' LINE, AND ANOTHER FOR BRANCHES OVER 20' IN LENGTH.
- 3. THE SUM OF FIXTURE UNIT RATING OF UNITS OVER 20' IN LENGTH SHALL BE EQUAL TO OR GREATER THAN THE DEMAND OF THE BRANCHES.

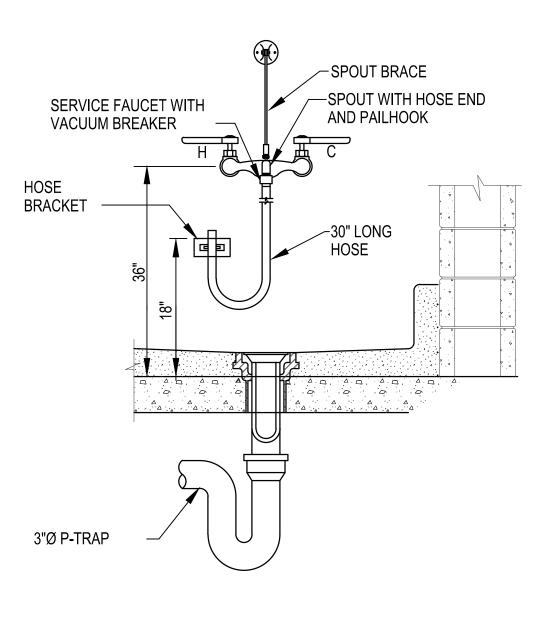
WATER HAMMER ARRESTOR SCHEDULE									
PDI SYMBOL	A	В	С	D	E	F			
FIXTURE UNIT RATING	1-11	12-32	33-60	61-113	114-154	155-330			



WATER HAMMER ARRESTOR INSTALLATION DETAIL (TYP.) SCALE: NONE



FLOOR DRAIN TRAP SEAL DETAIL (TYP.) 2 SCALE: NONE



MOP SINK DETAIL SCALE: NONE 4

PRICING SET	3 3 4 5 5 5 MEW ENGINEERING & 1 7 P:888.706.0661 F:770.217.7								
04-13-2017 MDC	04-26-2017 MDC	05-05-2017 MDC	05-11-2017 MDC	and	06-21-2017 MDC BU	L'AN		SYMBOL DATE BY	
CLIENT CIENT DUDVOODS PROJECT									
DESIGNED DRAWN		C B PROJECT NO. SCALE AS SHOWN SCALE AS SHOWN		DRAWING TITLE					RAC #: 1700200

NOTES:

1. SEE SHEET M-0.01 FOR MECHANICAL & PLUMBING NOTES, LEGEND AND ABBREVIATIONS.

ELECTRIC WATER HEATER SCHEDULE

UNIT	LOCATION	TYPE	CAPACITY	RECOVERY	KW TOTAL	NUMBER OF	KW/ELEMENT	ELECTRICAL	
NUMBER	LOOMION	ITE	(GAL)	GPH @ 80°F		ELEMENTS		VOLTS	PHASE
WH-1	UTILITY ROOM	STORAGE ELECTRIC	40	62	12.0	2	6.0	480	3
1 ELEMENTS CONTROLLED FOR DUAL SIMULTANEOUS OPERATION									

1. ELEMENTS CONTROLLED FOR DUAL SIMULTANEOUS OPERATION.

PLl	JMBING FIXTURE SCH	IEDULE	Ē			
UNIT	DESCRIPTION	COLD	НОТ	WASTE	VENT	REMARKS
DF-1	DRINKING FOUNTAIN	1/2"	1/2"	1-1/2"	1-1/4"	MDS #10485 WMSS, STAINLESS STEEL OUTDOOR COMBINATION HI/LO DF BOTTLE FILLER, MUSHROOM STYLE PUSH BAR, WALL MOUNTING PLATE.
GR-1	GREASE INTERCEPTOR	-	-	4"	2"	JOSAM 60110H, 100 GPM, RECESSED TYPE, INSTALLED FLUSH MOUNTEE GASKETED NON-SKID TRAFFIC RATED ACCESS COVER.
HB-1	HOSE BIBB	3/4"	-	-	-	ZURN #1345, EXPOSED NON-FREEZE WALL FAUCET, ANTI-SIPHON VACUL DRAINING, GARDEN HOSE THREAD OUTLET, CHROME FINISH.
LV-1	LAVATORY	1/2"	1/2"	1-1/2"	1-1/4"	ELKAY ASANA #LLVR2117, SINGLE BOWL TOP MOUNT 18 GAUGE STAINLE SINK, LK174 DRAIN FITTING. FAUCET: ELKAY #LK656 METERED DECK MO BUTTON.
MS-1	MOP SINK	1/2"	1/2"	2"	1-1/2"	FIAT MODEL TSBCR1100. 28"X28"X12" WITH No. 889-CC MOP BRACKET. 83 1453-BB-STRAINER. CHICAGO No. 540-LD897SWXFCP FAUCET WITH VACU BRACE.
P-1	WATER CLOSET (ADA)	1"	-	4"	2"	SAME AS P-2. MOUNT FIXTURE SEAT AT 17" - 19" AFF
P-2	WATER CLOSET	1"	-	4"	2"	AMERICAN STD. AFWALL MILLENNIUM FLO WISE No.:3351.101.020 WALL M ELONGATED BOWL, SIPHON JET, 1.28 GPF. TOP SPUD TOTO MODEL TET VACUUM BREAKER) HIGH-EFFICIENCY TOILET ECOPOWER FLUSHOMETE CHURCH No. 255. OPEN FRONT SEAT LESS COVER. JR SMITH 0210 CARR
P-3	URINAL	3/4"	-	2-1/2"	2"	AMERICAN STD. ALLBROOK FLO WISE No.: 6550.001.020. WALL MOUNTEE SIPHON JET. 0.5 GPF, TOP SPUD TOTO MODEL TEU1LN12CP (3/4" VACUU EFFICIENCY URINAL ECOPOWER FLUSHOMETER VALVE (0.5 GPF) MOUNT
SK-1	HAND SINK	1/2"	1/2"	1-1/4"	1-1/4"	ELKAY EHS-14X ECONOMY SERIES WALL MOUNTED HAND SINK, 14"X16-1 GOOSENECK FAUCET.
SK-2	3-COMP SINK	3/4"	3/4"	3-1/2"	4"	ELKAY 14-3C16X20-2-24X, 14" STANDARD SERIES 3-COMPARTMENT SINK, 16"X20"X14" SINK, 24" LEFT AND RIGHT DRAINBOARDS, 9" BACKSPASH, A FAUCET: ELKAY LK940HA10TAH, 2-HOLE WALL MOUNT WITH HIGH ARC S WRISTBLADE HANDLES.

DESIGN BASIS

BRADFORD WHITE RE340S6

REMARKS

1

DRINKING FOUNTAIN WITH TED WITH FLOOR, WITH CUUM BREAKER, AUTOMATIC INLESS STEEL BATHROOM (MOUNT, TWO HANDLE PUSH . 832-AA-HOSE AND BRACKET. CUUM BREAKER AND WALL LL MOUNTED ET1LN32CP (1-1/2" ETER VALVE (1.28 GPF) RRIER. ED INCLUDING STRAINER,

CUUM BREAKER) HIGH OUNT FIXTURE RIM AT 17" AFF. 16-1/2", 6" BACKSPLASH, WITH

INK, STAINLESS STEEL, SH, ADJUSTABLE FEET. ARC SWING SPOUT, 4"

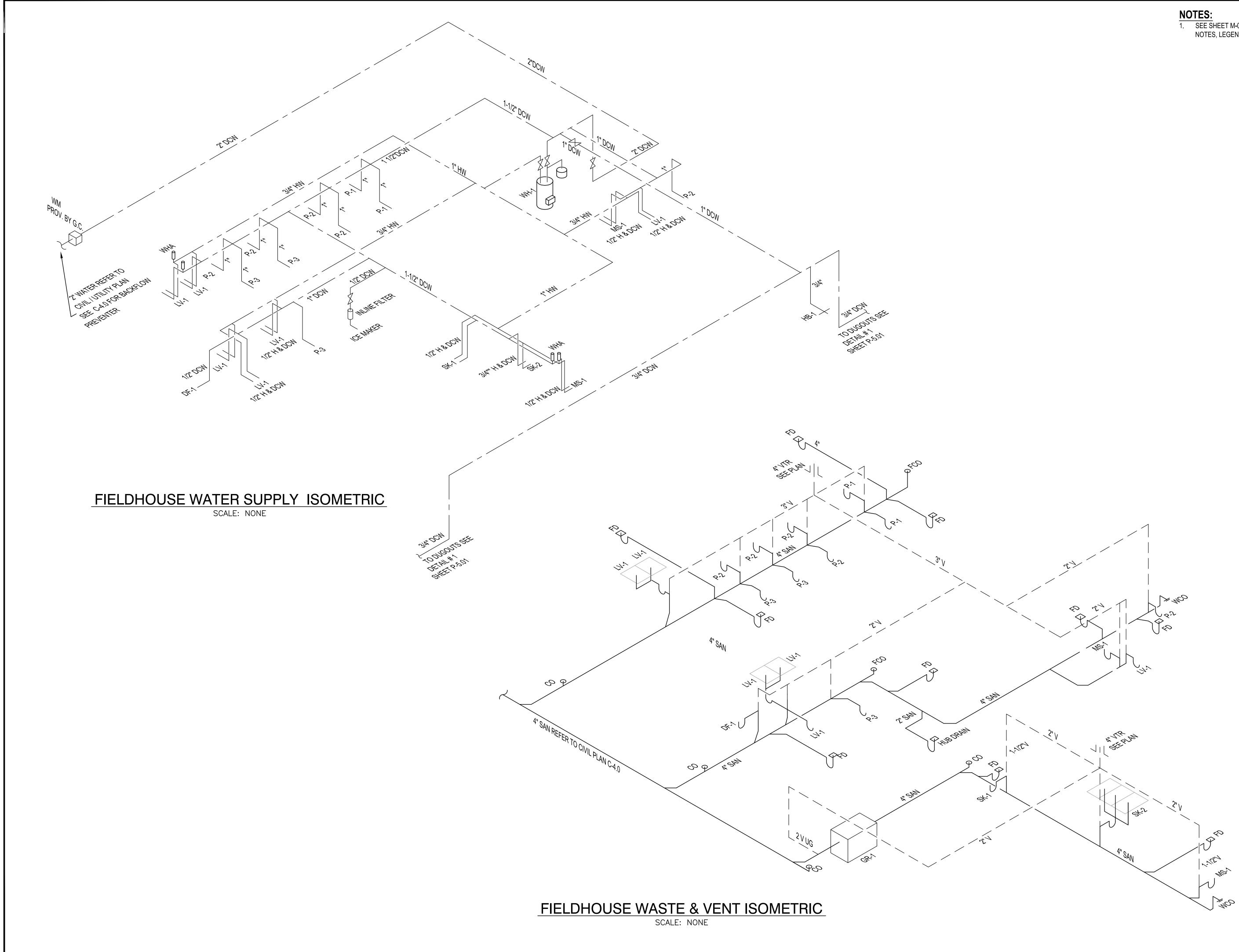
Robert and Company Engineers, Architects, Planners 229 Peachtree Street, N.E. International Tower Suite 2000. Atlanta, Georgia 30303–1629 404 577–4000 FAX: 404 577–7119										
SKXLINEERING & CONSTRUCTION P:888.706.0661 F:770.217.7530 www.skyline-ec.com										
PRICING SET	ADDENDUM #1	ADDENDUM #3	ADDENDUM #4		BUILDING PLAN REVIEW		REVISION			
04-13-2017 MDC	04-26-2017 MDC	05-05-2017 MDC	05-11-2017 MDC		06-21-2017 MDC		SYMBOL DATE BY			
SEAL		PROF	A LES MG		CON SON ELE	A A A				
	Dunwoody Aseball Facilities at BROOK RUN PARK									
DESIGNED DRAWN CHECKED DATE CLIENT DF DJB WBH BATE CLIENT PROJECT NO. C-1610-10 SCALE AS SHOWN OLATION C-1610-10 SCALE DRAWING TITLE SCALE AS SHOWN PLUMBING EQUIPMENT SCHEDULES PROJECT BRO BASEBA										

SHEET

OF

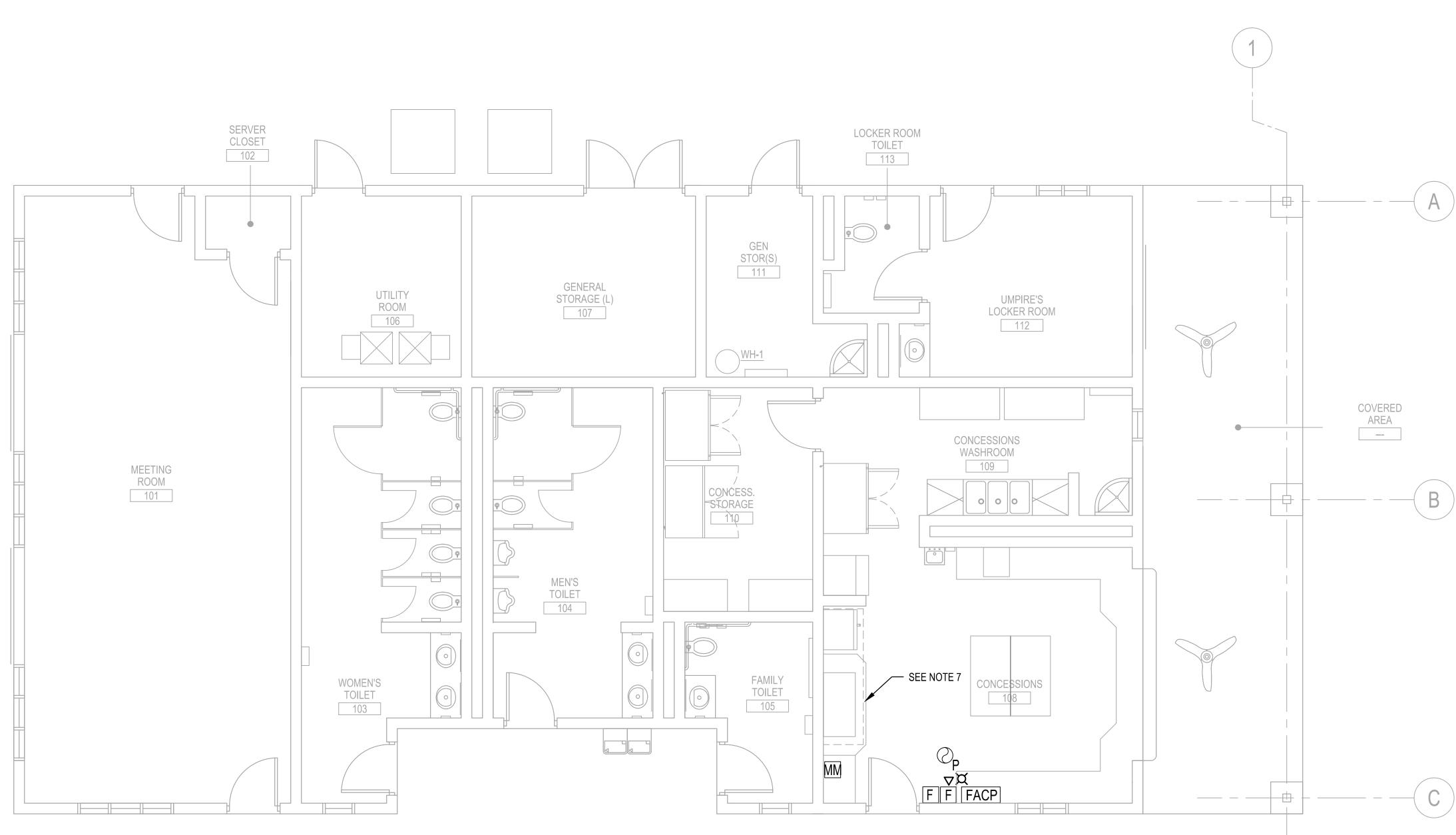
NOTES:

1. SEE SHEET M-0.01 FOR MECHANICAL & PLUMBING NOTES, LEGEND AND ABBREVIATIONS.



- NOTES: 1. SEE SHEET M-0.01 FOR MECHANICAL & PLUMBING NOTES, LEGEND AND ABBREVIATIONS.

S K Y L I N E ENGINEERING & CONSTRUCTION P:888.706.0661 F:770.217.7530 www.skyline-ec.com										
PRICING SET	ADDENDUM #1	ADDENDUM #3	ADDENDUM #4	BUILDING PLAN REVIEW		REVISION				
04-13-2017 MDC	04-26-2017 MDC	05-05-2017 MDC	05-11-2017 MDC	06-21-2017 MDC		SYMBOL DATE BY				
SEAL	20	HORE NOT	A B	CO BENE	Non and and and and and and and and and an	SY				
				RASERALL FACILITIES AT						
DF DJB WBH CHECKED DATE DJB WBH PROJECT NO. C-1610-10 SCALE AS SHOWN					RAC #: 1700200					
SHE	P		9	0 0F	1					



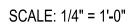
	M-101			
	AN	NUNC	ATION	AT
	L	OCAL	PANEL	S
SYSTEM INPUTS	AUDIO-VISUAL FIRE ALARM INDICATION BY ZONE	AUDIO-VISUAL TROUBLE INDICATION BY ZONE	AUDIO-VISUAL COMMON TROUBLE INDICATION	AUDIO-VISUAL ALARM
FIRE ALARMS	A	В	С	
MANUAL FIRE ALARM STATIONS	X			X
SPOT-TYPE SMOKE DETECTORS HOOD WET CHEMICAL SYSTEM	X X			X
	^			
TROUBLE CONDITIONS				
LOW BATTERY VOLTAGE			Х	
CIRCUIT FAULT		X	X	
SUPERVISED COMPONENT FAILURE			X	
AC POWER FAILURE			Х	

2 M-101

FACILITY FIRE DETECTION & ALARM SYSTEM FUNCTIONAL MATRIX

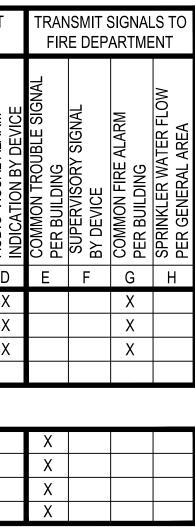
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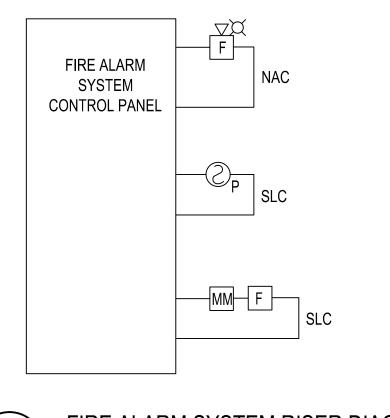
FIELDHOUSE FIRE ALARM PLAN



1









FIRE ALARM SYSTEM RISER DIAGRAM

SCALE: NONE

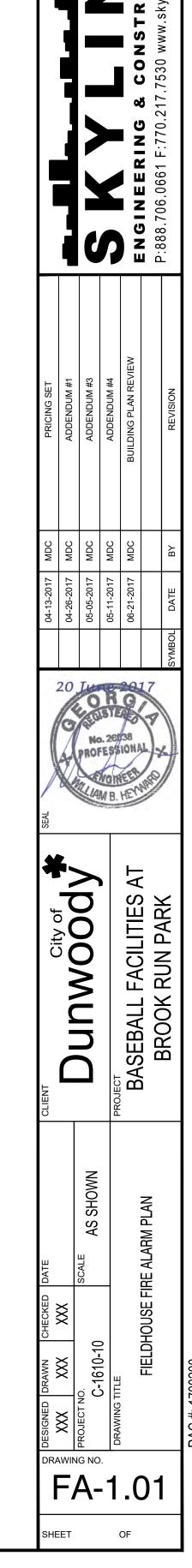


NOTES:

- 1. CONTRACTOR SHALL INSTALL THE FIRE ALARM SYSTEM IN ACCORDANCE WITH NFPA 72, AND THE SPECIFICATIONS.
- 2. DEVICES ARE SHOWN IN SUGGESTED LOCATIONS. FINAL QUANTITY AND LAYOUT OF DEVICES SHALL BE IN ACCORDANCE WITH APPLICABLE CODES, MANUFACTURER'S RECOMMENDATIONS, AND EQUIPMENT LISTINGS.
- 3. ALL FIRE ALARM CONDUCTORS SHALL BE SUPPLIED BY THE FIRE ALARM CONTRACTOR.
- 4. SMOKE SENSORS SHALL NOT BE LOCATED IN A DIRECT AIRFLOW, NOR CLOSER THAN 3FT. FROM AN AIR SUPPLY DIFFUSER OR RETURN AIR OPENING.
- 5. ALL AUDIBLE APPLIANCES WITHIN THE PROJECT AREA AND ALL VISUAL APPLIANCES WITHIN THE SAME ROOM SHALL BE SYNCHRONIZED.
- 6. EFFECTIVE INTENSITY OF ALL VISUAL ANNUNCIATION DEVICES SHALL BE 75 CANDELA UNLESS NOTED OTHERWISE.
- 7. PROVIDE A PRE-ENGINEERED WET CHEMICAL FIRE SUPPRESSION SYSTEM TO PROTECT EACH EXHAUST HOOD. SYSTEM SHALL INCLUDE WET CHEMICAL RESERVOIRS, APPLIANCE DROPS, REMOTE PULL STATIONS, DRY-CONTACT MICRO-SWITCH AS REQUIRED TO ACTUATE SHUT-DOWN OF THE MAKE-UP AIR FAN AND ELECTRICAL POWER SUPPLY TO GRILLE HEATING ELEMENTS, AND ALL WIRING AND ACCESSORIES REQUIRED FOR A COMPLETE SYSTEM. ALL INSTALLATIONS MUST MEET CURRENT UL-300 CRITERIA; THE LATEST NFPA 96 AND NFPA17A (WET CHEMICAL) GUIDELINES, AND ALL APPLICABLE FEDERAL, STATE AND LOCAL LAWS, RULES, REGULATIONS AND CODES. THE FIRE SUPPRESSION SYSTEM'S EXTINGUISHING AGENT SHALL BE AMEREX KP OR ENGINEER APPROVED SUBSTITUTE. UNITS SHALL BE HOUSED IN STAINLESS STEEL CABINET. VERIFY DRAWINGS FOR ACTUAL LOCATION.

FIRE ALARM LEGEND

F	FIRE ALARM PULL STATION
X V F	FIRE ALARM HORN & STROBE COMBO
P	PHOTOELECTRIC SMOKE DETECTOR
FCP	FIRE ALARM CONTROL PANEL
MM	MONITORING MODULE (ADDRESSABLE)



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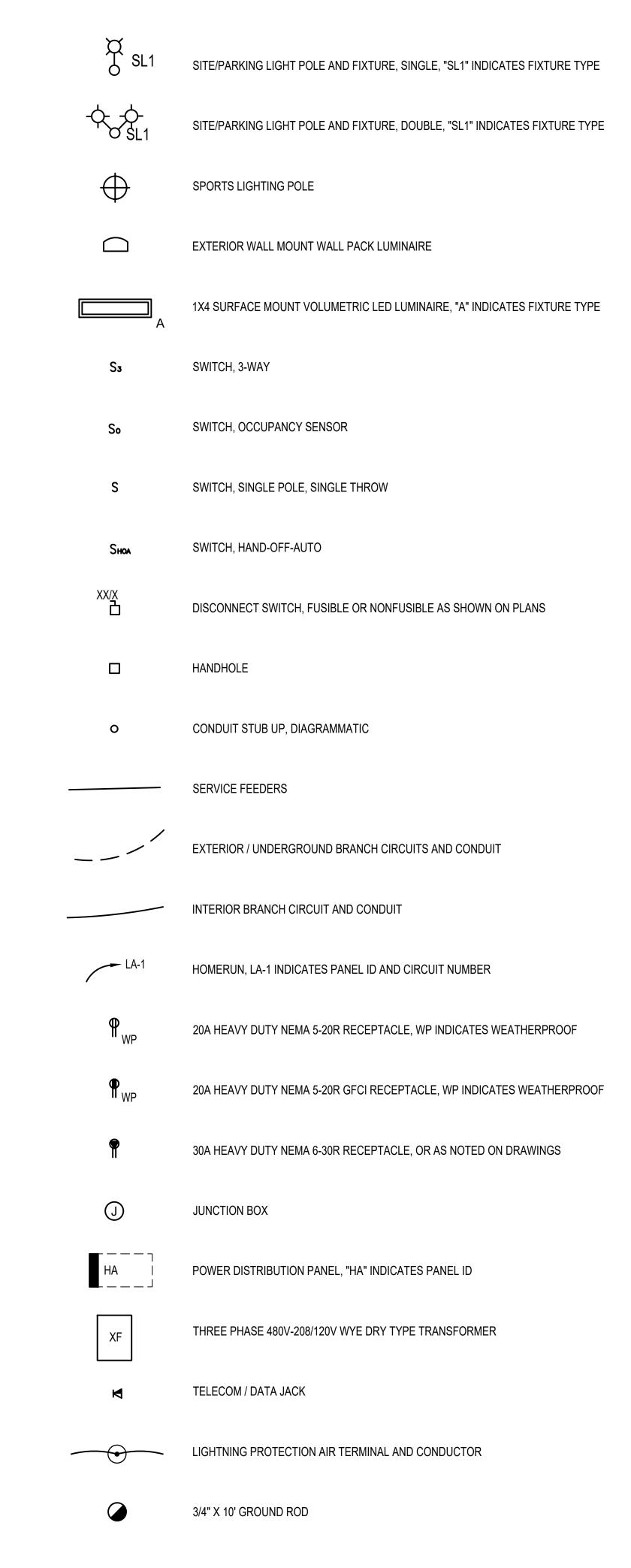
Robert Engineers, *J* 229 Peachtree Suite 2000. *J* 404 577-4000

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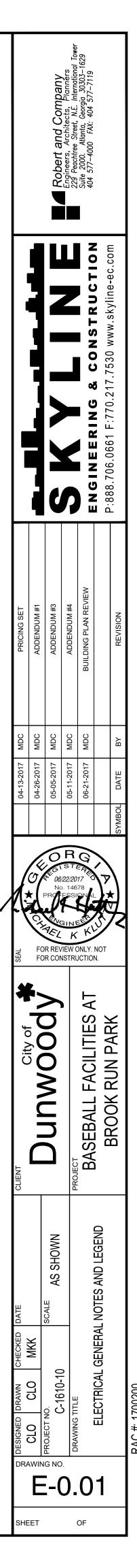
SCALE: 1/4" = 1'-0"

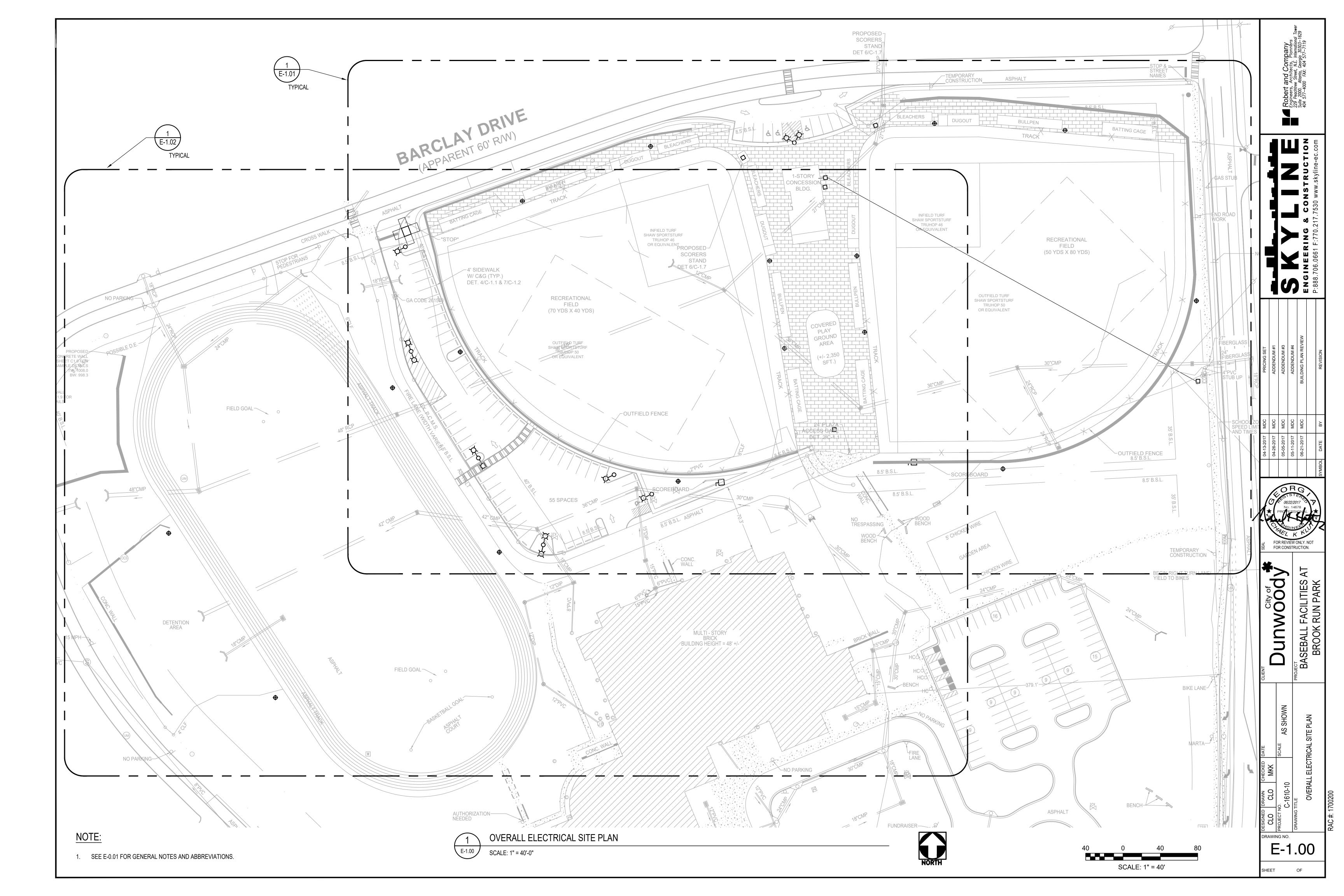
ELECTRICAL LEGEND

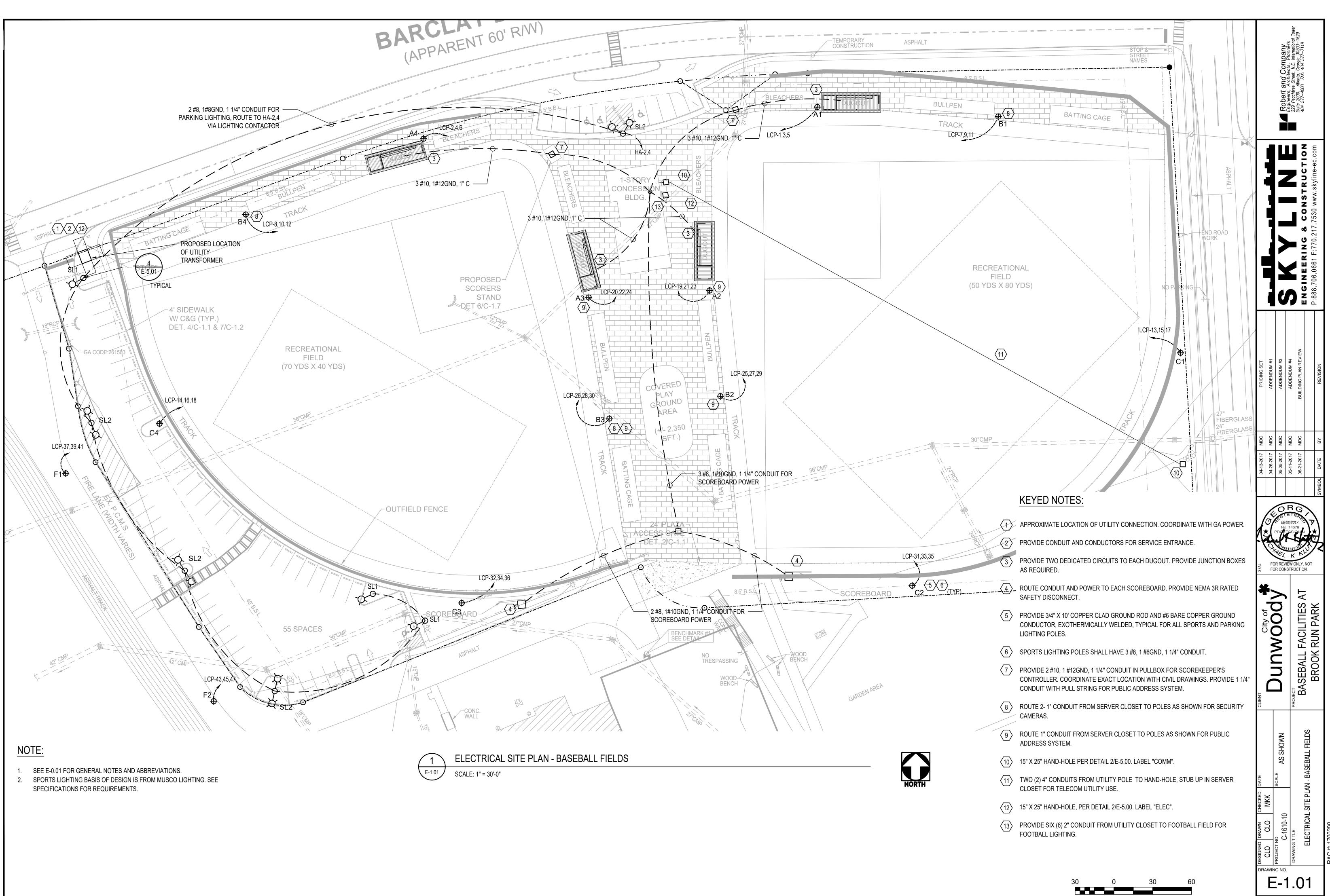


GENERAL NOTES:

- 1. ALL WORK SHALL COMPLY WITH NFPA 70 NATIONAL ELECTRICAL CODE AND STATE/LOCAL ORDINANCES.
- 2. ALL MATERIAL SHALL BE NEW AND SHALL BEAR UL OR EQUIVALENT APPROVALS FROM RECOGNIZED TESTING ORGANIZATIONS. ALL MATERIAL SHALL HAVE BEEN MANUFACTURED IN THE USA NO MORE THAN ONE YEAR PRIOR TO PURCHASE FOR THIS PROJECT.
- 3. THESE DRAWINGS ARE NOT APPROVED FOR CONSTRUCTION AND WILL BE AUGMENTED BY DETAILED SPECIFICATIONS UPON FINAL ISSUE.
- 4. ALL INTERIOR CIRCUITRY SHOWN IS TO BE 3#12AWG, 1/2" CONDUIT, PER CIRCUIT, UNLESS NOTED OTHERWISE.
- 5. HOMERUNS SHOWN AS INDIVIDUAL CIRCUITS MAY BE COMBINED INTO A COMMON CONDUIT, PROVIDED NO MORE THAN THREE (3) CIRCUITS ARE ROUTED IN ANY RACEWAY. CIRCUITS THAT SHARE NEUTRALS MUST BE FROM DIFFERENT PHASES.
- 6. ELECTRICAL DEVICES AND PLANS ARE IN PART DIAGRAMMATIC. SEE DETAIL 1/E-5.00 FOR DEVICE INSTALLATION IN CMU WALL.
- 7. COORDINATE ALL UTILITY REQUIREMENTS WITH GA POWER. CONTRACTOR SHALL PROVIDE CONCRETE EQUIPMENT PAD FOR PAD-MOUNT TRANSFORMER. CONTRACTOR SHALL PAY ALL GA POWER FEES.
- 8. PROVIDE AN EMPTY 1" CONDUIT WITH PULL STRING IN THE UTILITY ROOM FOR FUTURE TELECOM REQUIREMENTS.
- 9. COORDINATE ALL CONCESSIONS RECEPTACLE MOUNTING HEIGHTS WITH ARCHITECTURAL PLANS, SECTIONS, AND ELEVATIONS.
- 10. FOR EACH TELECOM/DATA JACK SHOWN, PROVIDE A SINGLE GANG BOX WITH A BLANK FACEPLATE AND 3/4" CONDUIT BACK TO THE UTILITY CLOSET. EACH CONDUIT SHALL CONTAIN A PULL STRING.
- 11. MAINTAIN ALL EQUIPMENT MINIMUM CLEARANCE REQUIREMENTS.
- 12. THE DUGOUT PLAN SHOWN IS TYPICAL. EACH DUGOUT IS TO GET TWO DEDICATED CIRCUITS. SEE ELECTRICAL SITE PLAN FOR CONDUCTOR AND CONDUIT SIZING.



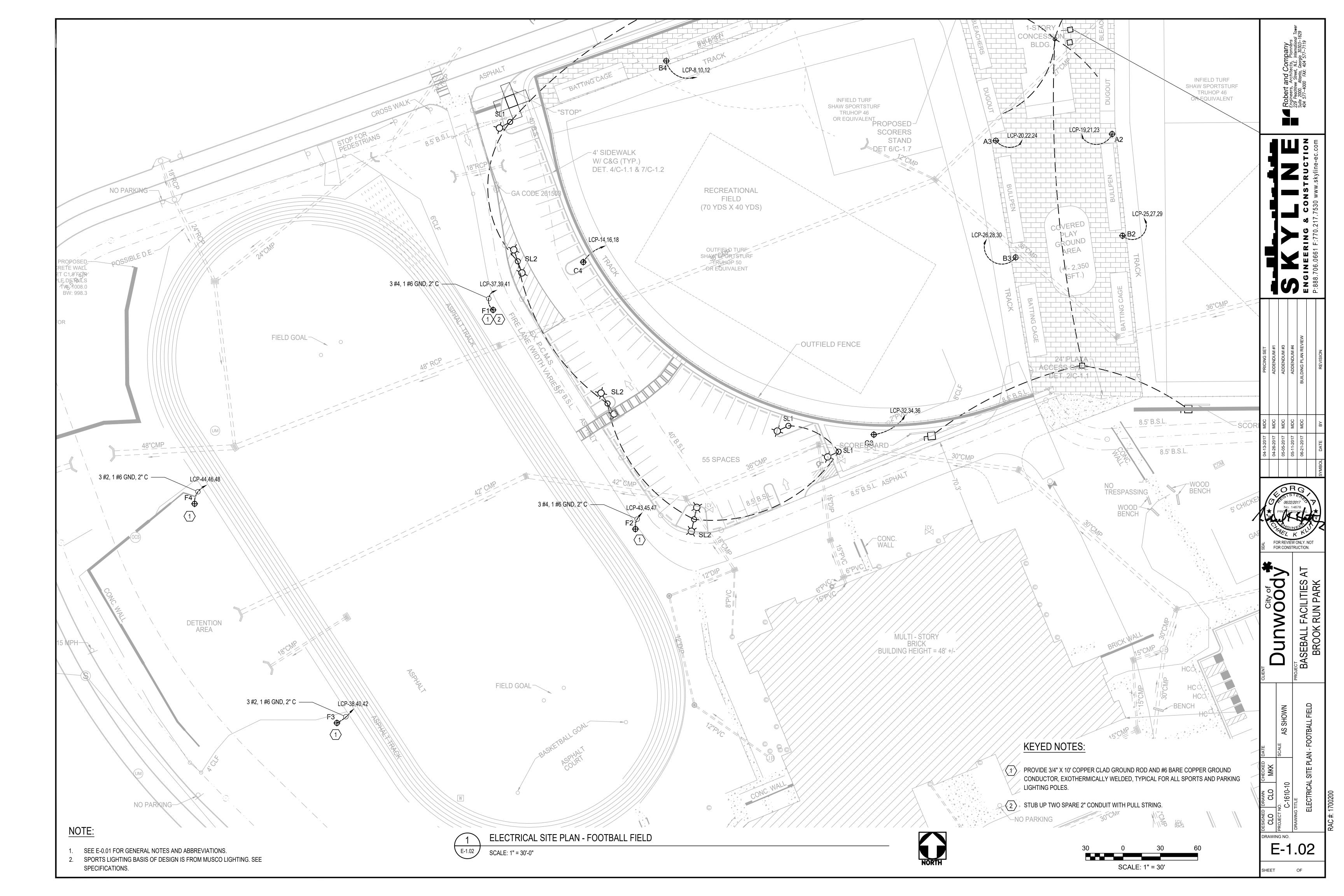


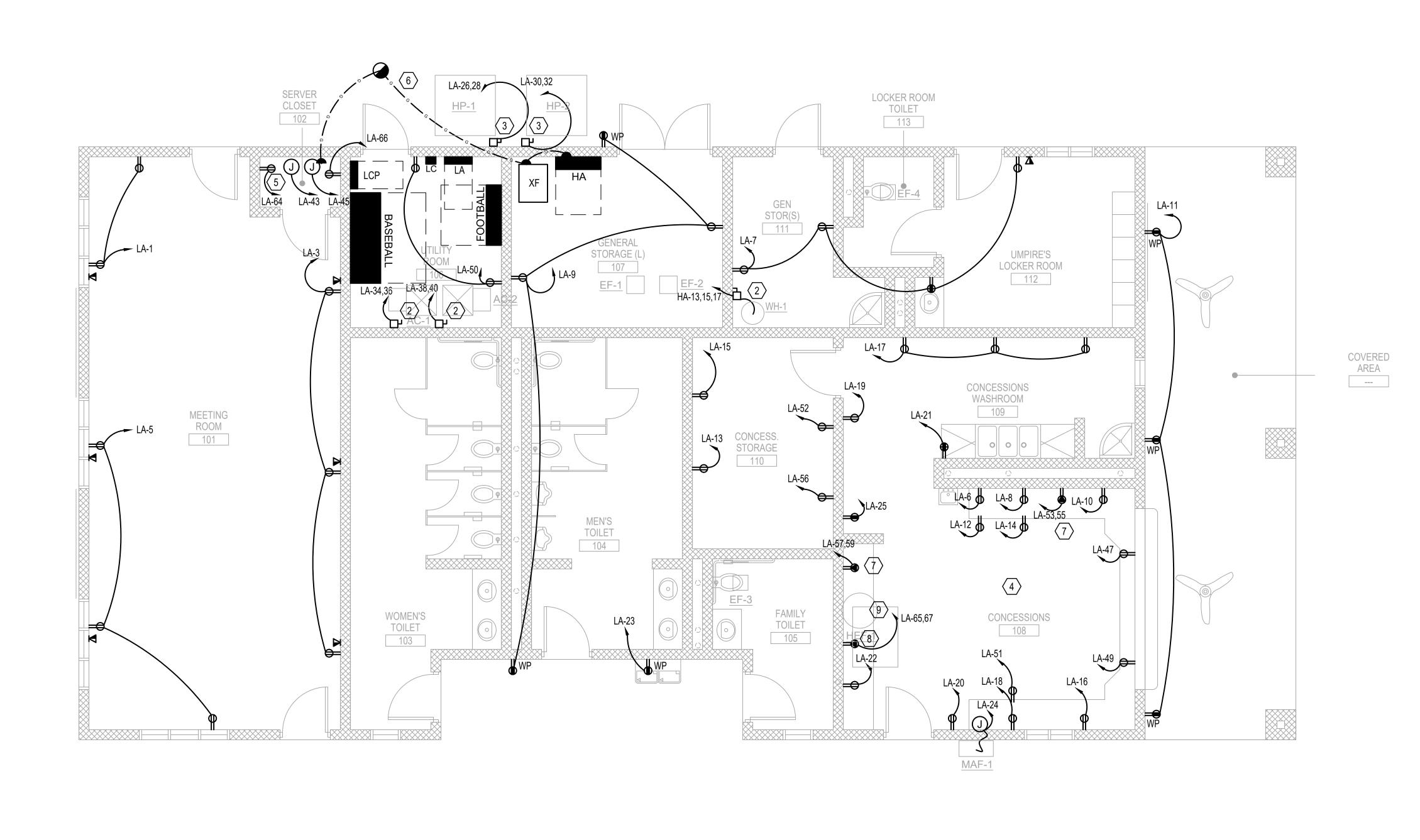


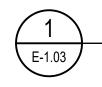
OF

SHEET

SCALE: 1" = 30'

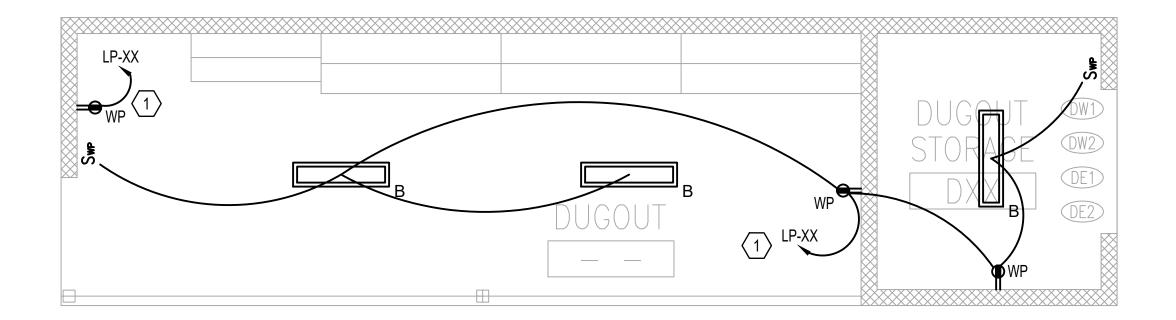


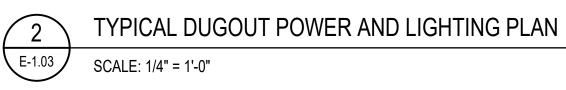




FIELDHOUSE POWER PLAN

SCALE: 1/4" = 1'-0"





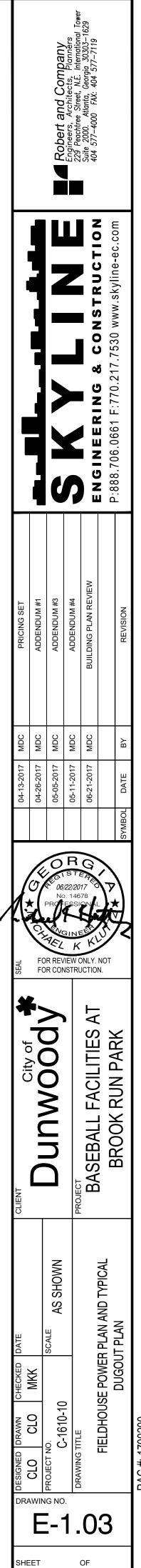


NOTE:

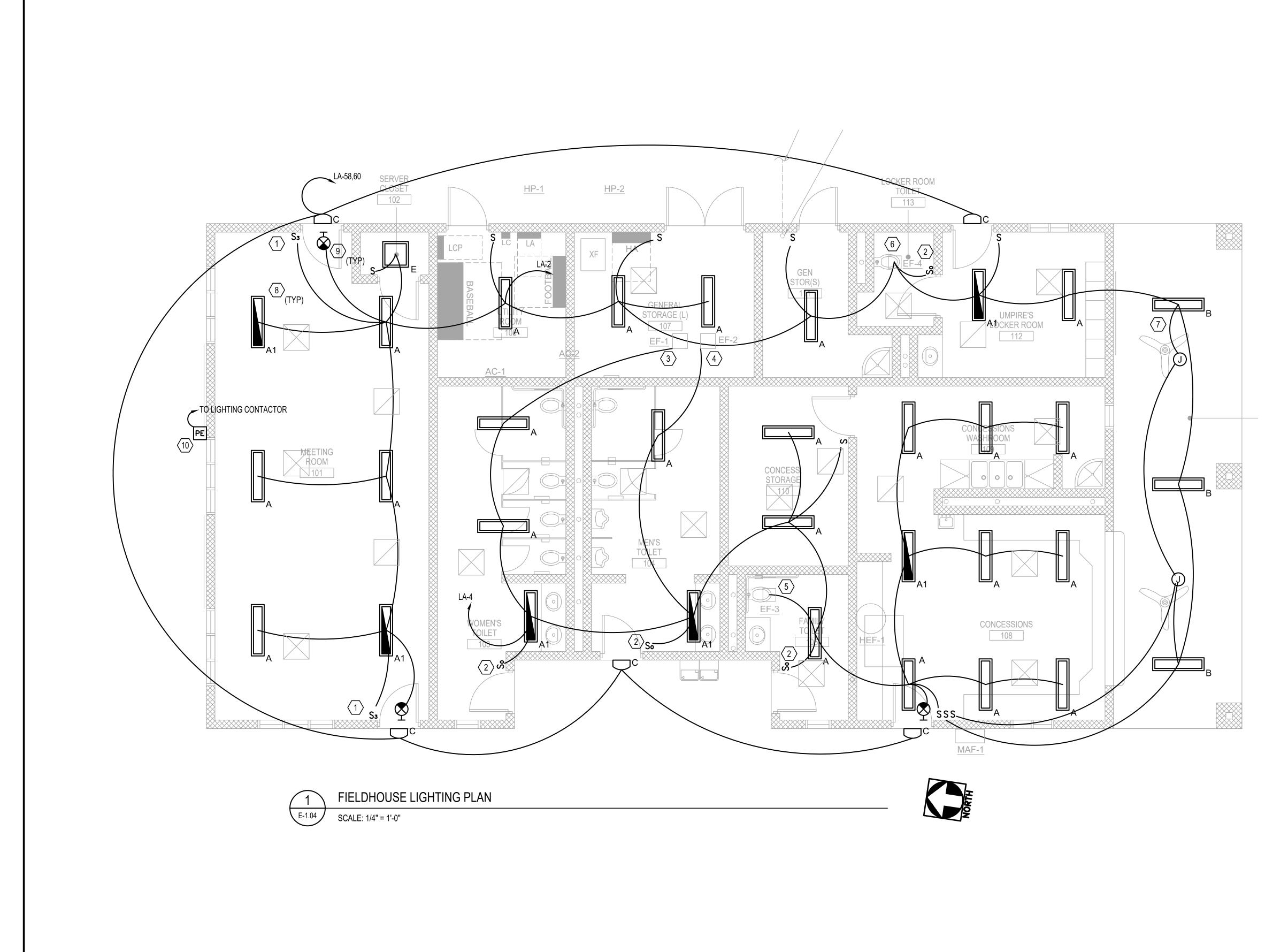
1. SEE E-0.01 FOR GENERAL NOTES AND ABBREVIATIONS. 2. SEE A-4.03 FOR KITCHEN EQUIPMENT LAYOUT.

KEYED NOTES:

- (1) PROVIDE TWO CIRCUITS TO EACH DUGOUT. SEE PANEL SCHEDULE. TYPICAL DUGOUT
- (2) 60A NONFUSED DISCONNECT, 3 #10, 1 #12 GND
- (3) 60A DISCONNECT FUSED PER MANUFACTURER RECOMMENDATIONS, NEMA 3R
- $\langle 4 \rangle$ SEE A-4.02 FOR RECEPTACLE HEIGHTS IN CONCESSIONS AREA
- 5 STUB UP TWO (2) 1 1/4" CONDUIT WITH TWO (2) #12GND FOR FUTURE EQUIPMENT.
- 6 PROVIDE 3/4" 10' COPPER CLAD GROUND ROD WITH #4/0 GROUND TO SERVICE ENTRANCE PANEL HA AND SERVER CLOSET.
- 7 30A 208V RECEPTACLE, 3 #10, 1 #12, 3/4" CONDUIT
- (8) 60A 208V CIRCUIT, 3 #6, 1 #10, 1" CONDUIT, FOR GRIDDLE
- 9 LA-24 TO BE USED FOR ROOFTOP FAN



4	0	4	
	SCALE:	1/4" = 1'-0"	

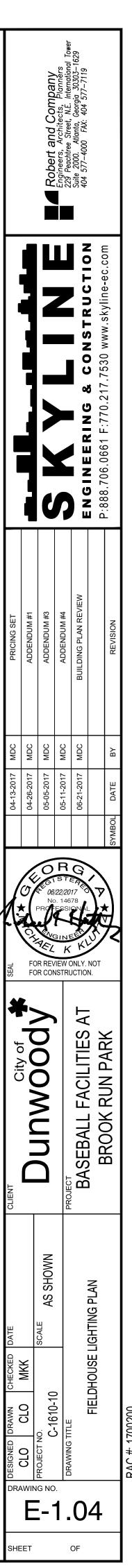


NOTE:

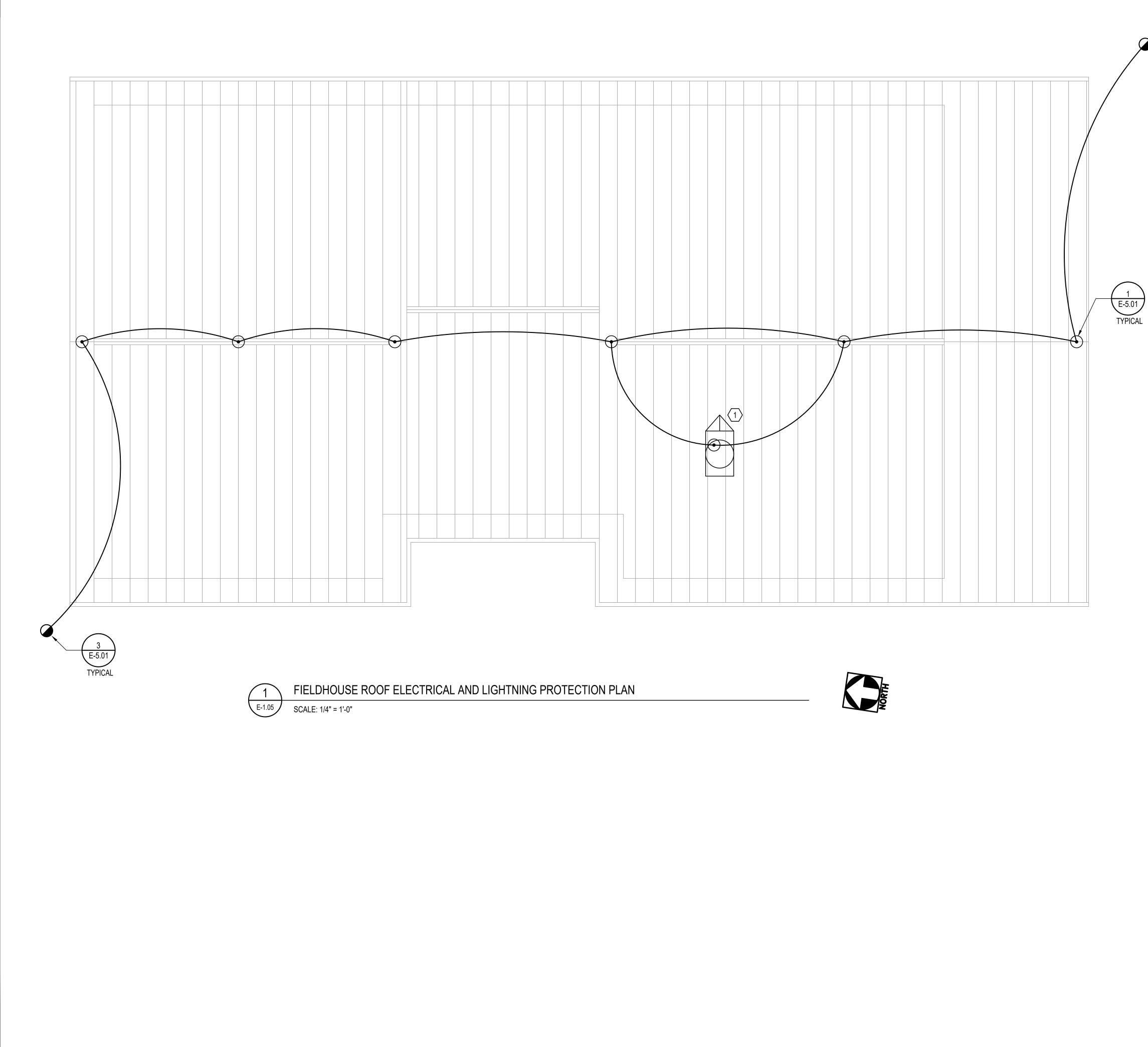
1. SEE E-0.01 FOR GENERAL NOTES AND ABBREVIATIONS.

KEYED NOTES:

- 1 PROVIDE 3-WAY SWITCHES, SWITCH LEGS, AND TRAVELERS AS REQUIRED IN THE MEETING ROOM
- 2 PROVIDE OCCUPANCY SENSORS IN THE TOILETS
- 3 INTERLOCK EF-1 WITH WOMEN'S TOILET LIGHTS
- 4 INTERLOCK EF-2 WITH MEN'S TOILET LIGHTS
- 5 INTERLOCK EF-3 WITH FAMILY TOILET
- 6 EF-4 WITH LIGHT KIT WILL BE THE ONLY LIGHT FIXTURE IN LOCKER ROOM TOILET. PROVIDE OCCUPANCY SENSOR
- 7INTERCEPT CIRCUIT LA-2 FOR THE BIG ASS FANS UNDER COVERED AREA. PROVIDE
SEPARATE SWITCH LEG. PROVIDE BLOCKING WHERE REQUIRED TO MOUNT FIXTURES
- 8 EMERGENCY / BATTERY BACKUP FIXTURES TO BE CONNECTED TO AN UNSWITCHED HOT LEG, DUAL INPUT DRIVER FOR EMERGENCY OPERATION IN PARALLEL WITH NORMAL OPERATION.
- 9 EXIT LIGHTS TO BE CONNECTED TO UNSWITCHED HOT LEG. LOCATIONS ARE DIAGRAMMATIC. EXIT SIGNS ARE TO BE CENTERED OVER THE DOOR.
- 10 PHOTOCELL ROUTED TO LIGHTING CONTACTOR FOR WALL PACKS AND PARKING LOT LIGHTING.



SCALE: 1/4" = 1'-0"



NOTE:

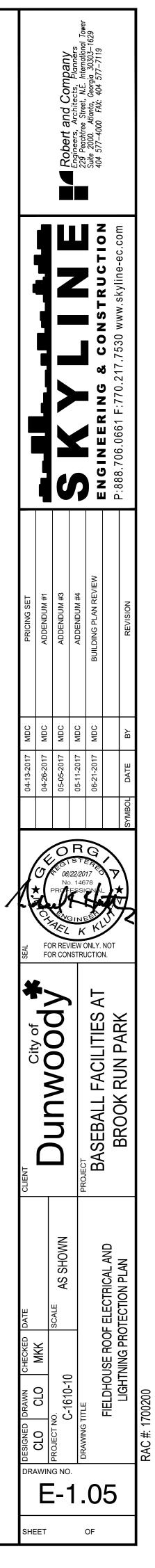
1. SEE E-0.01 FOR GENERAL NOTES AND ABBREVIATIONS.

2. SEE SPECIFICATION SECTION 264113 LIGHTNING PROTECTION FOR STRUCTURES.

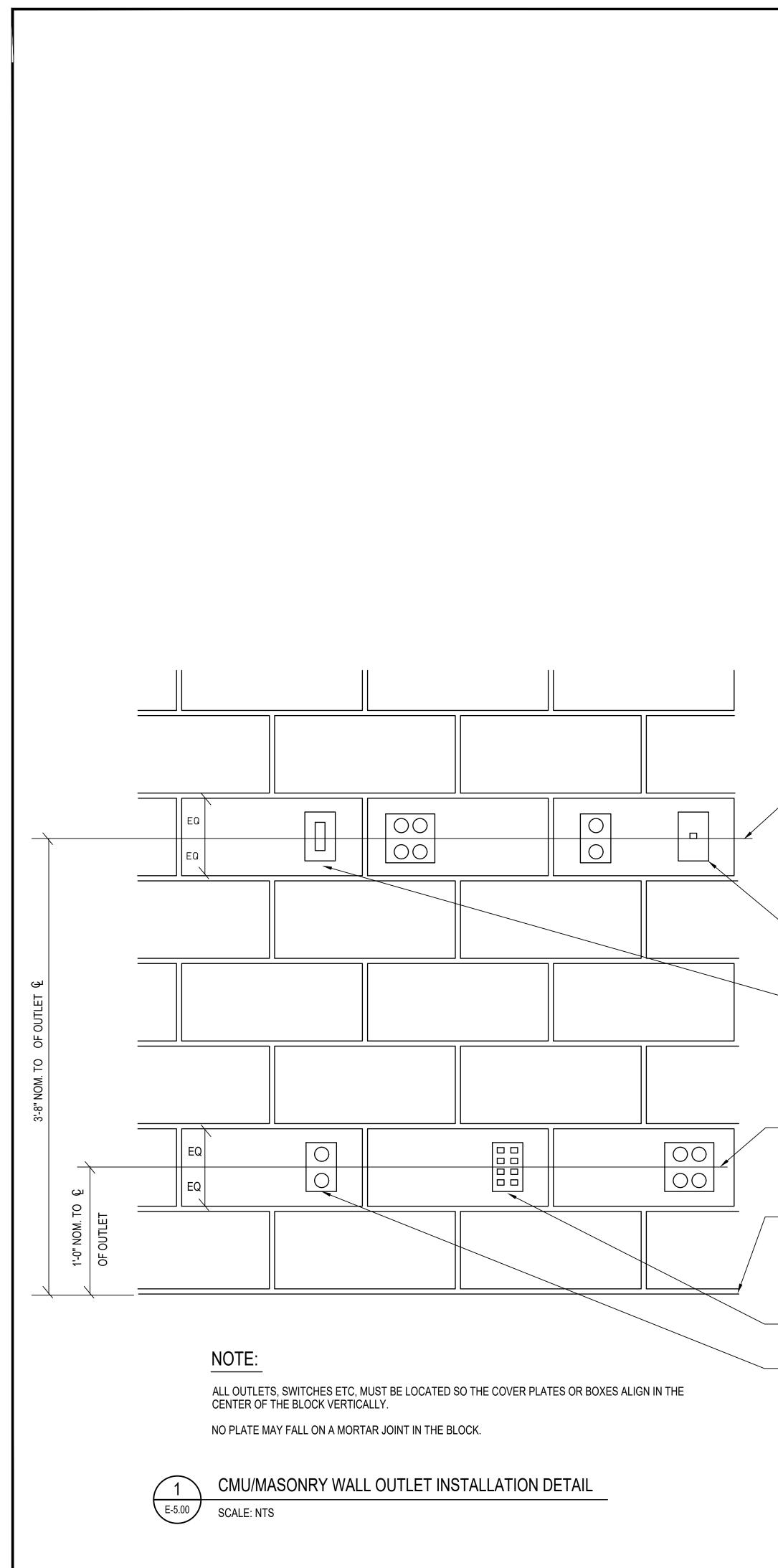
KEYED NOTES:

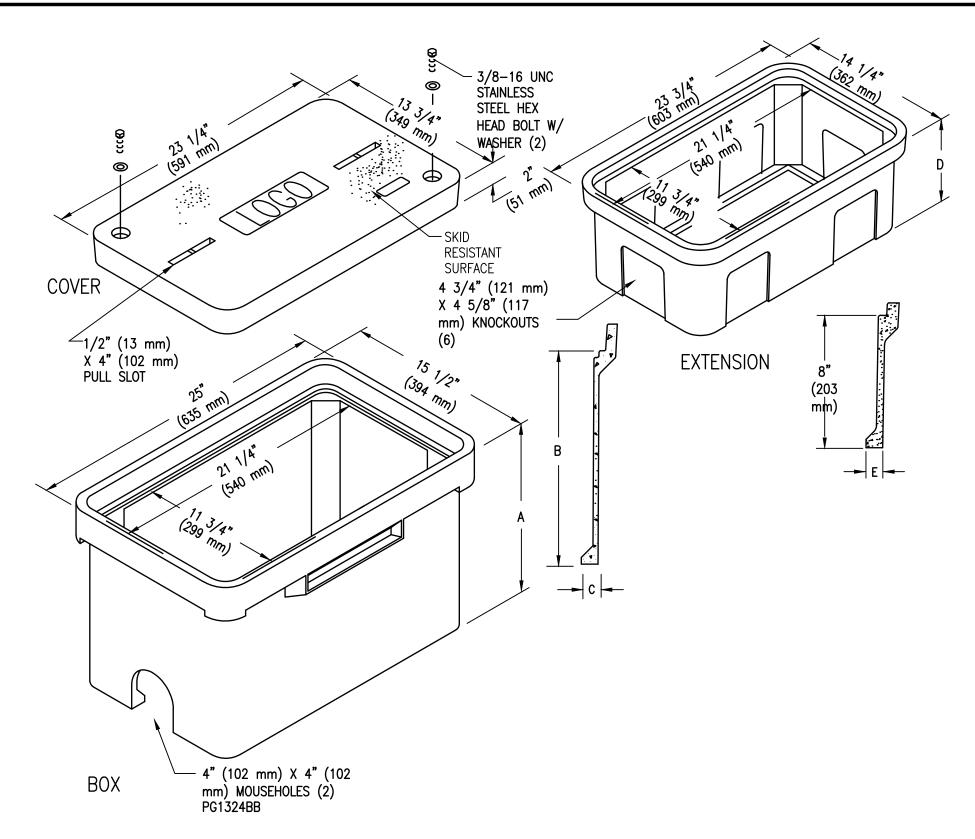


1 INTERCEPT CIRCUIT LA-24 FOR KITCHEN EXHAUST FAN.









CENTER LINE OF COVER PLATE

WALL PHONE OUTLET

– LIGHT SWITCH

CENTER LINE OF LOW COVER PLATES AND BOXES

— FLOOR

- TELEPHONE OR COMPUTER OUTLET

- DUPLEXOUTLET

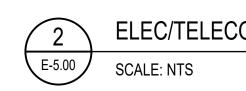
BOXES

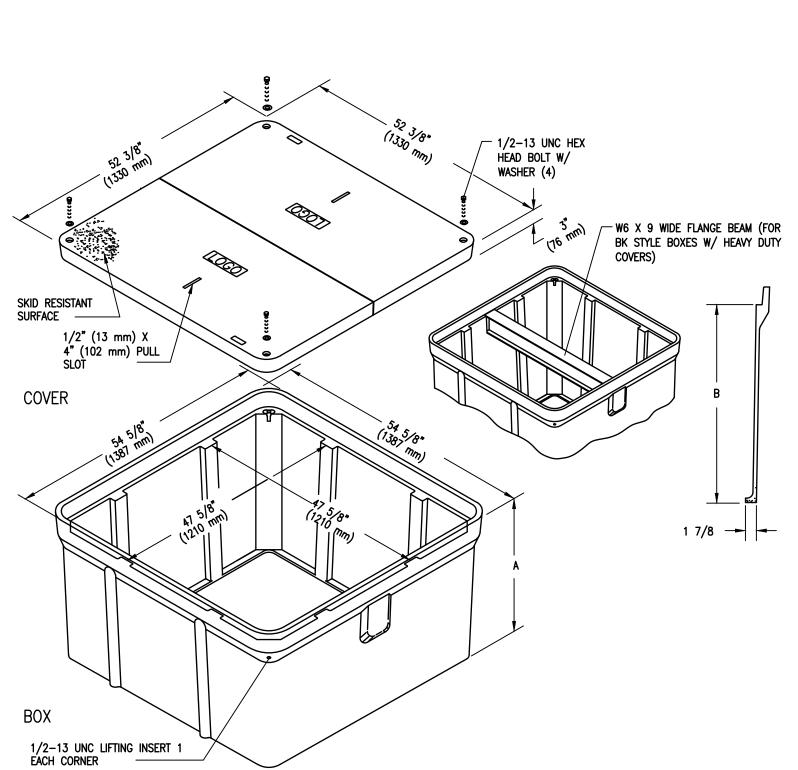
DESCRIPTION	WEIGHT		DIMENSIONS	
	WLIGHT	A	В	С
(Stackable)	53# (24.0 kg)	12" (305 mm)	10" (254 mm)	1 1/4" (32 mm)
W/ No Base	62# (28.1 kg)	18" (457 mm)	16" (406 mm)	1 1/4" (32 mm)
W/ No Base (2)	49# (22.2 kg)	12" (305 mm)	10" (254 mm)	1 1/4" (32 mm)
Mouseholes	60# (27.2 kg)	18" (457 mm)	16" (406 mm)	1 1/4" (32 mm)
W/ Base	63 # (28.6 kg)		10" (254 mm)	N/A
W/ Duse	90 # (40.8 kg)	18 1/2" (470 mm)	16" (406 mm)	N/A
W/ No Base, Heavy Duty, W/ W6 X 9 Wide	509 # (231 kg)	36" (914 mm)	33" (838 mm)	N/A
Flange Beam	654 # (297 kg)	48" (1219 mm)	45" (1143 mm)	N/A
W/ Base, Heavy	658 # (298 kg)	36 1/2" (927 mm)	33" (838 mm)	N/A
Duty, W/ W6 X 9 Wide Flange Beam	800# (363 kg)	48 1/2" (1232 mm)	45" (1143 mm)	N/A

EXTENSIONS (For use under box only, one per

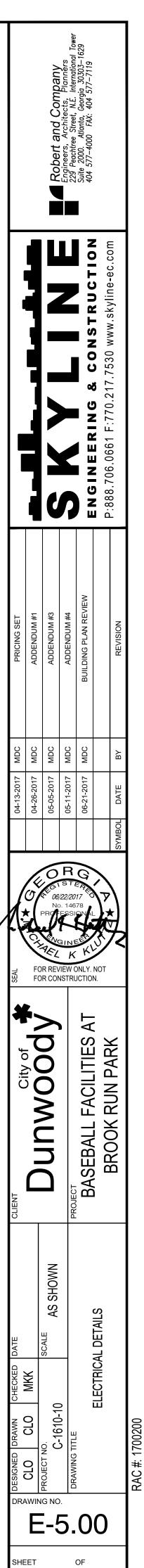
DESCRIPTION	PART NO.	WEIGHT	DIMENSI	ONS
	FART NU.	WEIGHT	D	E
W/ No Base	PG1324EA08	25# (11.3 kg)	8 3/4" (222 mm)	1" (25 mm)
W/ Base	PG1324RA08	35# (15.9 kg)	9 1/4" (235 mm)	N/A

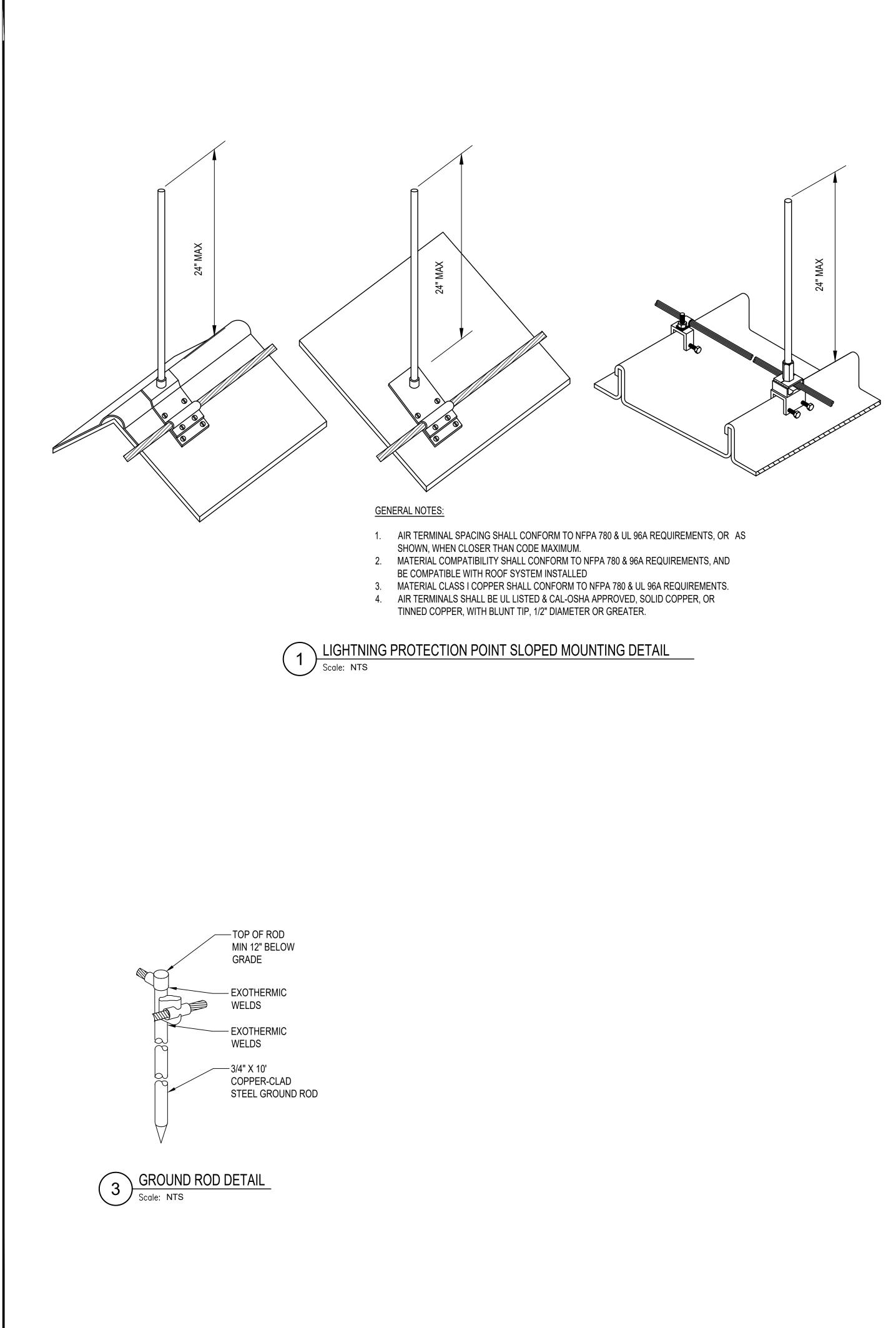
Dimensions in parenthesis are metric equivalent.

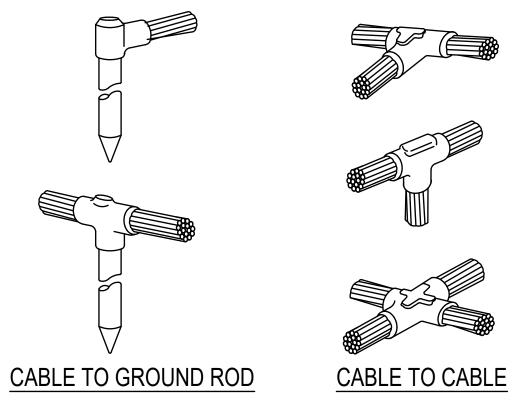




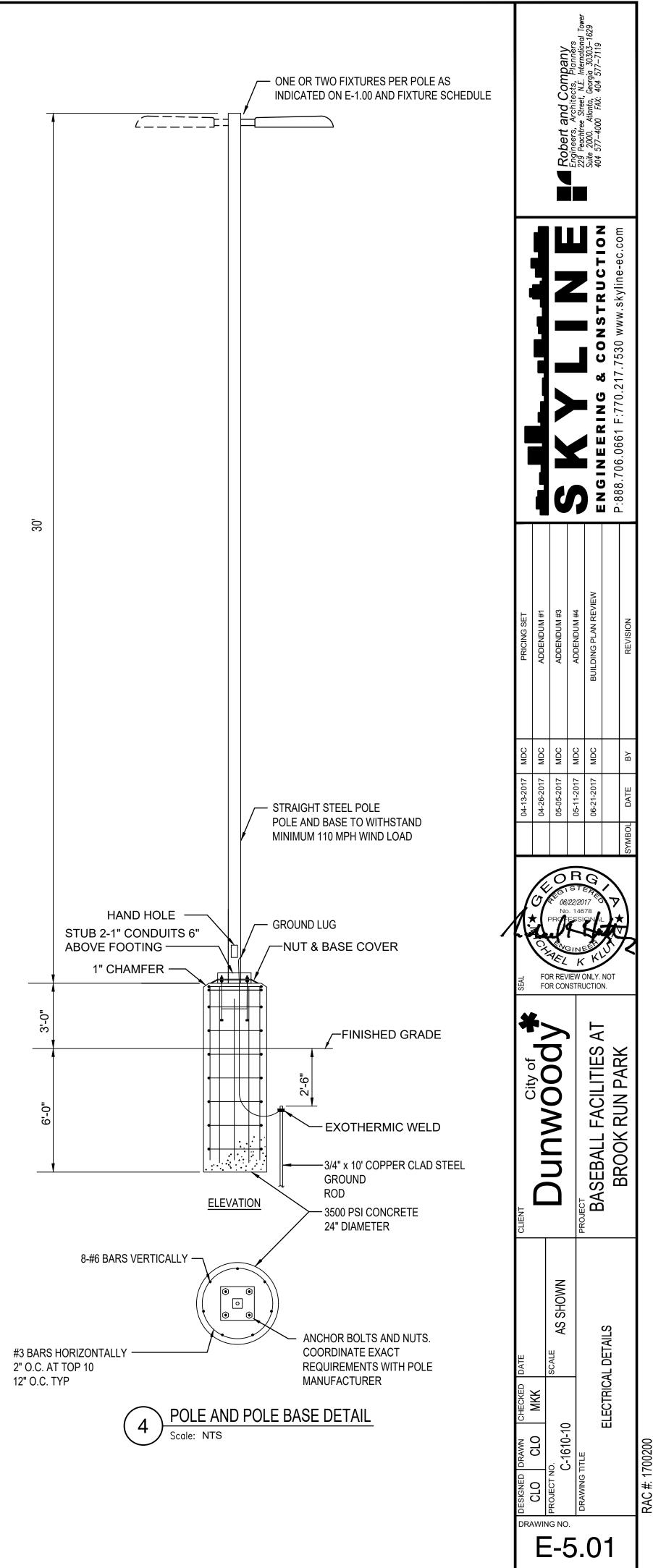
ELEC/TELECOMM HANDHOLE DETAIL







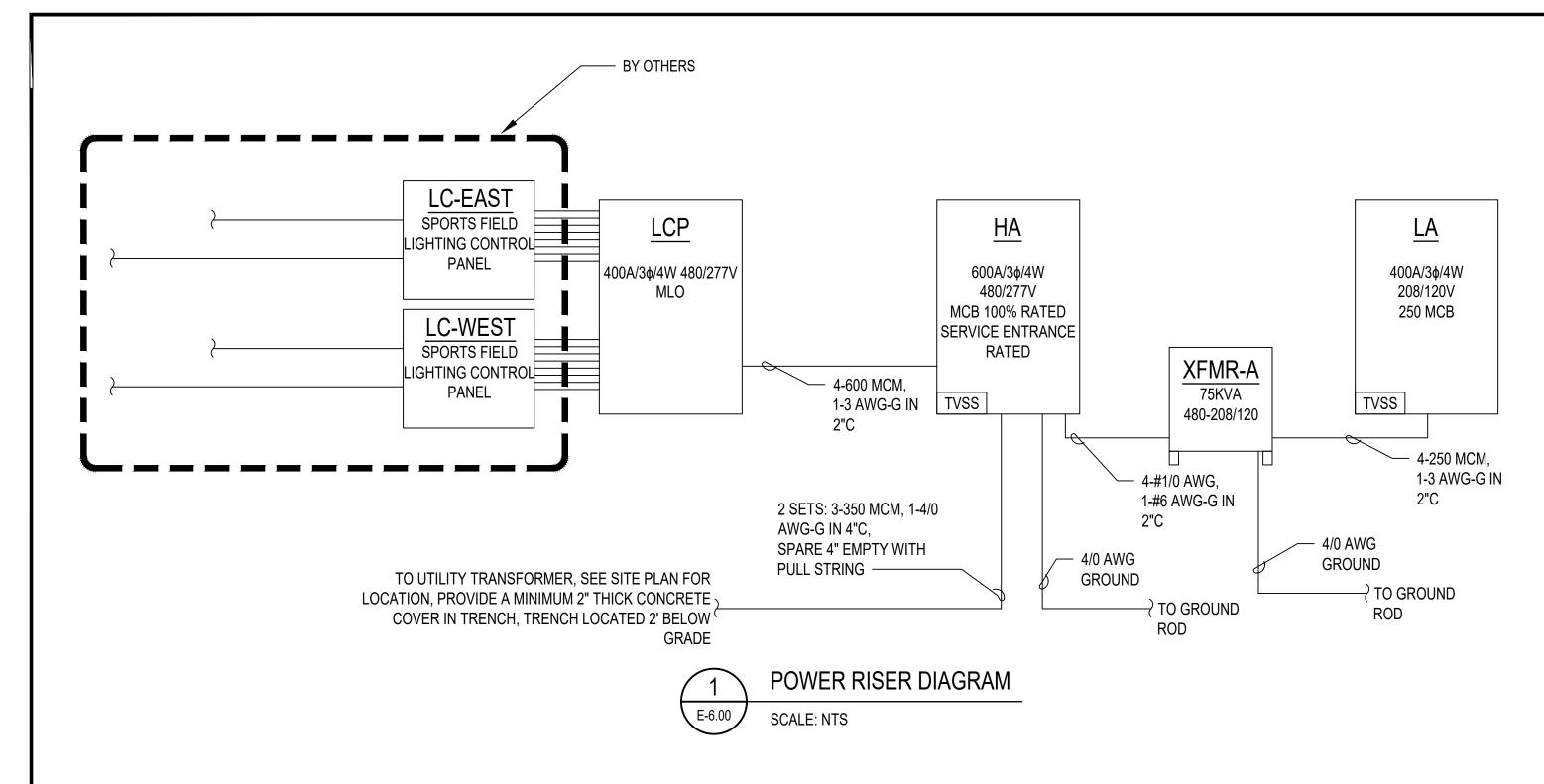
2 TYP EXOTHERMIC GROUND CONNECTIONS Scale: NTS



S

OF

SHEET



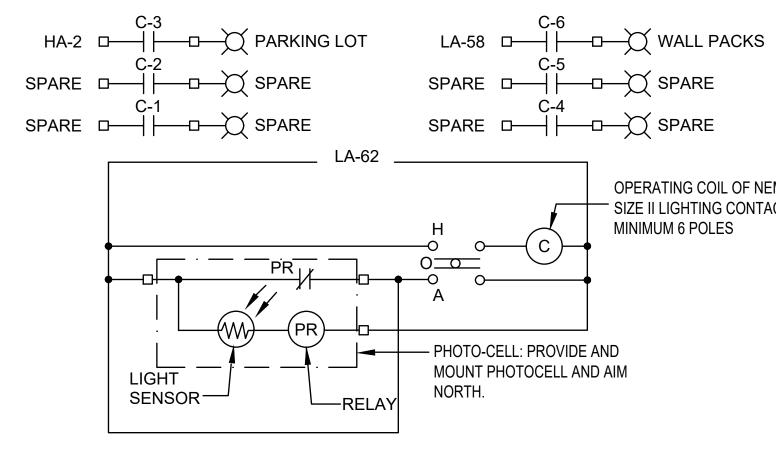
				FIELDHOUSE AND DUGOUT LIGHTING FIXTURE S	SCHEDUL
FIXTURE TYPE	TOTAL WATTS PER FIXTURE	FIXTURE VOLTAGE	MOUNTING STYLE	NOTES	
A	32	120	SURFACE		LITHON
A1	32	120	SURFACE		LITHON
В	32	120	SURFACE		LITHON
С	XX	120	WALL MOUNT		LITHON
D	0.8	120	SURFACE		LITHON
E	18	120	SURFACE		LITHON

				SITE LIGHTING FIXTURE SCHEDULE	
FIXTURE TYPE	TOTAL WATTS PER FIXTURE	FIXTURE VOLTAGE	MOUNTING STYLE	NOTES	
SL1	232	208	POLE	DETAIL 5/E-5.01 ONE FIXTURE PER POLE	LITHON
SL2	232	208	POLE	DETAIL 5/E-5.01 TWO FIXTURES PER POLE	LITHON

NOTE:

1. SEE SPECIFICATIONS FOR SPORTS LIGHTING

REQUIREMENTS.





PARKING AREA LIGHTING CONTROLS SCALE: NTS

PANEL: <u>HA</u>			VOLTAG E	480	/277	PHASE/W	IRE	3	3/4		LO	CATION	MECHANI	CAL/ELEC R	OOM				s nal Tower - 1629 9
MAIN BUS 600			MAIN CB	6	00	NEUTRAL		10	00%	BUS:	C	OPPER	GND:	COP	PER	FAUL	T DUTY	′: 30,000 AIC	Pany Planner Internatio 577–7118
LOAD INFORMA	TION			KVA				BREAK	KER RATING	/POLES	1			KVA			L	DAD INFORMATION	Com t, N.E. t, 404
LOAD	NOTE	ТҮРЕ	PH-A	PH-B	PH-C	CKT	Р	СВ	PH	СВ	Р	СКТ	PH-A	PH-B	PH-C	ТҮРЕ	NOTE	LOAD	Robert and Company Engineers, Architects, Planners 229 Peachtree Street, N.E. International Tower Suite 2000. Atlanta, Georgia 30303–1629 404 577–4000 FAX: 404 577–7119
			74880			1			A		2	2	1500					PARKING LOT LIGHTING	Robe Engineet 229 Peac Suite 200 404 577-
PANEL LCP				74880		3	3	400	В	40	2	4		1500					
					74880	5			С			6			0				
			21040			7			A			8							
PANEL LA				21830		9	3	125	В	20	3	10						SPARE	
					25030	11			С			12							
			4000			13			A			14							
WATER HEATER				4000		15	3	30	В	20	2	16						SPARE	
					4000	17			С	20		18						SPACE	3
						19			А	20	2	20						SPACE	
SPARE						21	3	30	В	20	1	22						SPACE	
						23			С	20	1	24						SPACE	
MOUNTING: SURFACE			99920	100710	103910			А	В	С			1500	1500	0				
ENCLOSURE: NEMA 1			CONNECT	ED PHASE (I	KVA):			101420	102210	103910									
BUILT IN TVSS PER SPECS			CONNECT	ED CURREN	IT (A):			366.1	369	375.1									
NOTE	S:					TYPE	Ξ	KVA	DF	KVAxDF		LOAD TY	PES:						

NUTES:

1. PANEL DIMENSIONS TO BE A MAXIMUM OF 36" WIDE AND 11" DEEP.

TYPE
L
LM
М
0
R
R
S
CND

JLE MANUFACTURER / MODEL HONIA STL4-20L-MVOLT-LP840 IONIA STL4-20L-MVOLT-LP840-EL7L IONIA FEM-L48-6000LM-LPAFL-MD-MVOLT-40K-80CRI-MSI10NWLDSCNWL IONIA DSXW1-LED-10C-530-40K-T3M-MVOLT IONIA EXR-LED-EL-M6 ONIA 2ACLX2-20L--LP840

MANUFACTURER / MODEL

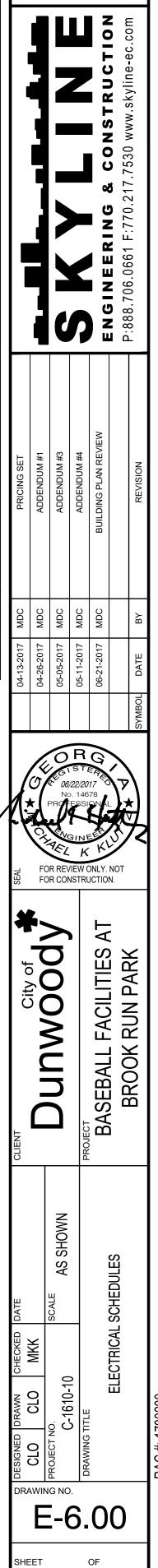
HONIA: DSX2-LED-100C-700-40K-TFTM-MVOLT-SPA-HS

HONIA: DSX2-LED-100C-700-40K-TFTM-MVOLT-SPA-HS

OPERATING COIL OF NEMA – SIZE II LIGHTING CONTACTOR, MINIMUM 6 POLES

KVA	DF	KVAxDF
307540	1.25	384425
0	1.25	0
0	1.0	0
0	1.00	0
0	1.00	0
0	0.50	0
0	0.50	0
307540	EMD	384425
E	MD (Amps)	462.40

LOAD TYPES:
L - LIGHTING
LM - LARGEST MOTOR
M - MOTOR LOAD
O - MISC OR OTHER TYPE LOADS
R - RECEPTACLE (First 10,000 VA per NEC)
R - RECEPTACLE (over 10,000 VA per NEC)
S - SPARE



PANEL: <u>LCP</u>		VOLTAG E	480)/277	PHASE/W	IRE	3/	4		LO	CATION	UTILITY R	OOM					
MAIN BUS 400		MLO	FULLY	RATED	NEUTRAL		100)%	BUS:	C	OPPER	GND:	COF	PPER	FAULT DUTY: 30,000 AIC			
LOAD INFORMA	TION		KVA				BREAK	ER RATING	RATING/POLES				KVA			L	LOAD INFORMATION	
LOAD	NOTE TYPE	PH-A	PH-B	PH-C	СКТ	Р	СВ	PH	СВ	Ρ	СКТ	PH-A	PH-B	PH-C	ТҮРЕ	NOTE	LOAD	
		3640			1			А			2	3640						
FIELD 1 POLE A1			3640		3	3	30	В	30	3	4		3640				FIELD 2 POLE A4	
				3640	5			С	-		6			3640				
		7270			7			А			8	6550						
FIELD 1 POLE B1			7270		9	3	30	В	30	3	10		6550				FIELD 2 POLE B4	
				7270	11	-	-	С	-		12			6550				
		5100			13			Α			14	4360						
FIELD 1 POLE C1			5100		15	3	3 30	В	30	3	16		4360				FIELD 2 POLE C4	
				5100	17	-		C	-		18			4360				
		3640			19			A			20	3640						
FIELD 1 POLE A2			3640		21	3	30	B	30	3	22		3640				FIELD 2 POLE A3	
, , , , , , , , , , , , , , , ,				3640	23	-		C	_		24			3640				
		7270			25			A			26	6550						
FIELD 1 POLE B2			7270		27	3	30	B		3	28		6550				FIELD 2 POLE B3	
			1210	7270	29			C			30			6550				
		5100		1210	31						32	4360		0000				
		5100	E100		33	-	20	A	20	2		4300	4260					
FIELD 1 POLE C2			5100	5400		3	30	B	30	3	34		4360	4000			FIELD 2 POLE C3	
		0040		5100	35			C			36	0040		4360				
		3040			37			A	-		38	3840						
FOOTBALL, F1			3040		39	3	30	В	30	3	40		3840				FOOTBALL, F3	
				3040	41			С			42			3840				
		3040			43	-		A	-		44	3840						
FOOTBALL, F2			3040		45	3	30	В	30	3	46		3840				FOOTBALL, F4	
				3040	47			С			48			3840				
					49	-		Α	-		50							
SPARE					51	3	30	В	30	3	52						SPARE	
					53			С			54							
MOUNTING: SURFACE		38100	38100	38100			A	B	C			36780	36780	36780				
ENCLOSURE: NEMA 1							74880	74880	74880	-								
		CONNECTE		(A):			270.3	270.3	270.3									
NOTES:					TYP	E	KVA	DF	KVAxDF		LOAD TY	PES:						
	1. PANELS OVER 42 POLES ARE TO HAVE 28" BOX							1.25	280800	-	L - LIGHT	ING						
1. PANELS OVER 42 PC WIDTH.	JLES ARE TO H	AVE 28" BO>	K		L		224640 0	1.25	0			GEST MOTO)R					
					М		0	1	0	-	М - МОТС							
					0		0	1.00	0		O - MISC	OR OTHER	TYPE LOAD	DS				
					R		0	1.00	0		R - RECE	PTACLE (Fir	rst 10,000 V/	A per NEC)				
					R		0	0.50	0]	R - RECE	PTACLE (ov	er 10,000 V/	A per NEC)				
					S		0	0.50	0		S - SPAR	E						
					CNE)	224640	EMD	280800	_								
							El	MD (Amps)	337.76									

PANEL: <u>LA</u>			VOLTAG E	208/12	20	PHASE/W	IRE	3	/4		LO	CATION	UTILITY R	OOM				
MAIN BUS 400			250 MCB	FULLY R/	ATED	NEUTRAL		10	0%	BUS:	С	OPPER	GND:	COF	PER	FAUL	T DUTY	/: 14,000 AIC
LOAD INFORMATIC	ЛС			VA				BREAK	ER RATING	/POLES				VA			L	OAD INFORMATION
LOAD	NOTE	ТҮРЕ	PH-A	PH-B	PH-C	CKT	Р	СВ	PH	СВ	Ρ	CKT	PH-A	PH-B	PH-C	ТҮРЕ	NOTE	LOAD
MEETING ROOM			540			1	1	20	A	20	1	2	600					FIELDHOUSE LIGHTING
MEETING ROOM				540		3	1	20	В	20	1	4		600				FIELDHOUSE LIGHTING
JTILITY ROOM					360	5	1	20	С	20	1	6			180			CONCESSIONS
GENERAL STORAGE (S)			720			7	1	20	A	20	1	8	1500					WARMING OVEN
GENERAL STORAGE (L)				540		9	1	20	В	20	1	10		180				CONCESSIONS
COVERED AREA					540	11	1	20	C	20	1	12			180			CONCESSIONS
REEZER			600			13	1	20	A	20	1	14	180					CONCESSIONS
REEZER				540		15	1	20	B	20	1	16		180				CONCESSIONS
VASHROOM					540	17	1	20	C	20	1	18			180			CONCESSIONS
REFRIGERATOR			700		040	19	1	20	A	20	1	20	180					CONCESSIONS
VASHROOM			700	180		21	1	20	B	20	1	20		180				CONCESSIONS
				100	260						1			100	500			
			4000		360	23		20	C	20		24	0000		560			KITCHEN EXHAUST/MAF
			4200			25	1	20	A	- 50	2	26	3900					HP-1
DUGOUT				360		27	1	20	B			28		3900				
UGOUT					360	29	1	20	C	- 50	2	30			3900			HP-2
UGOUT			360			31	1	20	A			32	3900					
UGOUT				360		33	1	20	В	- 60	2	34		7000				AC-1
UGOUT					360	35	1	20	C			36			7000			
UGOUT			360			37	1	20	A	- 60	2	38	7000					AC-2
UGOUT				360		39	1	20	В			40		7000				
UGOUT					360	41	1	20	С	20	1	42			500			SCORE BOARD EAST
ERVER CLOSET			540			43	1	20	A	20	1	44	500					SCORE BOARD WEST
UBLIC ADDRESS				180		45	1	20	В	- 20	2	46		0				SPARE
CONCESSIONS					180	47	1	20	С	20	2	48			0			JPARE
CONCESSIONS			180			49	1	20	A	20	1	50	500					UTILITY ROOM
CONCESSIONS				180		51	1	20	В	20	1	52		180				CONCESSION STORAGE
					1200	53		00	С	00	0	54			0			SPARE
CONCESSIONS			1200			55	2	30	A	- 30	2	56	180					CONCESSION STORAGE
				2700		57			В			58		270				
CONVECTION OVEN					2700	59	2	30	С	- 20	2	60			270			EXT WALL PACKS
						61			A	20	1	62	200					LIGHTING CONTROL
PARE						63	2	30	В	20	1	64		300				SERVER CLOSET
					5000	65	1		С	20	1	66			300			SERVER CLOSET
GRIDDLE			5000			67	1	60	A	20	1	68						SPARE
PACE						69	1	20	В	20	1	70						SPACE
SPACE						71	1	20	C	20	1	72						SPACE
SPACE						73	1	20	A	20	1	74						SPACE
SPACE						75	1	20	B	20	1	76						SPACE
SPACE						77	1	20	C	20	1	78						SPACE
PACE						79	1	20	A	20	1	80						SPACE
							 	20	B	20	 	80						SPACE
						81					 							
			40000	5040	44000	83	1	20	C	20	1	84	40040	45000	40070			SPACE
				5940 D PHASE ()/A	11960			A 21040	B	C 25030			10840	15890	13070			
NCLOSURE: NEMA 1				ED PHASE (VA				21040 175.3	21830 181.9	25030 208.6								
					\' 'J·			170.0	101.9	200.0								
						TYP	F	VA	DF	KVAxDF		LOAD TYP	DES.					
							L											
1 PANELS OVER 12 POL	. PANELS OVER 42 POLES ARE TO HAVE 28" BOX VIDTH.							1940 14000	1.25	2425 17500		L - LIGHT	NG FST MOTO					

NOTES:	TYPE	VA	DF	KVAxDF	LOAD TYPES:
1. PANELS OVER 42 POLES ARE TO HAVE 28" BOX WIDTH.	L	1940	1.25	2425	L - LIGHTING
	LM	14000	1.25	17500	LM - LARGEST MOTOR
	М	30160	1	30160	M - MOTOR LOAD
	0	0	1.00	0	O - MISC OR OTHER TYPE LOADS
	R	10000	1.00	10000	R - RECEPTACLE (First 10,000 VA per NEC)
	R	27700	0.50	13850	R - RECEPTACLE (over 10,000 VA per NEC)
	S	0	0.50	0	S - SPARE
	CND	83800	EMD	73935	
	EMD (Amps) 205.23			205.23	

