

CITY OF DUNWOODY

BASEBALL FACILITIES

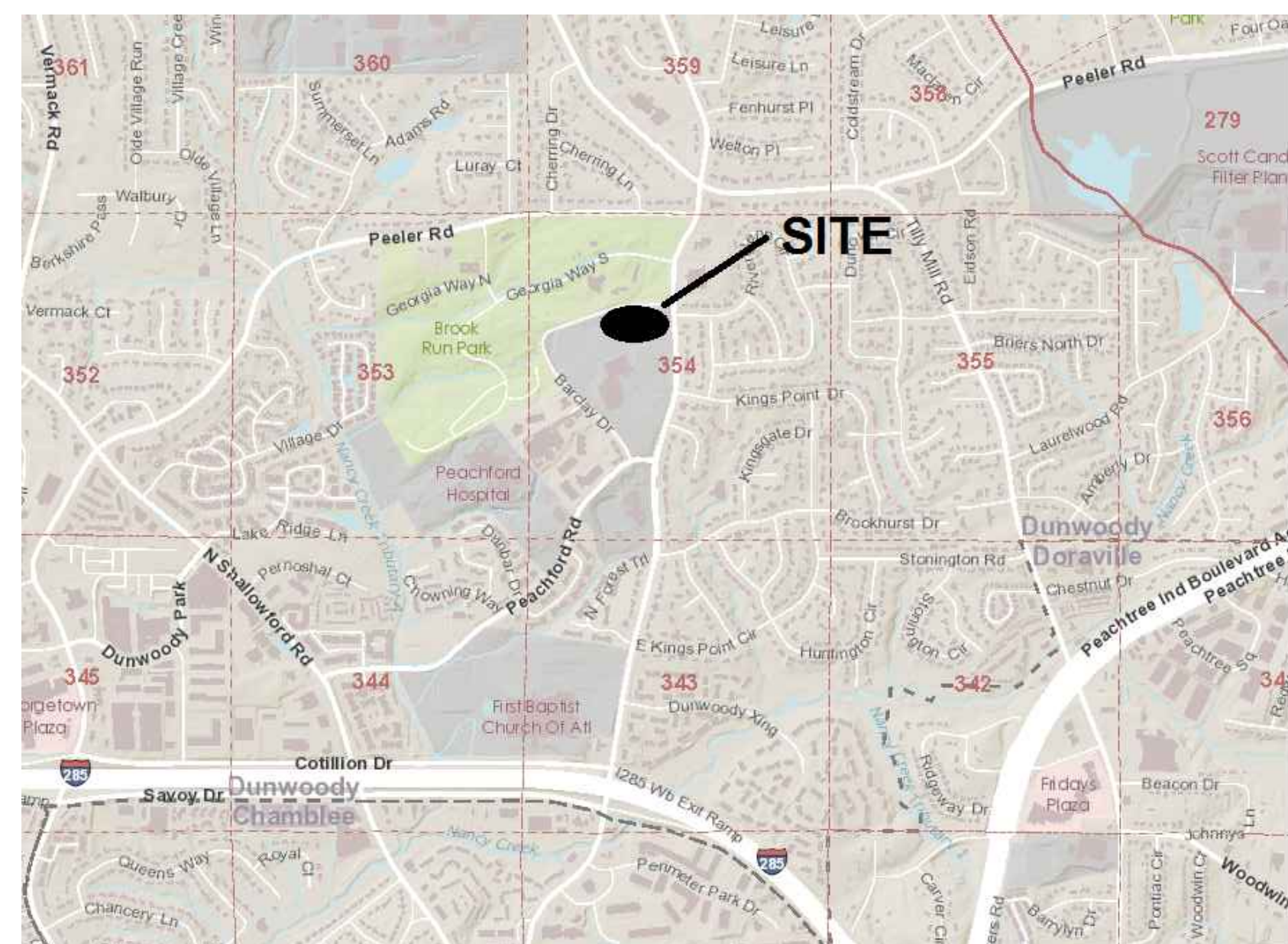
AT BROOK RUN PARK

4635 BARCLAY DRIVE, DUNWOODY, GA 30338

RELEASED FOR CONSTRUCTION



VICINITY MAP
1" = 5 MILES



LOCATION MAP
1" = 700'

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
BRENT WALKER, PARKS AND RECREATION DIRECTOR
PHONE: 678-382-6857
EMAIL: BRENT.WALKER@DUNWOODYGA.GOV

24-HOUR CONTACT:
BRENT WALKER 678-382-6850

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

ARCHITECT:
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

ACTIVITY	MONTHLY				
	01	02	03	04	05
1. MOBILIZE					
2. INSTALL EROSION CONTROL MEASURES					
3. INSTALL TEMPORARY SEDIMENT BASIN					
4. MODIFY DETENTION POND/ CONSTRUCT STORM SEWER					
5. CLEAR & GRADING					
6. TEMPORARY GRASSING					
7. INSTALL WATER QUALITY MEASURES					
8. GENERAL CONSTRUCTION					
9. UTILITIES CONSTRUCTION					
10. GRASSING AND LANDSCAPING					
11. FINAL CLEAN-UP					
12. MAINTAIN EROSION CONTROL					

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



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



PROPOSED UTILITIES

	SANITARY SEWER	WATER
# OF MANHOLES:	3	# FIRE HYDRANTS: 1
LF OF SEWER:	660	LF OF WATER: 380

72-HOUR NOTICE IS REQUIRED TO GEORGIA 811 UTILITY PROTECTION CENTER BEFORE ANY PLANNED DIGGING.
WWW.GEORGIA811.COM

ENGINEER'S CERTIFICATION STATEMENT

WITH MY INITIALS AT THE LINE ABOVE AND MY SEAL AND SIGNATURE BELOW, I, MARK D. COOKE, A PROFESSIONAL ENGINEER LICENSED IN THE STATE OF GEORGIA, HEREBY CERTIFY THAT I HAVE PERSONALLY REVIEWED THE ATTACHED SUBMITTAL PLANS FOR A LAND DISTURBANCE PERMIT. IN MY OPINION THESE SUBMITTAL PLANS MEET ALL APPLICABLE REGULATIONS AND ORDINANCES OF THE CITY OF DUNWOODY, GEORGIA AND DEKALB COUNTY, GEORGIA. OTHER AFFECTED PARTIES MAY RELY ON THIS CERTIFICATION.

10TH DAY OF FEBRUARY, 2017

GEORGIA REGISTRATION # 030386

SIGNATURE: *Mark D. Cooke*

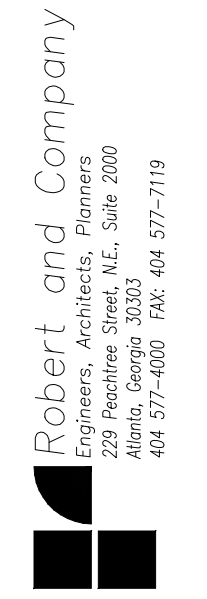
ENGINEER'S CERTIFICATE STORM WATER RUN-OFF

MARK D. COOKE A REGISTERED PROFESSIONAL ENGINEER LICENSED IN THE STATE OF GEORGIA, HEREBY CERTIFY WITH MY SIGNATURE AND SEAL, THAT IN MY OPINION, THE GRADING AND DRAINAGE PLANS FOR THE PROJECT KNOWN AS DEVELOPMENT PERMIT # XXXXX LYING IN THE LAND LOT 354, OF THE 18 DISTRICT, DEKALB COUNTY, GEORGIA HAVE BEEN REVIEWED UNDER MY SUPERVISION, AND STATE THAT, IN MY OPINION, THE EXECUTION OF SAID PLANS WILL COMPLY WITH THE CITY OF DUNWOODY LAND DEVELOPMENT ORDINANCE.

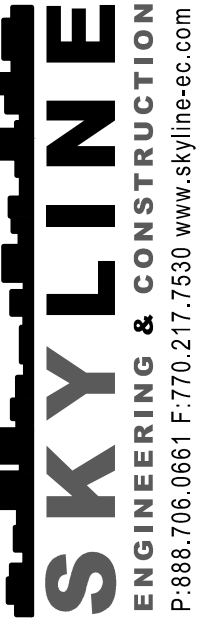
10TH DAY OF FEBRUARY, 2017

GEORGIA REGISTRATION # 030386

SIGNATURE: *Mark D. Cooke*




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




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DATE	BY	SYMBOL	REVISION
05-16-2017	MDC		DEKALB CO. WATERSHED & FIRE COMMENTS
07-19-2017	MDC		MINOR REVISIONS TO WATER & SEWER LAYOUT
08-04-2017	MDC		DEKALB CO. COMMENTS (AP 938613 & 942813)
09-19-2017	MDC		RESUBMITTAL TO DEKALB COMMENTS 8/14/17



REGISTERED
No. 030386
PROFESSIONAL
ENGINEER
MARK D. COOKE



City of
Dunwoody

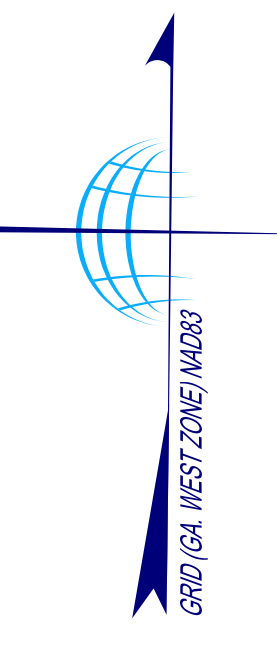
Baseball Facilities
at Brook Run Park

DESIGNED: MDC
DRAWN: BKJ
CHECKED: MDC
DATE: 04/12/2017
SCALE:

DRAWING TITLE:
COVER SHEET

DRAWING NO.:
C-0

SHEET OF



BARCLAY DRIVE (APPARENT 60' R/W)

RIVERGLENN CIRCLE

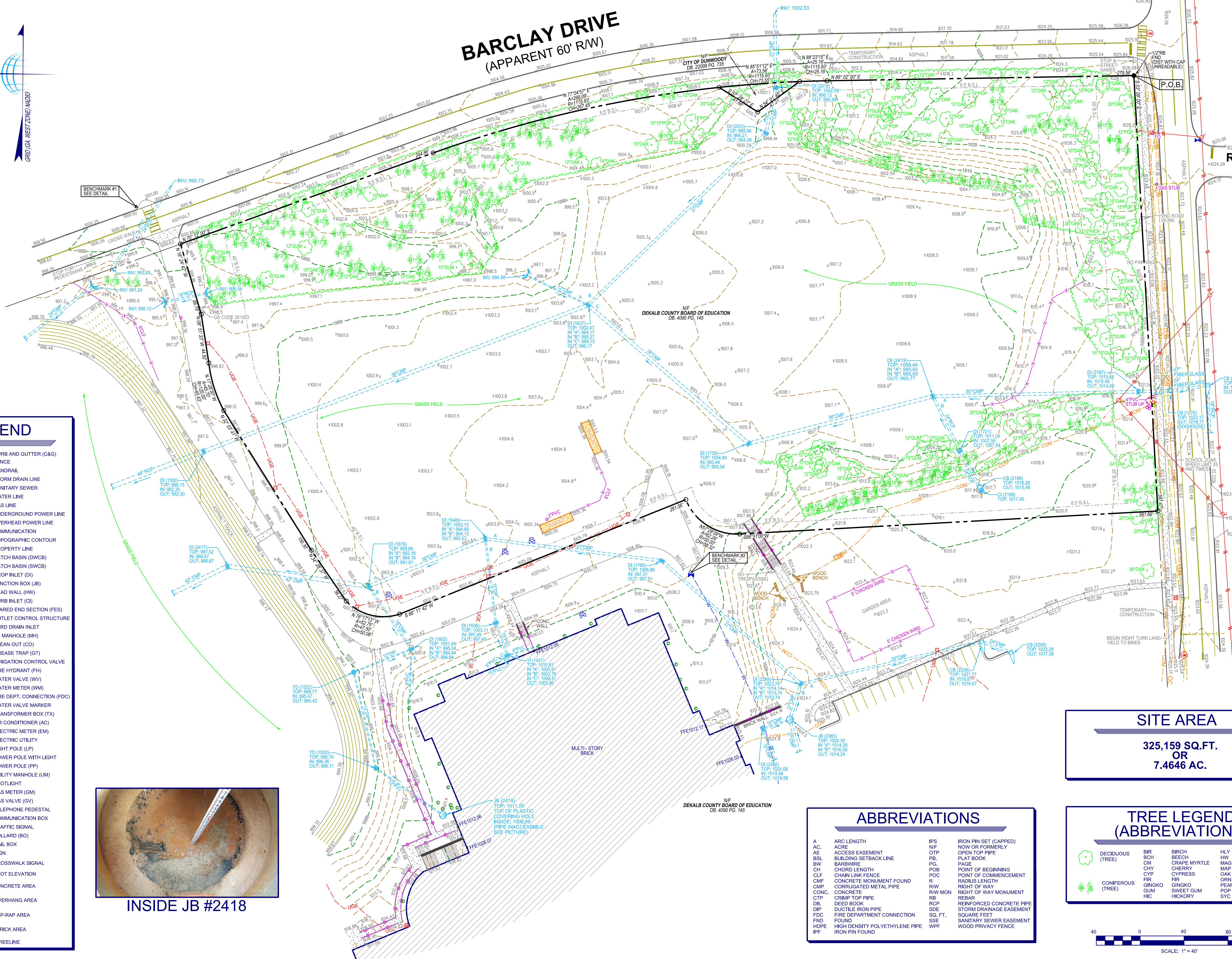
NORTH PEACHTREE ROAD (APPARENT 70' R/W)

LEGEND

	CURB AND GUTTER (C&G)
	FENCE
	HANDRAIL
	STORM DRAIN LINE
	SANITARY SEWER
	WATER LINE
	GAS LINE
	UNDERGROUND POWER LINE
	OVERHEAD POWER LINE
	COMMUNICATION
	TOPOGRAPHIC CONTOUR
	PROPERTY LINE
	CATCH BASIN (DWCB)
	CATCH BASIN (SWCB)
	DROP INLET (DI)
	JUNCTION BOX (JB)
	HEAD WALL (HW)
	CURB INLET (CI)
	FLARED END SECTION (FES)
	OUTLET CONTROL STRUCTURE
	YARD DRAIN INLET
	SS MANHOLE (MH)
	CLEAN OUT (CO)
	GREASE TRAP (GT)
	IRRIGATION CONTROL VALVE
	FIRE HYDRANT (FH)
	WATER VALVE (WV)
	WATER METER (WM)
	FIRE DEPT. CONNECTION (FDC)
	WATER VALVE MARKER
	TRANSFORMER BOX (TX)
	AIR CONDITIONER (AC)
	ELECTRIC METER (EM)
	ELECTRIC UTILITY
	LIGHT POLE (LP)
	POWER POLE WITH LIGHT
	POWER POLE (PP)
	UTILITY MANHOLE (UM)
	SPOTLIGHT
	GAS METER (GM)
	GAS VALVE (GV)
	TELEPHONE PEDESTAL
	COMMUNICATION BOX
	TRAFFIC SIGNAL
	BOLLARD (BO)
	MAIL BOX
	SIGN
	CROSSWALK SIGNAL
	SPOT ELEVATION
	CONCRETE AREA
	OVERHANG AREA
	RIP-RAP AREA
	BRICK AREA
	TREELINE



INSIDE JB #2418



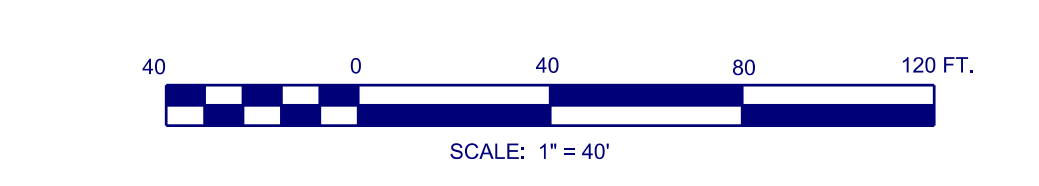
SITE AREA
 325,159 SQ.FT.
 OR
 7.4646 AC.

ABBREVIATIONS

A	ARC LENGTH	IPS	IRON PIN SET (CAPPED)
AC	ACRE	N/F	NO OR FORMERLY
AE	ACCESS EASEMENT	OTP	OPEN TOP PIPE
B/S	BUILDING SETBACK LINE	PB	PLAT BOOK
BW	BARBWARE	PG	PAGE
CH	CHORD LENGTH	POB	POINT OF BEGINNING
CLF	CHAIN LINK FENCE	POC	POINT OF COMMENCEMENT
CMF	CONCRETE MONUMENT FOUND	R	RADIUS LENGTH
CMP	CORRUGATED METAL PIPE	R/W	RIGHT OF WAY
CONC.	CONCRETE	R/W MON	RIGHT OF WAY MONUMENT
CTP	CRIMP TOP PIPE	REBAR	REBAR
DB	DEED BOOK	R/CMP	REINFORCED CONCRETE PIPE
DIP	DUCTILE IRON PIPE	SDE	STORM DRAINAGE EASEMENT
FDC	FIRE DEPARTMENT CONNECTION	SQ. FT.	SQUARE FEET
FND	FOUND	SSE	SANITARY SEWER EASEMENT
HDPE	HIGH DENSITY POLYETHYLENE PIPE	WPF	WOOD PRIVACY FENCE
IPF	IRON PIN FOUND		

TREE LEGEND (ABBREVIATIONS)

	DECIDUOUS (TREE)	BIR	BIRCH	HLY	HOLLY
	CONIFEROUS (TREE)	BCH	BEECH	HW	HARDWOOD
		CM	CRAPE MYRTLE	MAG	MAGNOLIA
		CHY	CHERRY	MAP	MAPLE
		CYP	CYPRESS	OAK	OAK
		FIR	FIR	ORN	ORNAMENTAL
		GING	GINGKO	PEAR	PEAR
		GUM	SWEET GUM	POP	POPLAR
		HIC	HICKORY	SYC	SYCAMORE

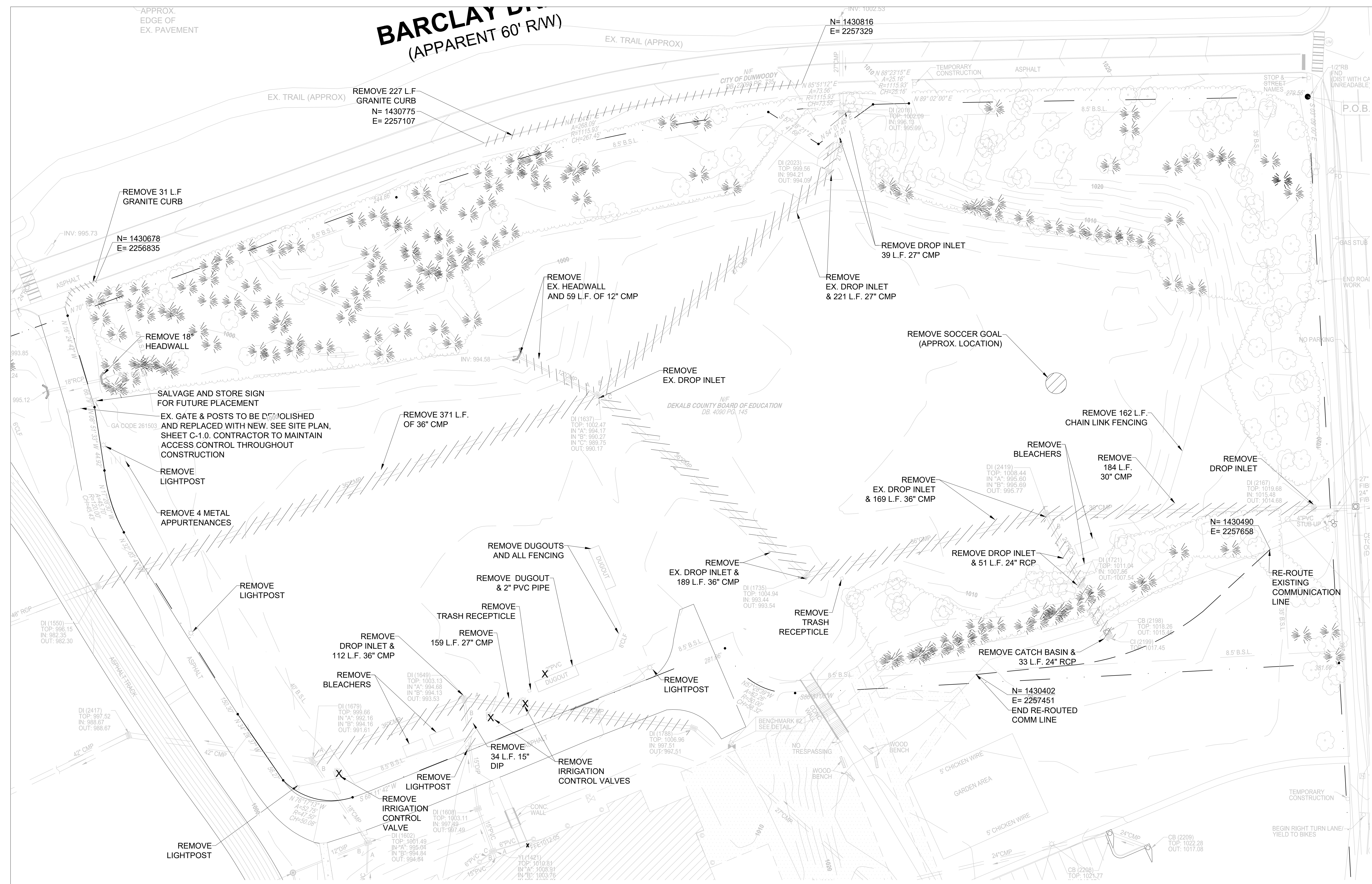


TerraMark Land Surveying, Inc.
 10000 MacArthur Blvd
 Atlanta, Georgia 30338
 Phone No. (770) 421-1927
 Fax No. (770) 421-0552
 www.TerraMark.com
 Professional Land Surveying C. O. #LSF000870

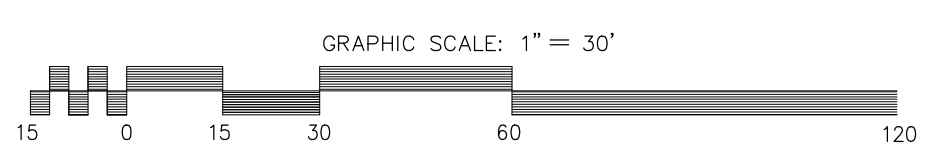
Project No.	Revision	Date
2016-205	#1	11/07/16
	#2	12/12/16
	#3	
	#4	
	#5	
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	#42	
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	#44	
	#45	
	#46	
	#47	
	#48	
	#49	
	#50	

ALTAIRNS 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

BARCLAY DRIVE (APPARENT 60' R/W)



DEMOLITION PLAN



Robert and Company
Engineers, Architects, Planners
229 Peachtree Street, N.E., Suite 2000
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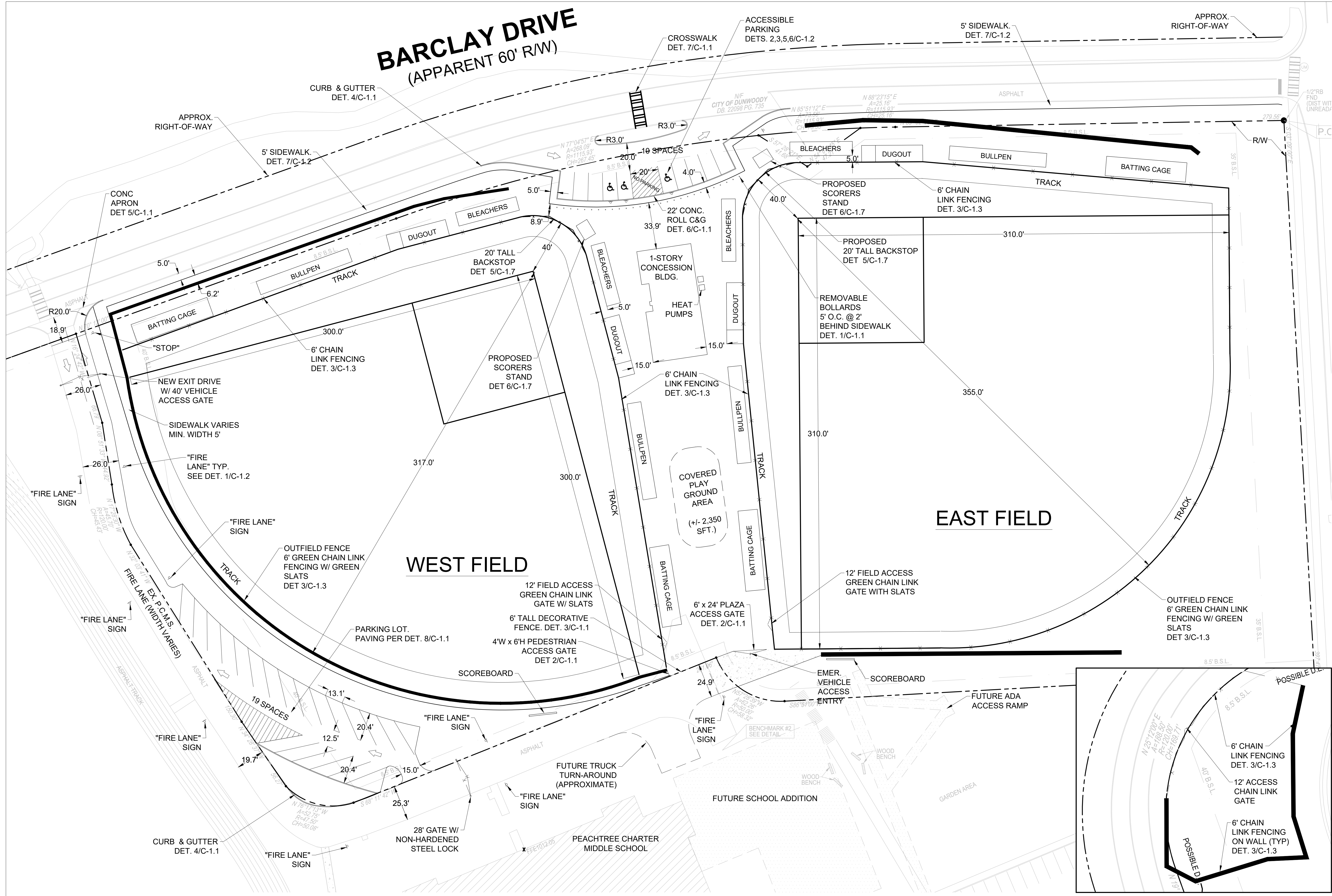
PRICING SET	ADDENDUM #1	ADDENDUM #3	ADDENDUM #4	DUNWOODY BUILDING PERMIT	DUNWOODY LDP COMMENTS	REVISION
MDC	MDC	MDC	MDC	RAC	MDC	BY
04-13-2017	04-26-2017	05-05-2017	05-11-2017	06-21-2017	07-27-2017	DATE
27' FIB	24' FIB	24' FIB	24' FIB	24' FIB	24' FIB	SYMBOL

City of Dunwoody

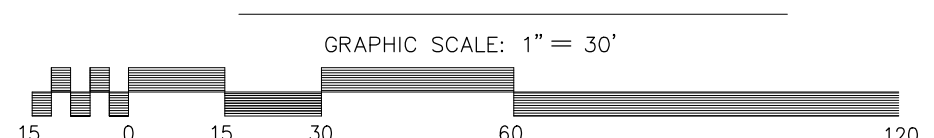
Baseball Facilities
at Brook Run Park

DESIGNED	DRWN	CHECKED	DATE	DRAWING TITLE
MDC	BKJ	MDC	04/12/2017	DEMOLITION PLAN
PROJECT NO.	SCALE	DRAWING NO.		
		CD-1.0		
SHEET		OF		

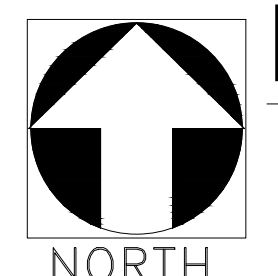
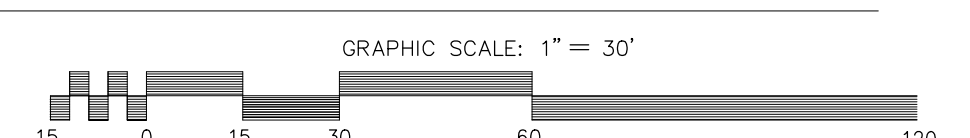
BARCLAY DRIVE (APPARENT 60' R/W)



SITE PLAN



POND SITE PLAN



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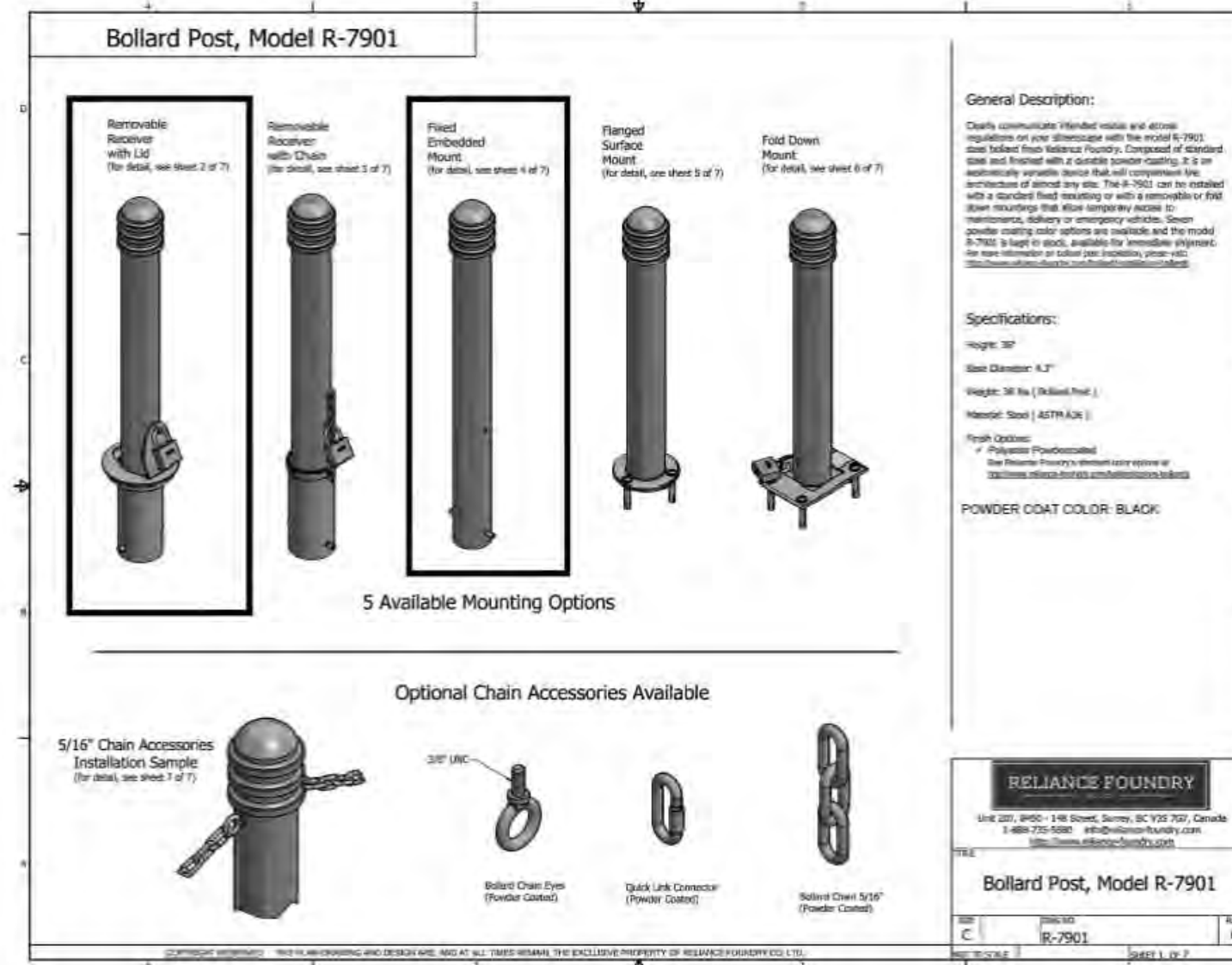
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DATE	SYMBOL	DATE	BY	REVISION
04-13-2017	MDC	PRICING SET		
04-26-2017	MDC	ADDENDUM #1		
05-05-2017	MDC	ADDENDUM #3		
05-11-2017	MDC	ADDENDUM #4		
06-21-2017	RAC	DUNWOODY BUILDING PERMIT		
07-27-2017	MDC	DUNWOODY LDP COMMENTS		

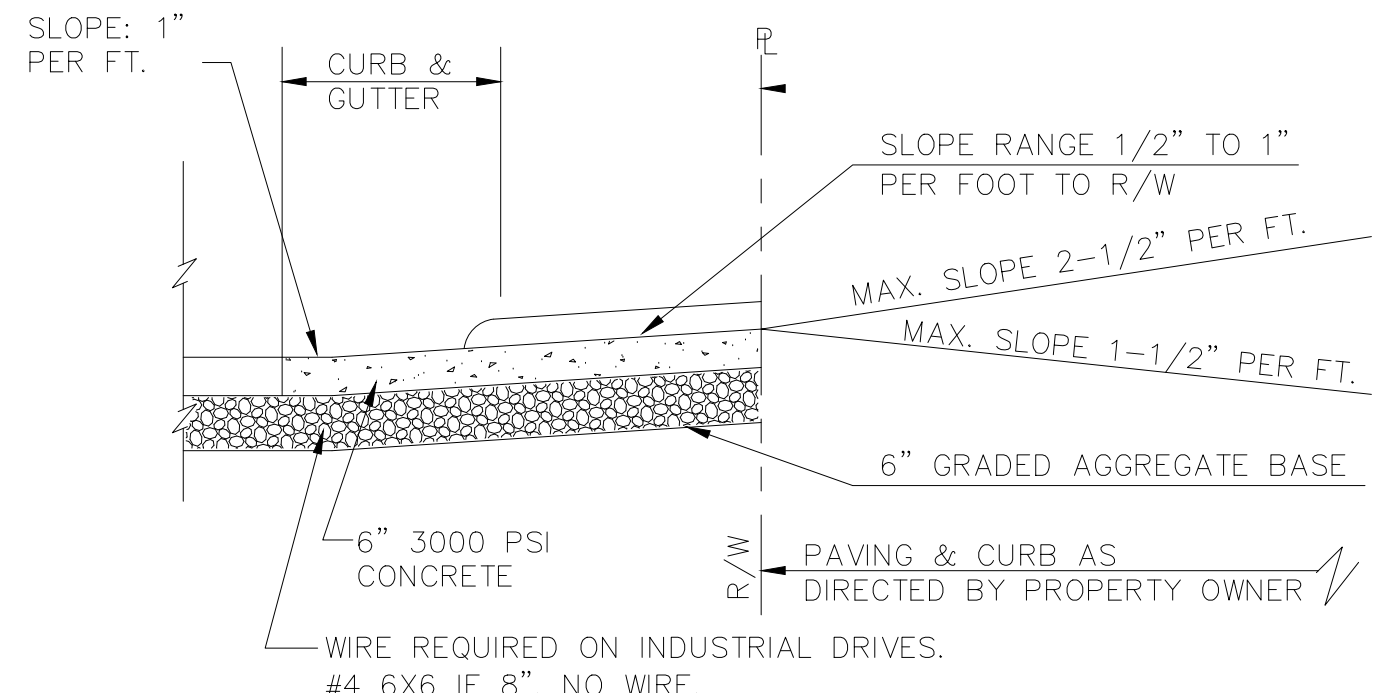
City of Dunwoody

Baseball Facilities
at Brook Run Park

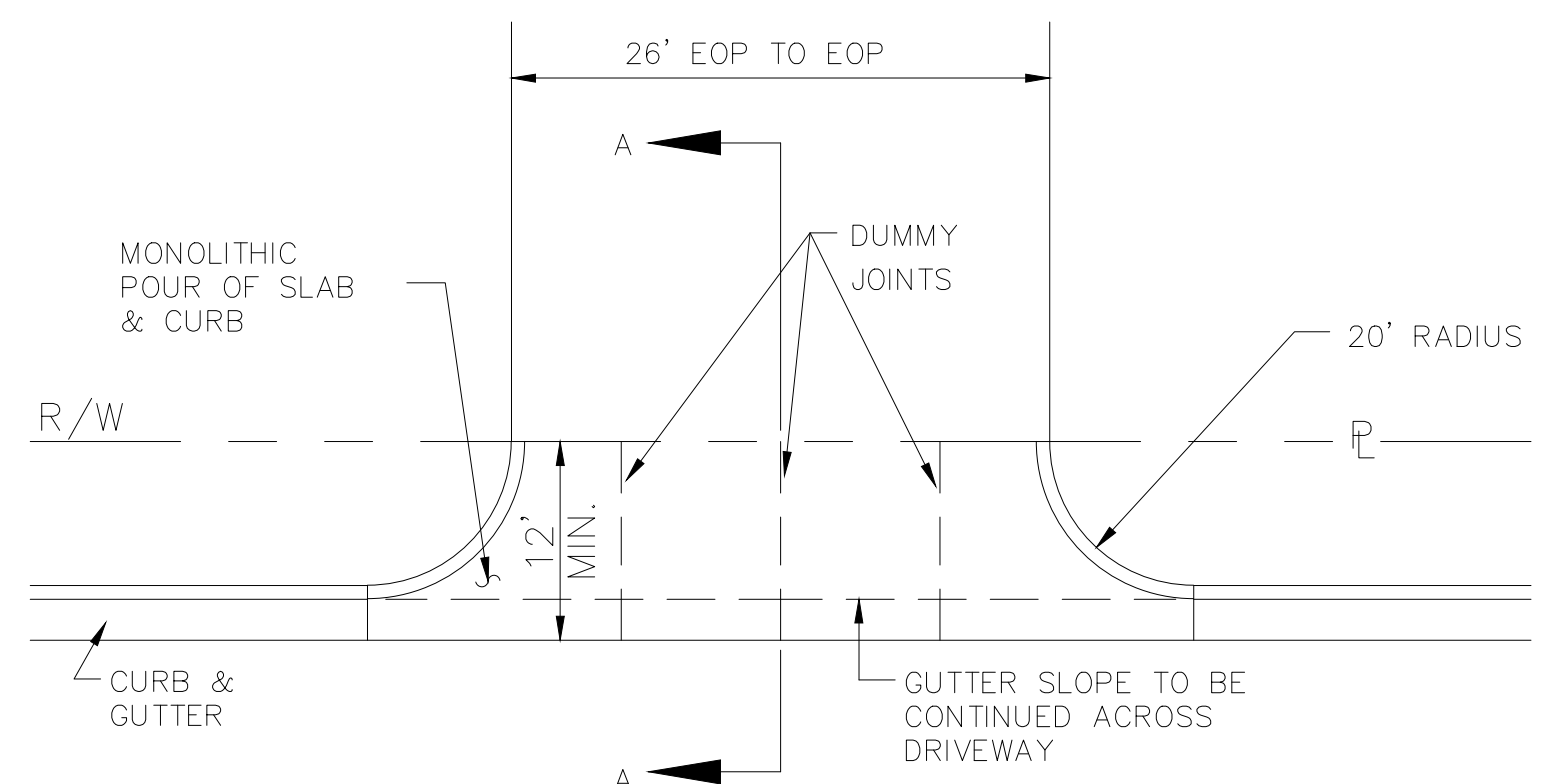
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MDC	BKJ		04/12/2017		SITE PLAN
					DRAWING NO.
					C-1.0
					SHEET OF



1
C1.1 REMOVABLE BOLLARDS
OR APPROVED EQUAL
NOT TO SCALE

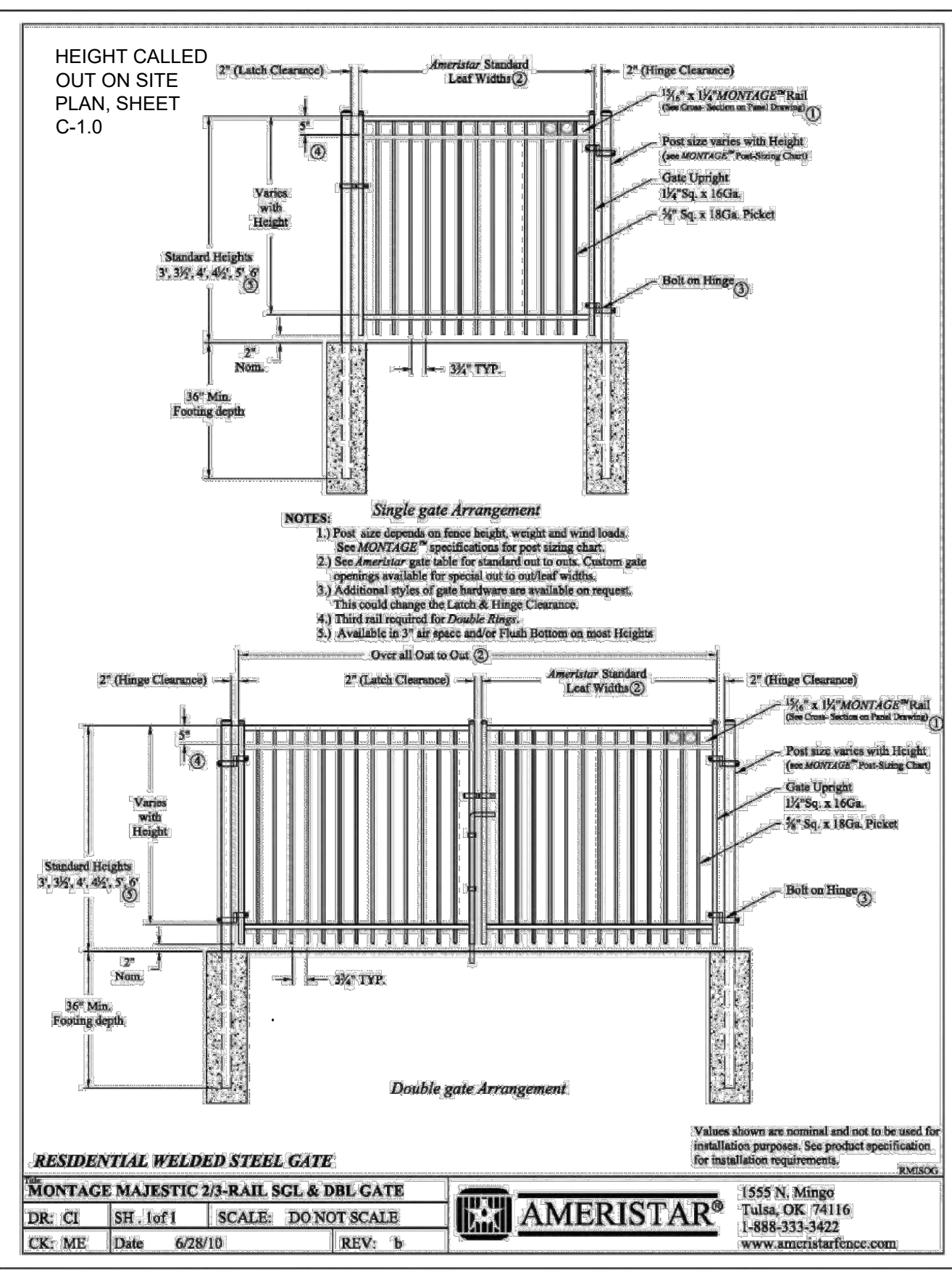


SECTION A-A

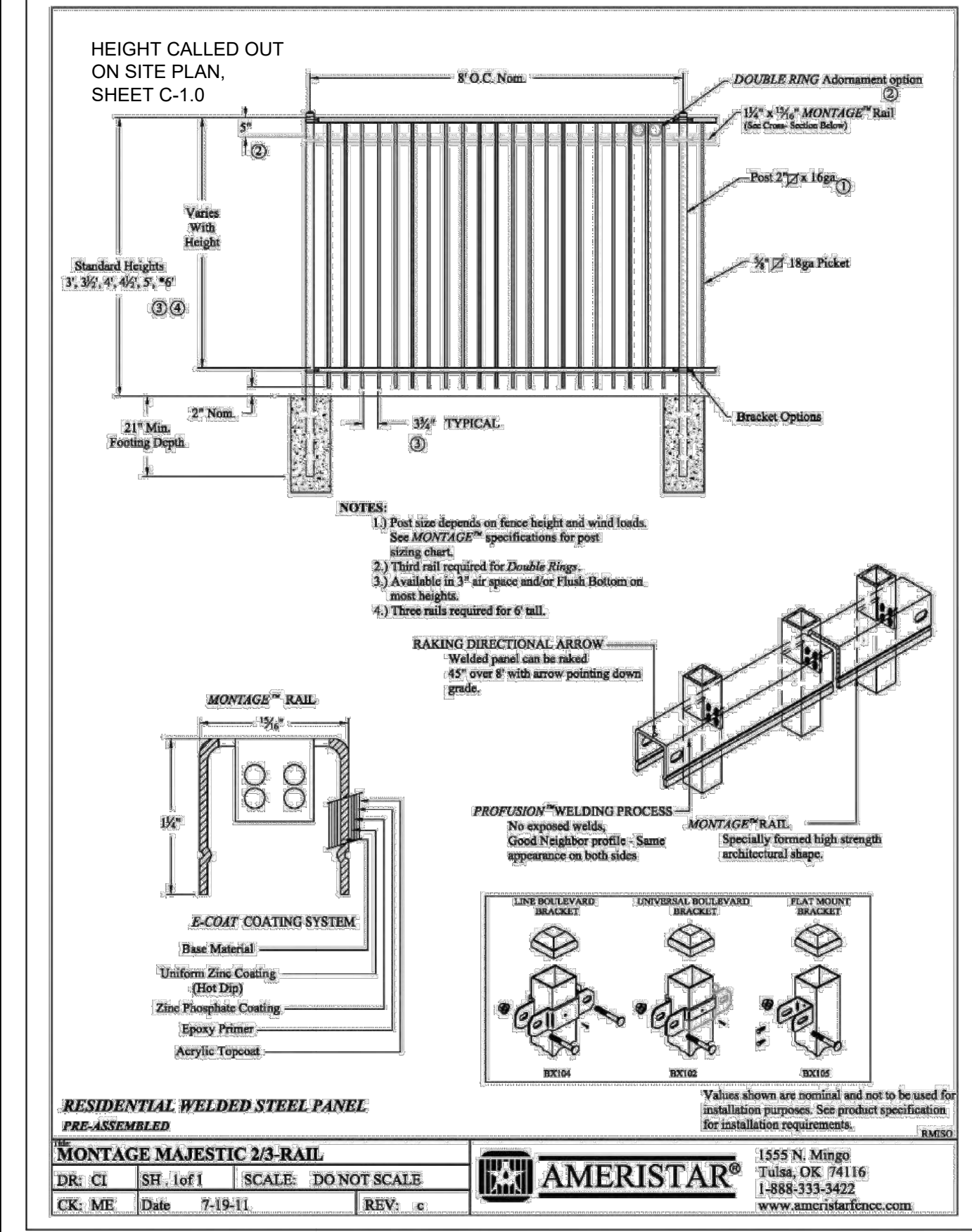


PLAN

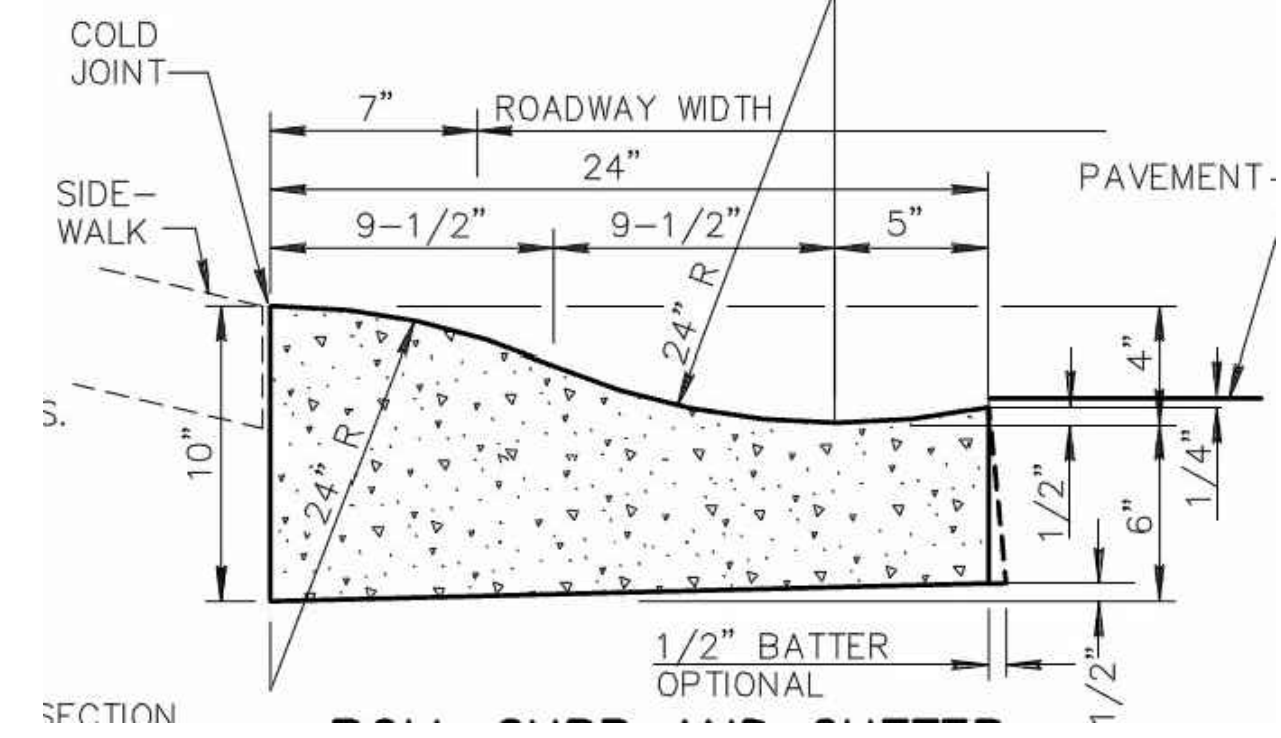
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C1.1 CONCRETE DRIVEWAY APRON
N.T.S.



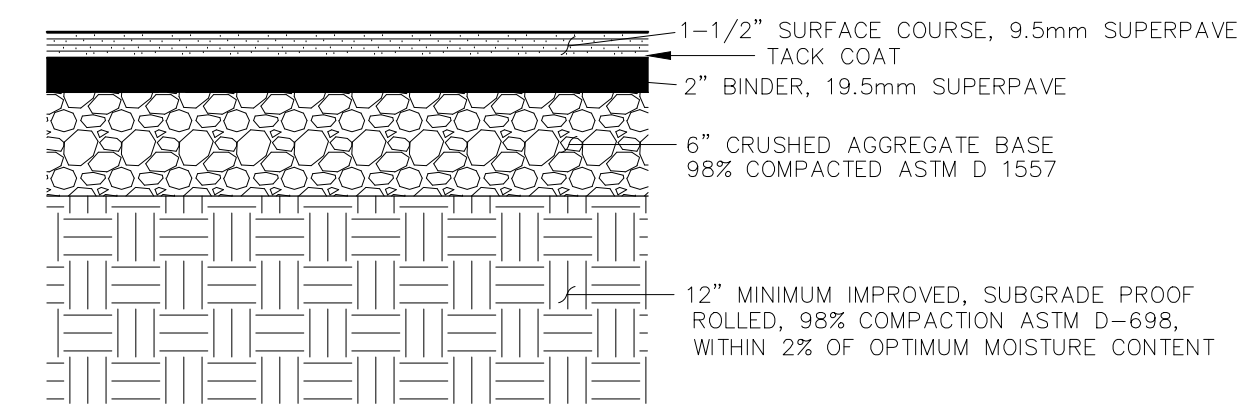
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C1.1 DECORATIVE GATE
OR APPROVED EQUAL
NOT TO SCALE



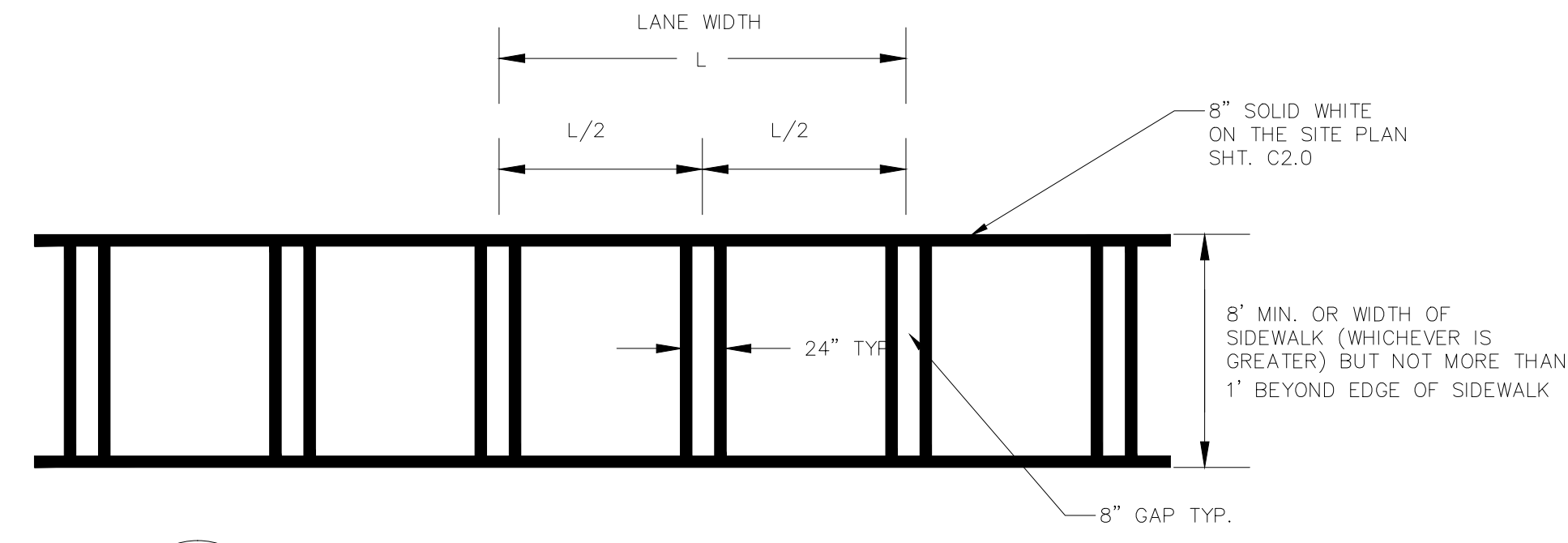
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C1.1 DECORATIVE FENCE
OR APPROVED EQUAL
NOT TO SCALE



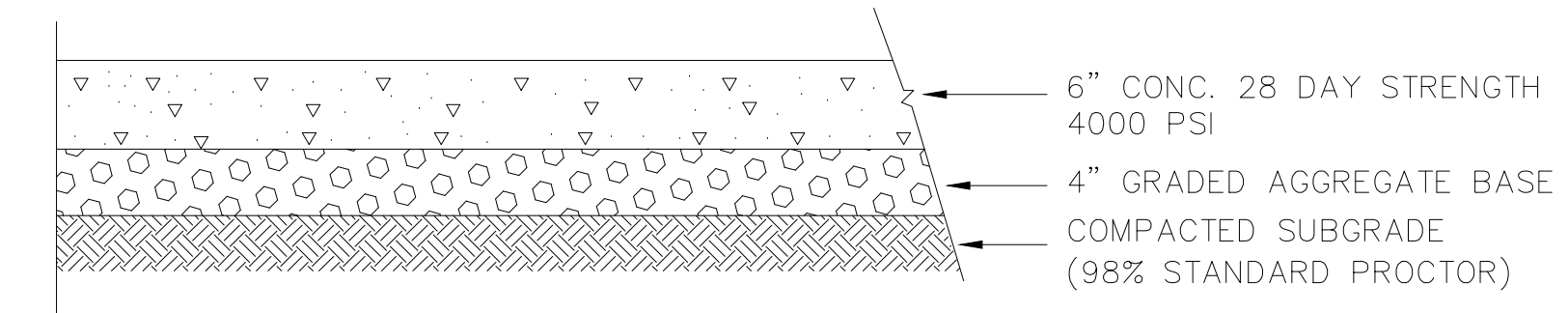
6
C1.1 ROLL CURB & GUTTER
NOT TO SCALE



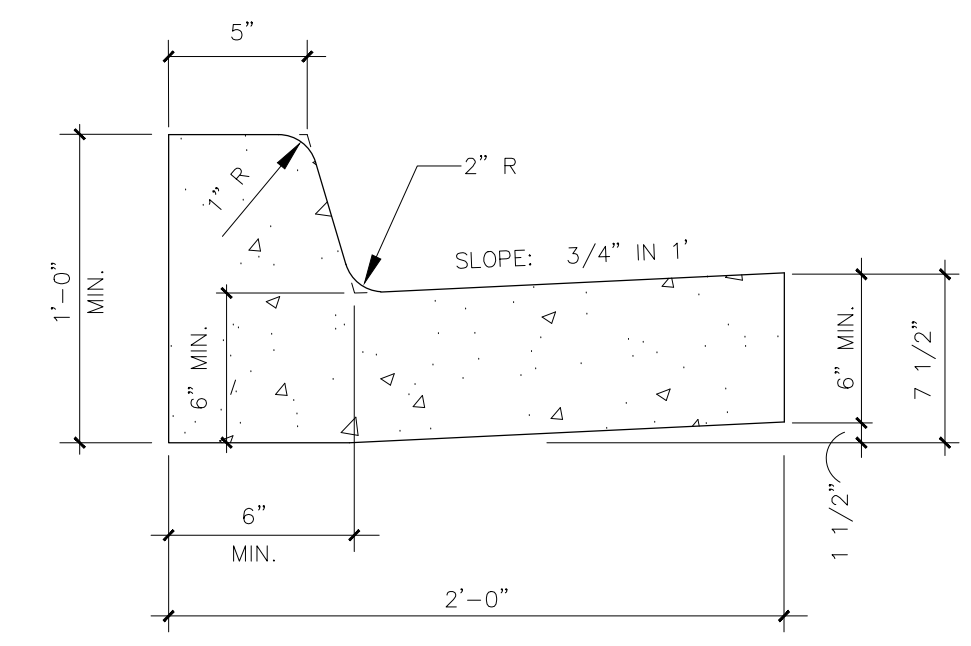
8
C1.1 TYPICAL STANDARD DUTY PAVING
NOT TO SCALE



7
C1.1 TYPICAL CROSSWALK DETAIL
NOT TO SCALE



9
C1.1 6\"/>



4
C1.1 STANDARD 6\"/>

SITE DETAILS

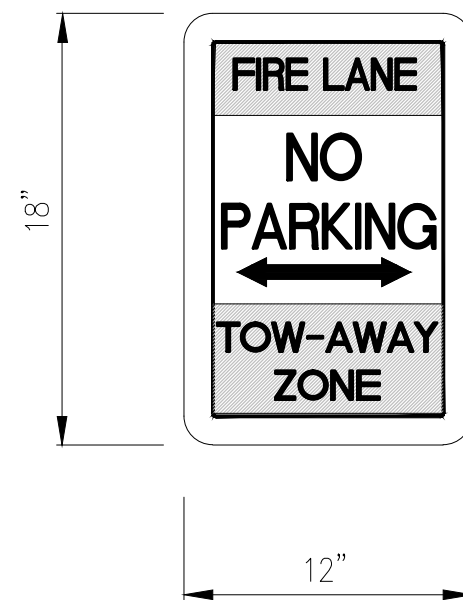
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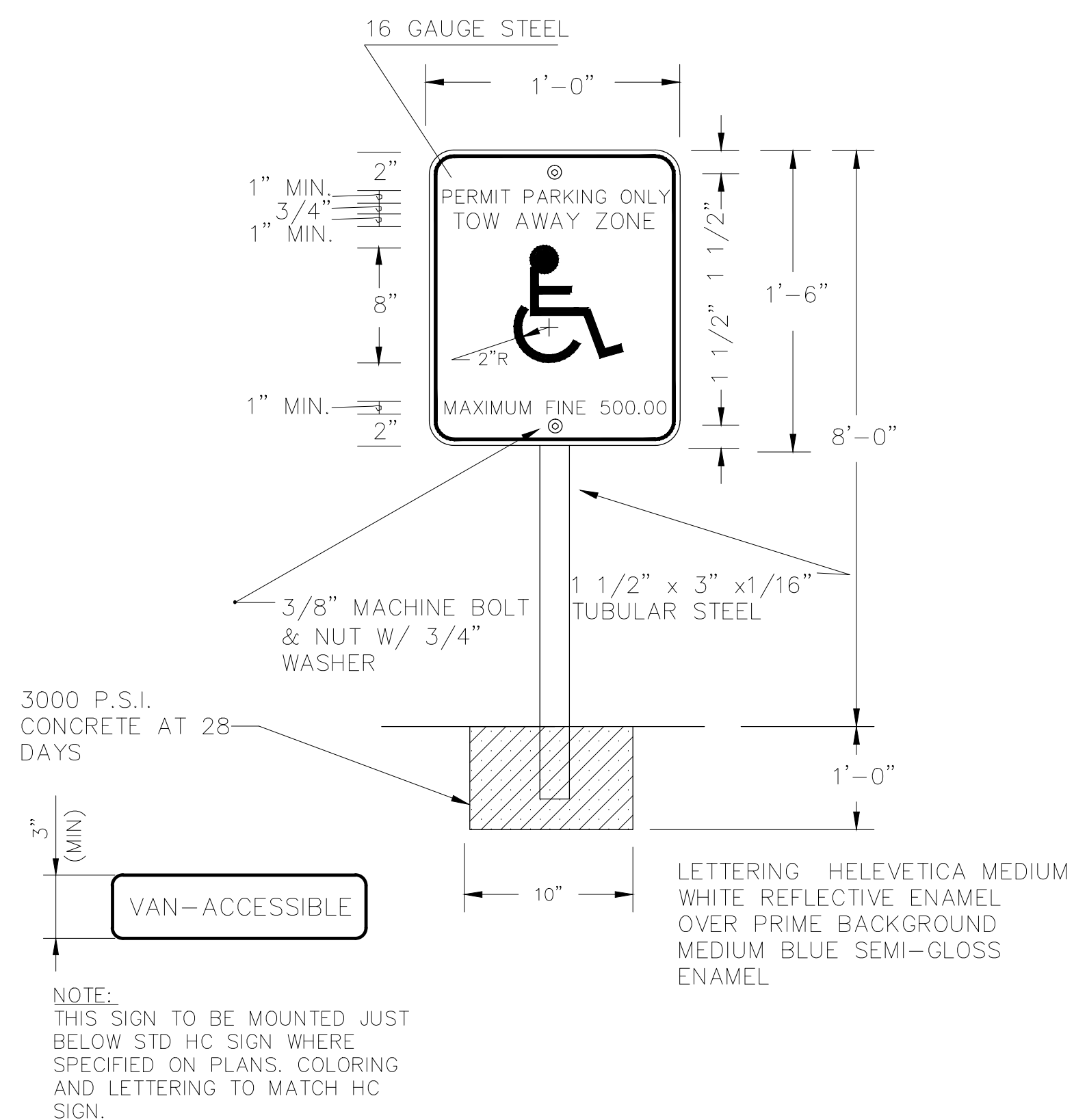
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04-26-2017	MDC	ADDENDUM #1
05-05-2017	MDC	ADDENDUM #3
05-11-2017	MDC	ADDENDUM #4
06-21-2017	RAC	DUNWOODY BUILDING PERMIT
07-27-2017	MDC	DUNWOODY LDP COMMENTS

City of Dunwoody
Baseball Facilities
at Brook Run Park

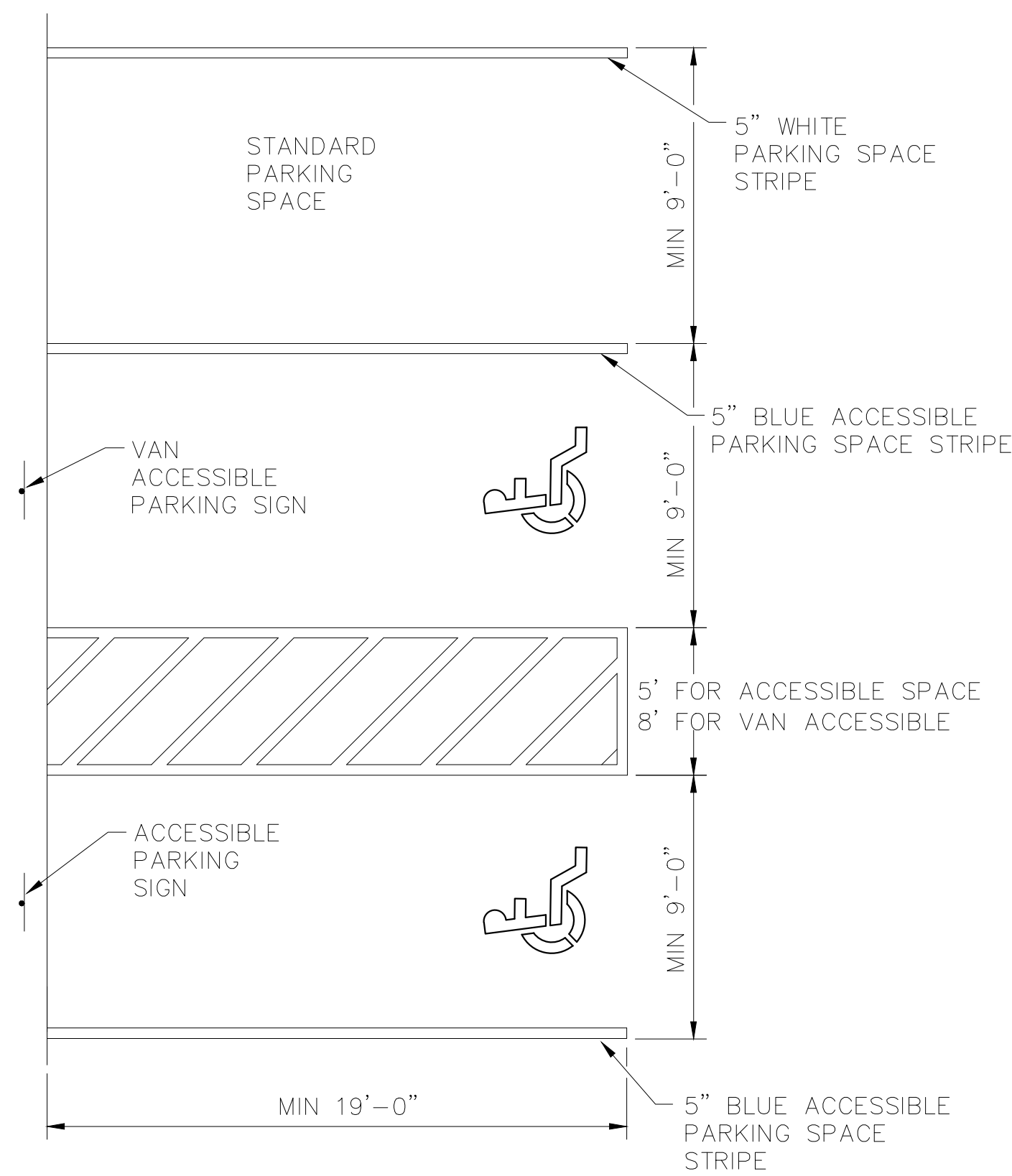
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PROJECT NO.								DRAWING TITLE	
PROJECT								SITE DETAILS	
DRAWING NO.								C-1.1	
SHEET								OF	



1 FIRE LANE SIGN
C1.2 NO SCALE

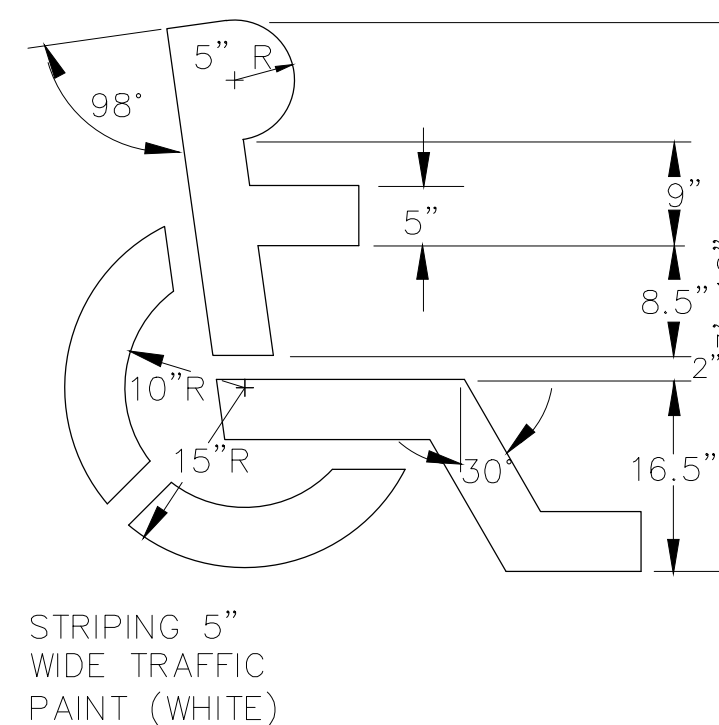


2 ACCESSIBLE PARKING SIGN DETAIL
C1.2 N.T.S.

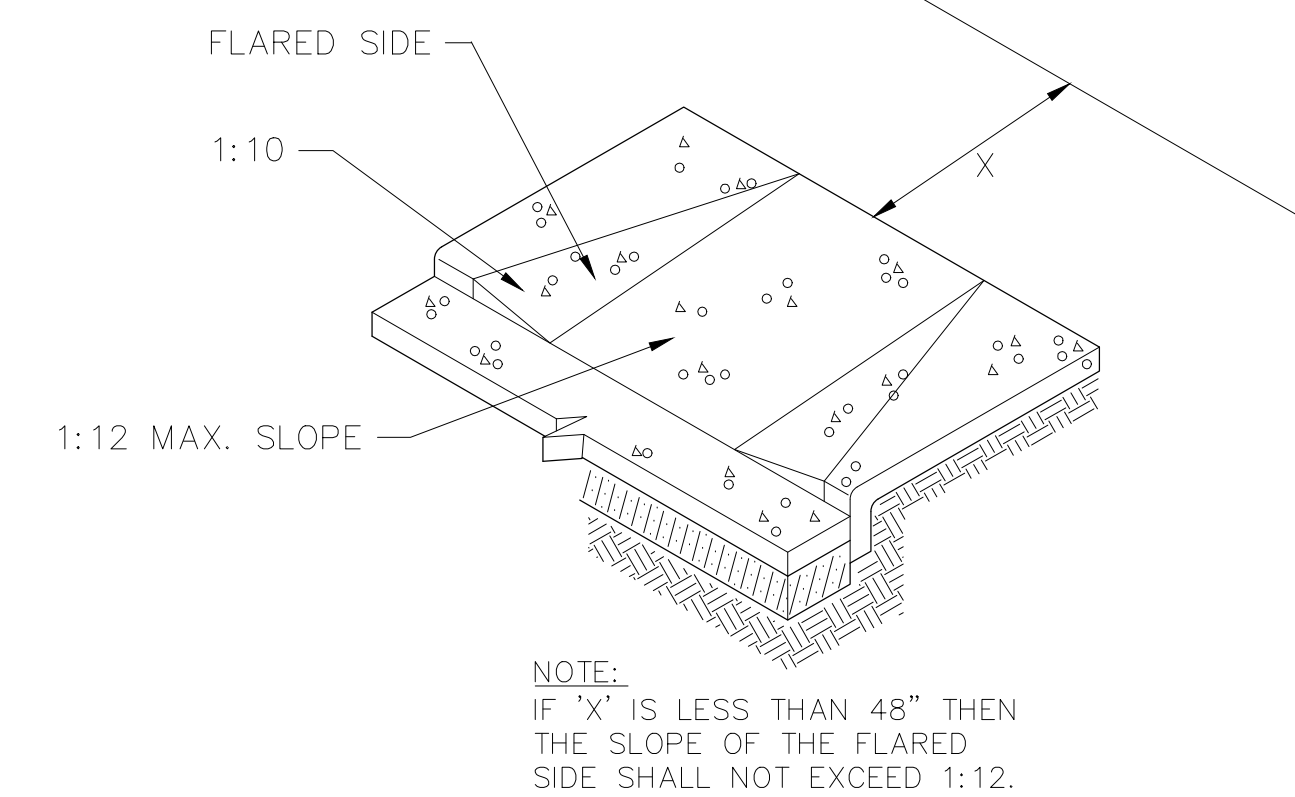


3 STANDARD & ACCESSIBLE PARKING SPACES
C1.2 N.T.S.

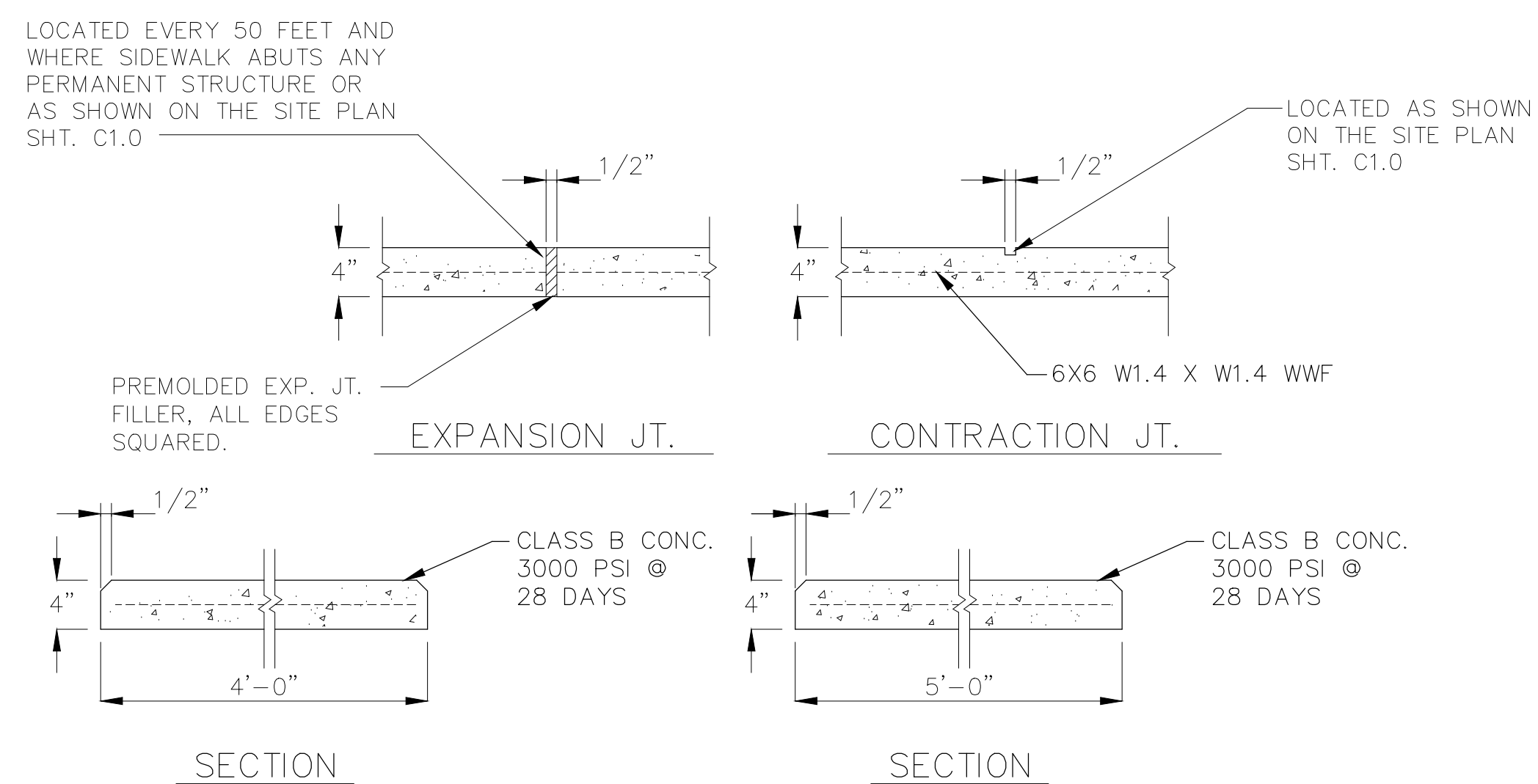
4 NOT USED
C1.2 NOT TO SCALE



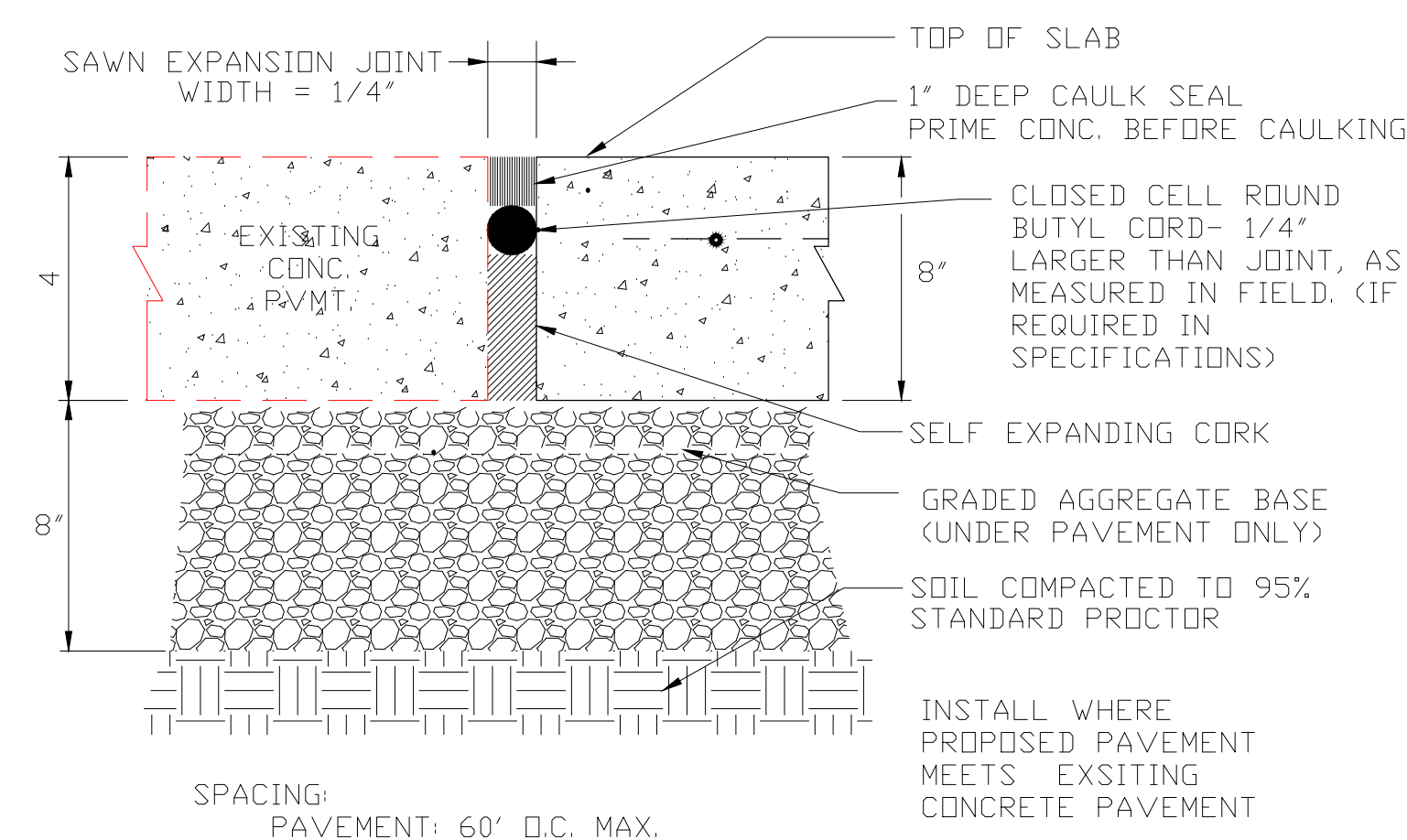
5 ACCESSIBLE PARKING SPACE INSIGNIA
C1.2 N.T.S.



6 HANDICAPPED RAMP
C1.2 N.T.S.



7 SIDEWALK DETAIL
C1.2 NOT TO SCALE



8 EXPANSION JOINT DETAIL
C1.2 N.T.S.

SITE DETAILS

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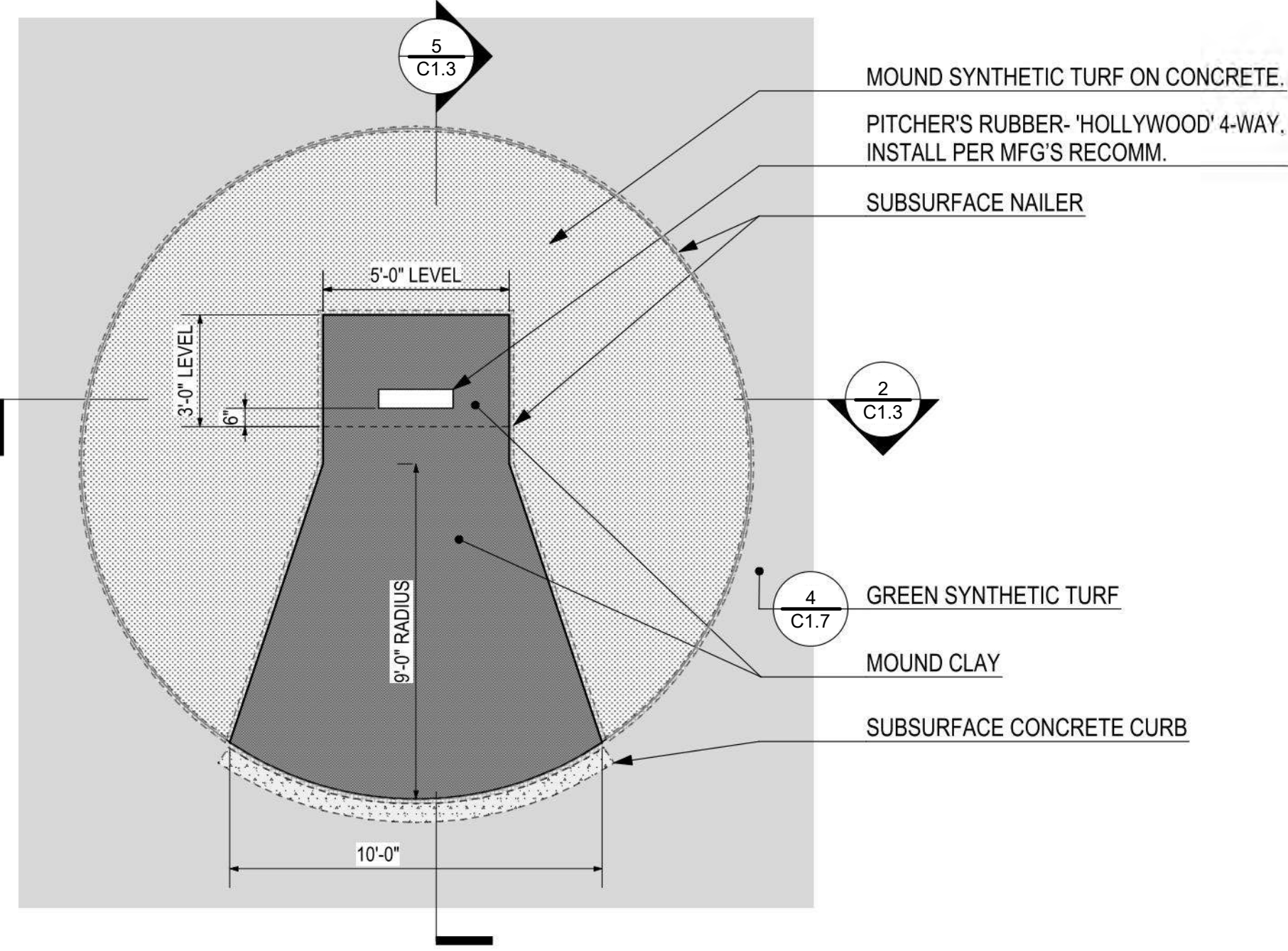
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DATE	SYMBOL	DATE	BY	REVISION
04-13-2017	MDC	PRICING SET		
04-26-2017	MDC	ADDENDUM #1		
05-05-2017	MDC	ADDENDUM #3		
05-11-2017	MDC	ADDENDUM #4		
06-21-2017	RAC	DUNWOODY BUILDING PERMIT		
07-27-2017	MDC	DUNWOODY LDP COMMENTS		

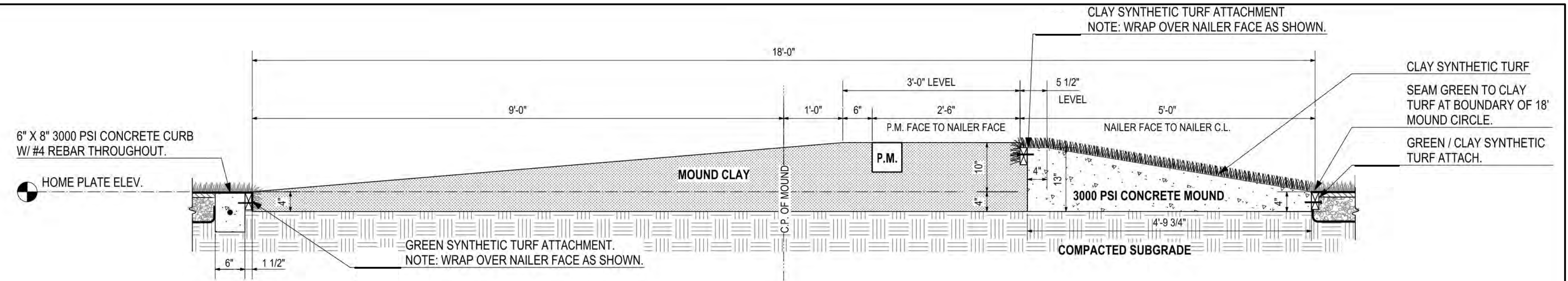
City of Dunwoody
Baseball Facilities
at Brook Run Park

REGISTERED PROFESSIONAL ENGINEER
No. 030386
MARK D. COOKE

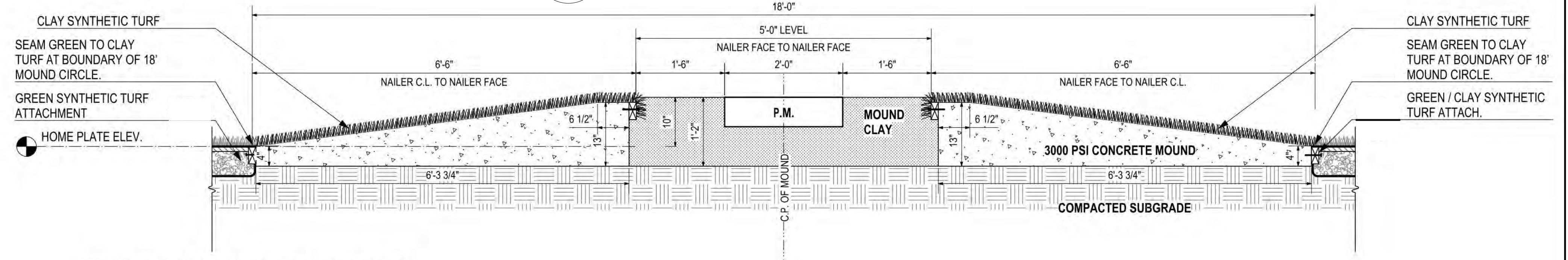
DESIGNED	MDC	CHECKED	BKJ	DATE	04/12/2017	SCALE	
DRAWING TITLE	SITE DETAILS						
DRAWING NO.	C-1.2						
SHEET	OF						



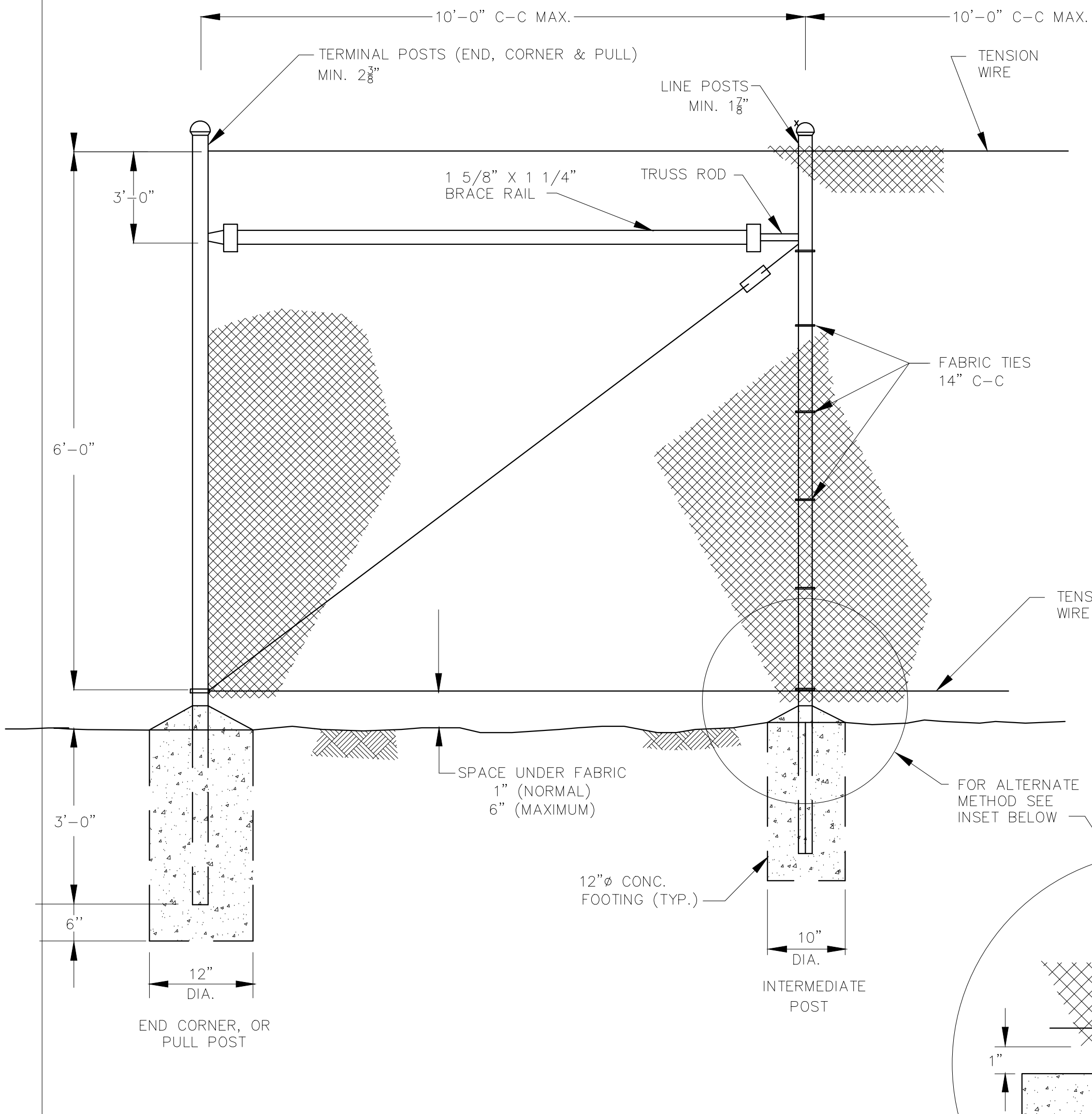
1
C1.3
PITCHING MOUND ENLARGEMENT
N.T.S.



5
C1.3
PITCHING MOUND CENTERLINE SECTION
N.T.S.



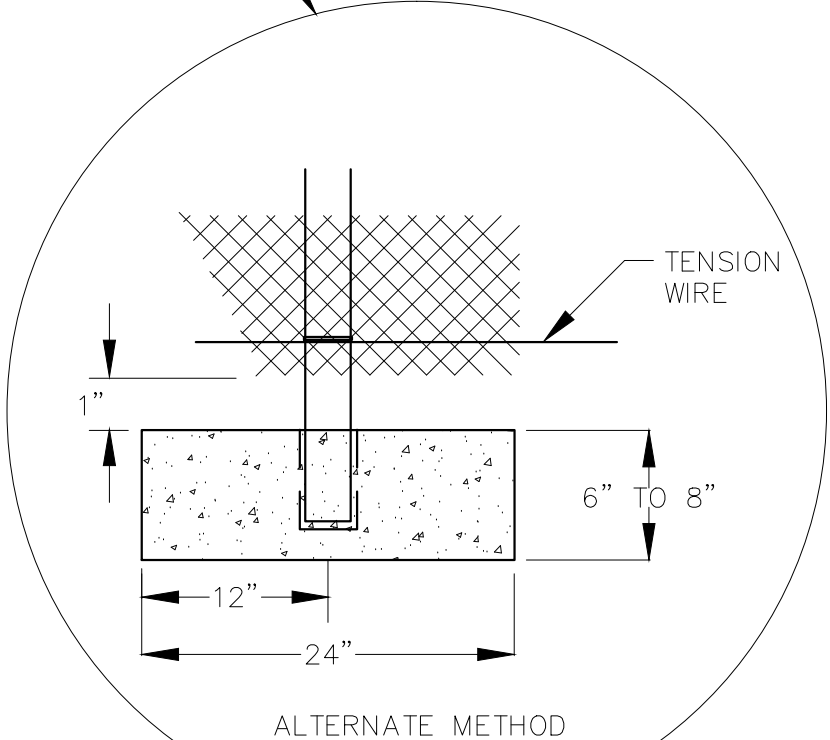
2
C1.3
PITCHING MOUND PITCHING RUBBER SECTION
N.T.S.



3
C1.3
CHAIN LINK FENCE
WITH PRIVACY SLATS (OPTIONAL)
N.T.S.

- NOTES:**
- GATE FABRIC SHALL BE KNUCKLED ON TOP SELVAGES.
 - CONCRETE FOUNDATIONS AT GATES. SIZE RECOMMENDED BY GATE MANUFACTURER.
 - ALL FENCE, GATE POSTS & FRAMES TO BE GROUNDED.
 - ATTACH FENCE FABRIC TO LINE POSTS, TOP AND BOTTOM TENSION WIRES WITH TIE WIRES.
 - ALL TYPE V-1 & V-2 GATES SHALL ALLOW 180° OPENING SWING.
 - POSTS, RAILS AND RODS TO BE INSTALLED INSIDE OF FENCE FABRIC.
 - MATERIALS TO MEET REQUIREMENTS OF AASHTO M181.
 - FOR PAVED/IMPROVED SURFACES USE TEMPORARY FENCE ALTERNATE METHOD SHOWN BELOW.
 - FENCE FABRIC AND SLATS SHALL BE GREEN IN COLOR

END & CORNER POST TOP OPTIONS		TOP & BOTTOM FABRIC OPTIONS		STANDARD SLAT
STANDARD	DOMED	TWIST	KNUCKLE	STANDARD SLAT



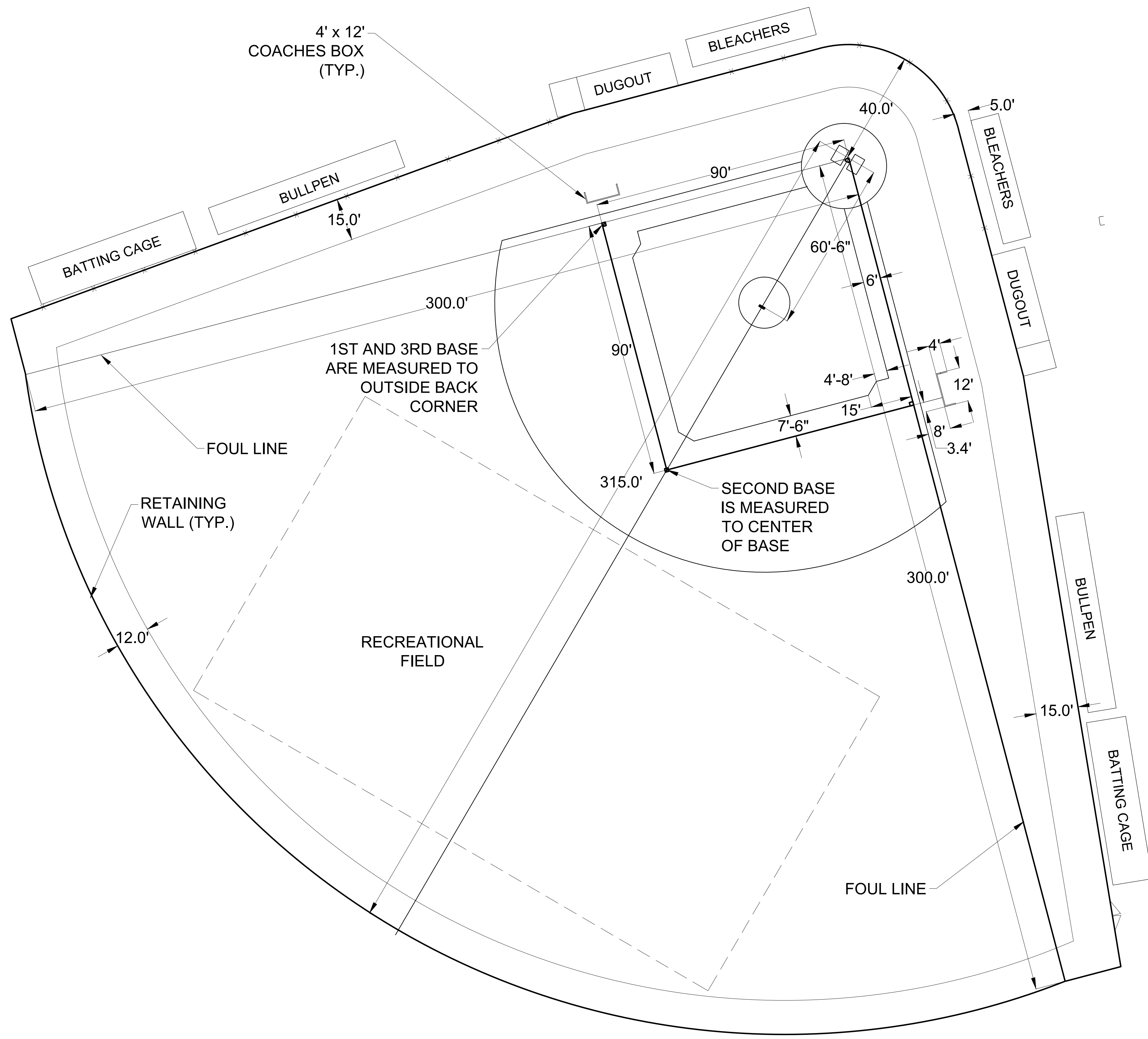
SITE DETAILS

DATE	SYMBOL	DATE	BY	REVISION
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		



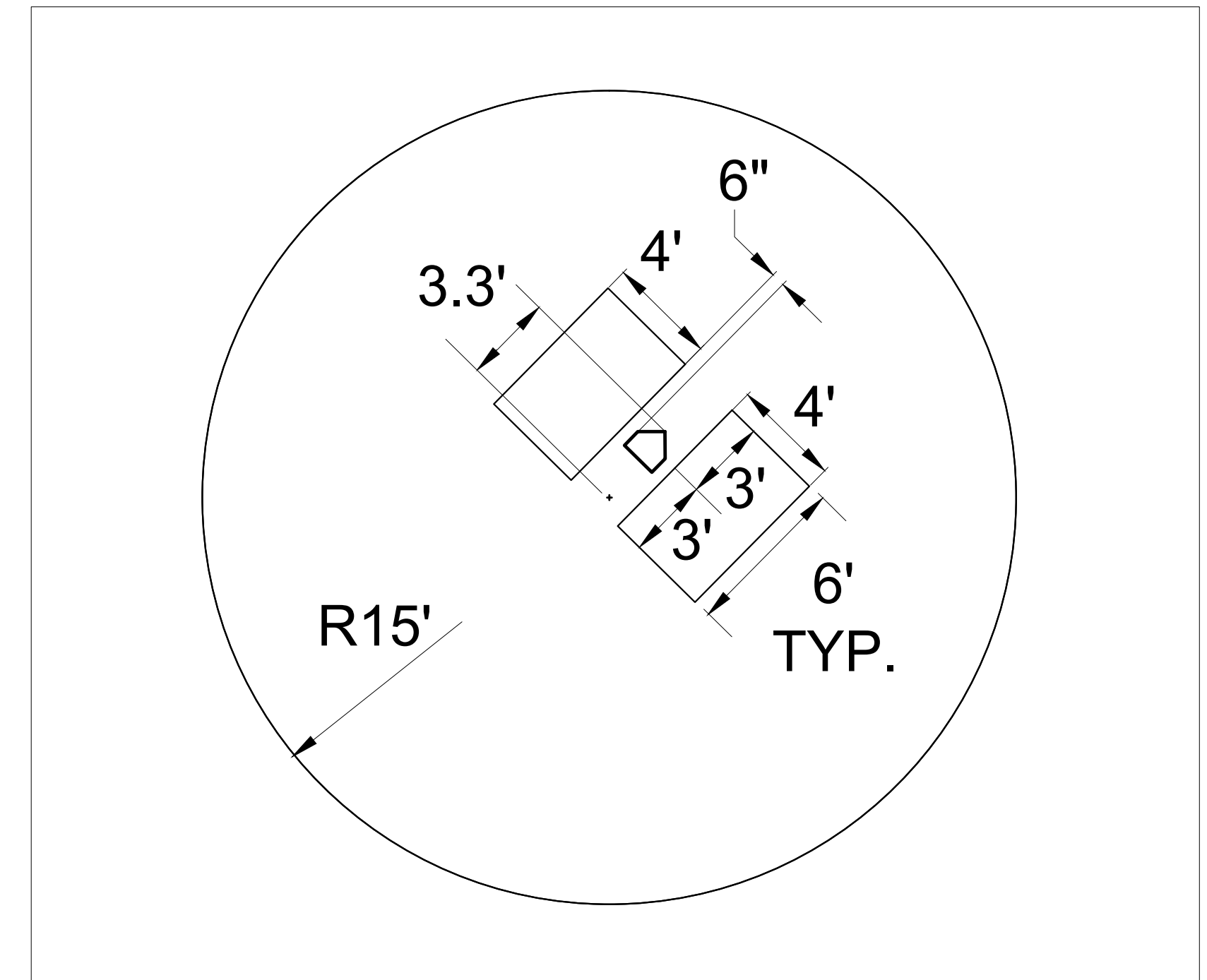
City of
Dunwoody
 Baseball Facilities
 at Brook Run Park

DESIGNED / DRAWN MDC / BKJ	CHECKED DATE 04/12/2017	SCALE	DRAWING TITLE SITE DETAILS
PROJECT NO.			
DRAWING NO. C-1.3	SHEET OF		

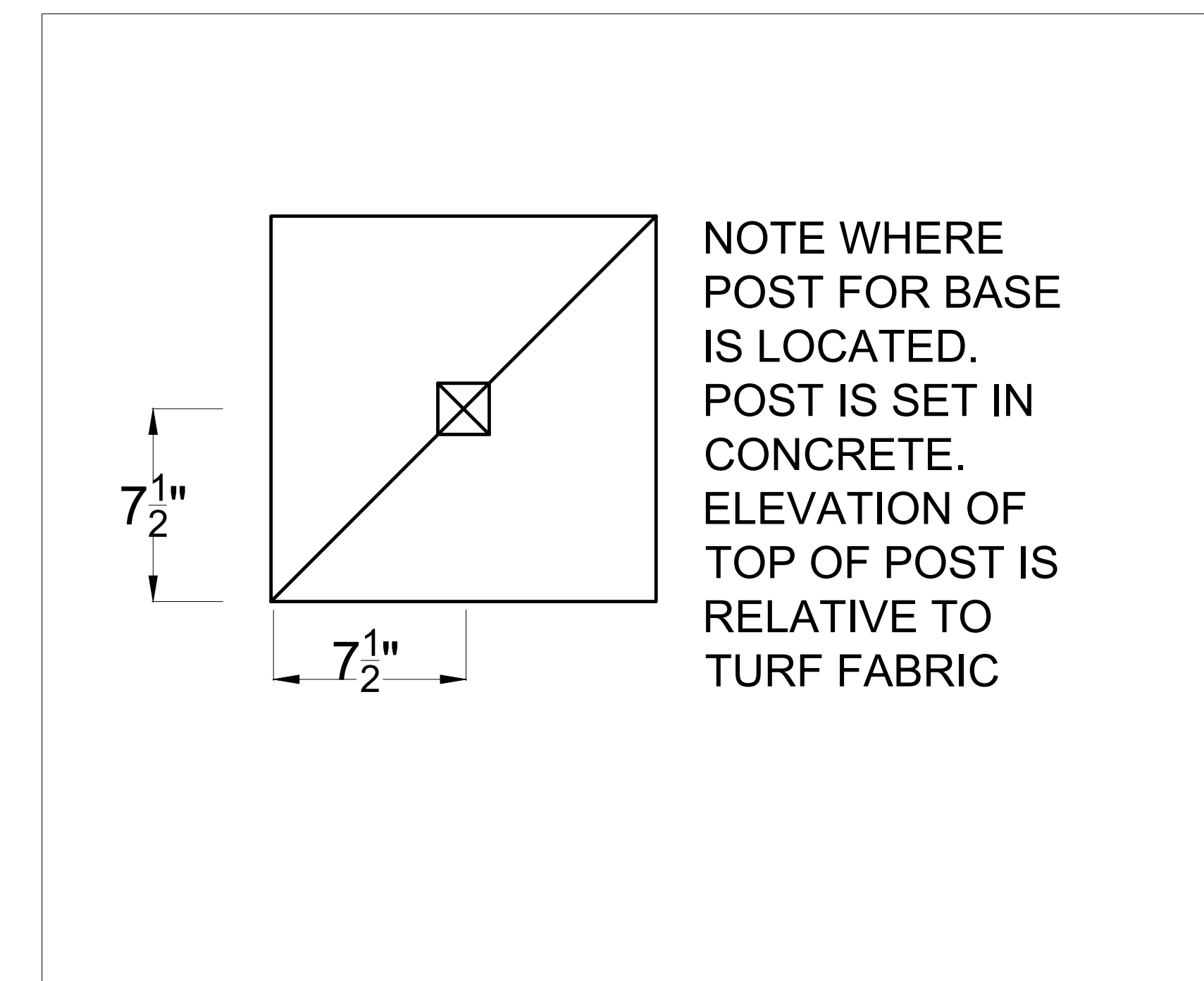


FIELD NOTES

- 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 REMOVABLE BASES.
- F. FOUL LINES, BASE LINES, BATTER'S BOX AND COACH'S BOXES AS INDICATED ON THE PLAN SHALL BE MARKED WITH DESIGNATED COLORS PROVIDED TO CONTRACTOR PRIOR TO CONSTRUCTION.
- G. INFIELD TURF SHALL BE SHAW SPORTSTURF "TRUHOP 46" OR EQUIVALENT. OUTFIELD TURF SHALL BE SHAW SPORTSTURF "TRUHOP 50" OR EQUIVALENT.
- H. REFER TO SHEET C-1.5 FOR INFORMATION ON POSTS FOR BASES.



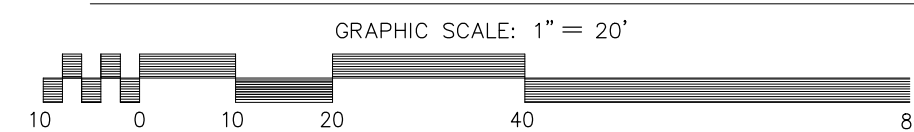
HOME BASE LAYOUT DETAIL
SCALE: 1" = 5'



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



WEST BASEBALL FIELD DIMENSIONING PLAN



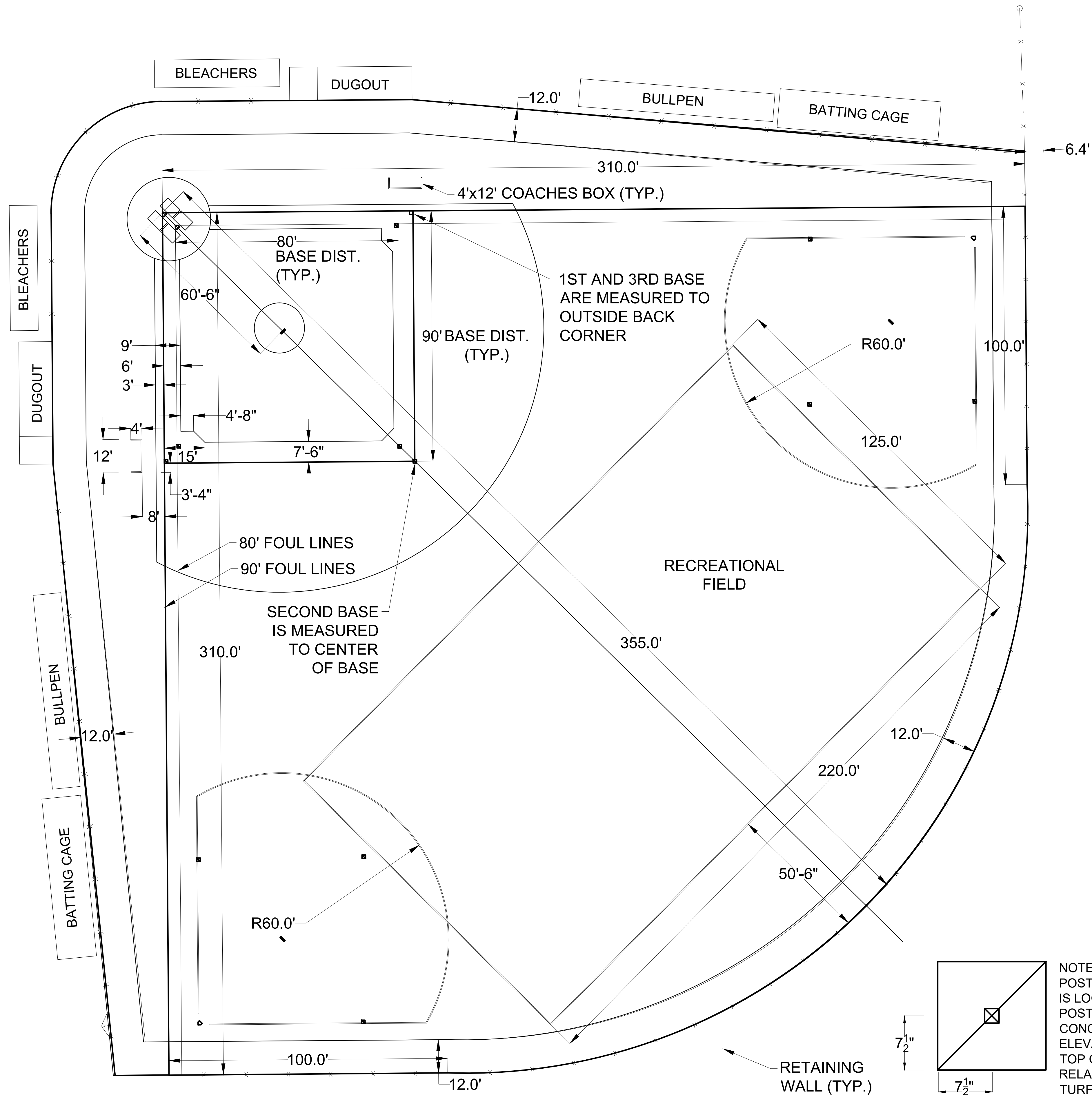
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04-26-2017	MDC	ADDENDUM #1		
05-05-2017	MDC	ADDENDUM #3		
05-11-2017	MDC	ADDENDUM #4		
06-21-2017	RAC	DUNWOODY BUILDING PERMIT		
07-27-2017	MDC	DUNWOODY LDP COMMENTS		

SEAL

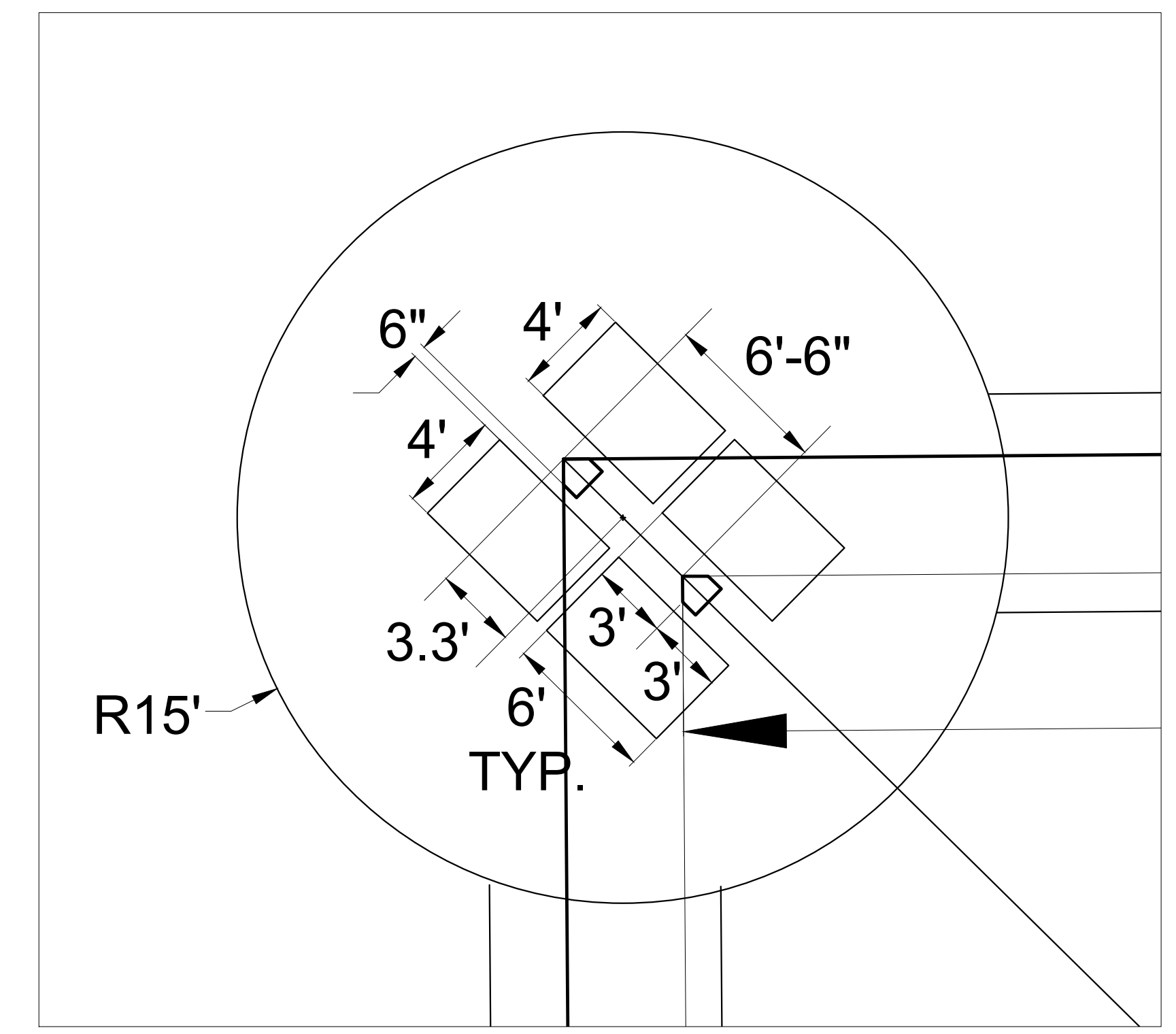
City of **Dunwoody**
Baseball Facilities
at Brook Run Park

CLIENT: PROJECT
DESIGNED/DRAWN: MDC BJK
CHECKED DATE: 04/12/2017
SCALE:
DRAWING TITLE: FIELD DIMENSIONING PLAN (WEST)

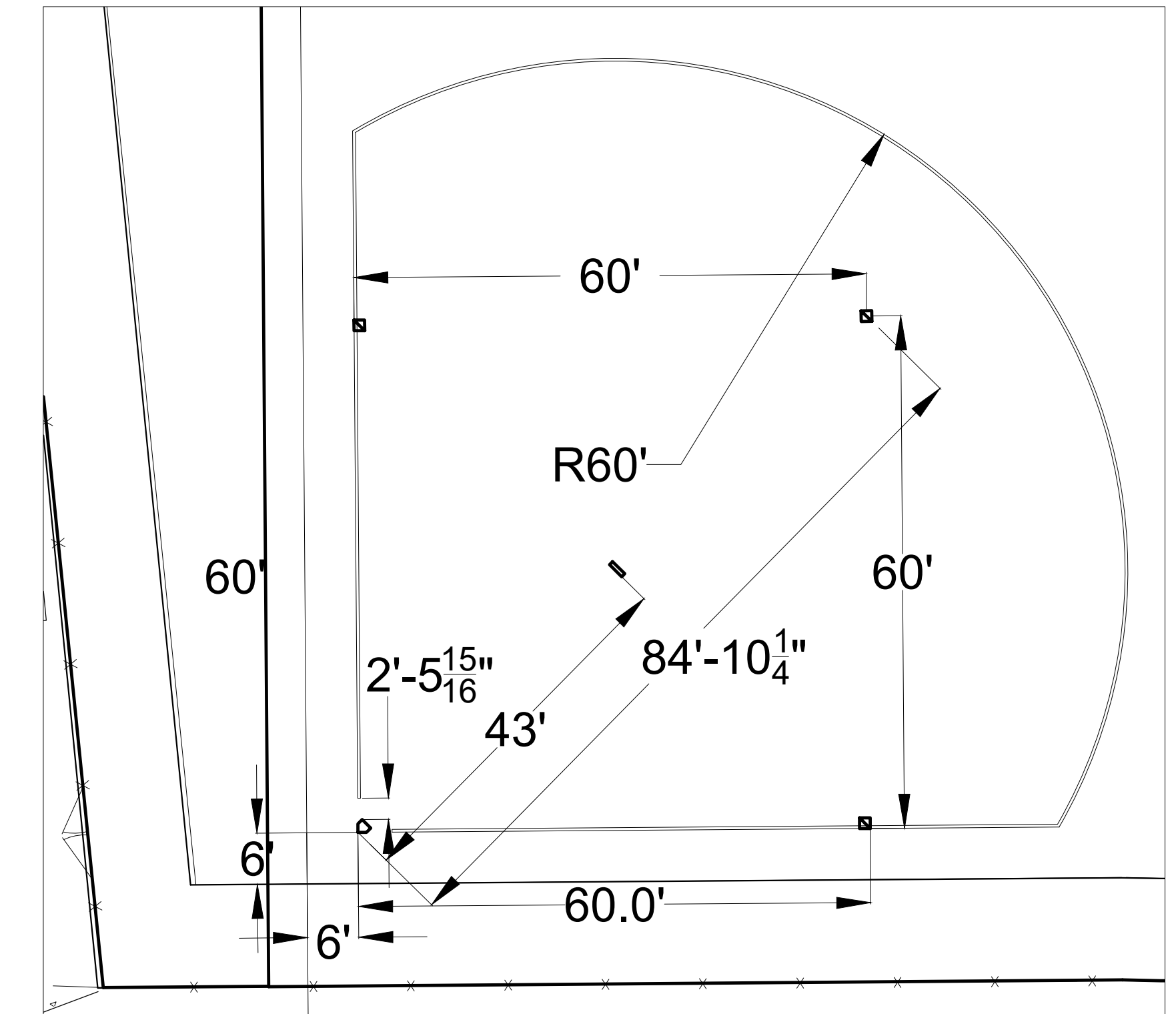
DRAWING NO.: C-1.4
SHEET OF



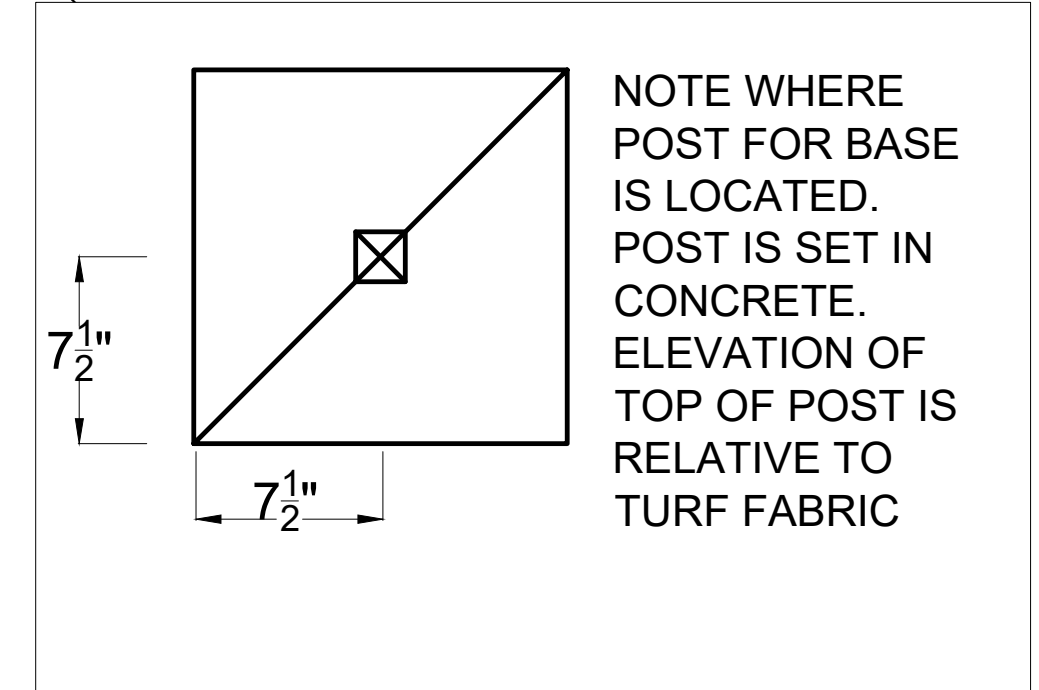
- FIELD NOTES
- THE EAST BASEBALL FIELD IS DIMENSIONED FOR BOTH SENIOR LEAGUE PLAY AND SOFTBALL PLAY. FIELD MEASURES 310' FROM THE APEX OF HOME PLATE DOWN THE LINE, TO THE OUTFIELD FENCE. THE FIELD HAS BASE PATH DISTANCES AS SHOWN.
 - SEE DRAWING C-1.0 FOR STAKING INFORMATION. CONTRACTOR SHALL ENSURE 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).
 - 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.
 - PITCHING DISTANCE SHALL BE 60'-6" FROM THE LEADING EDGE OF THE PITCHER'S RUBBER TO THE APEX OF HOME PLATE FOR 90' BASE PATHS, AND 54'-0" FOR 80' BASE PATHS.
 - HOME PLATE(S) AND BASES FOR EACH FIELD SHALL BE SUPPLIED AND INSTALLED BY THE CONTRACTOR. BASES SHALL BE 15" SQUARE REMOVABLE BASES.
 - FOUL LINES, BASE LINES, BATTER'S BOX AND COACH'S BOXES AS INDICATED ON THE PLAN SHALL BE MARKED WITH DESIGNATED COLORS.
 - INFIELD TURF SHALL BE SHAW SPORTSTURF "TRUHOP 46" OR EQUIVALENT. OUTFIELD TURF SHALL BE SHAW SPORTSTURF "TRUHOP 50" OR EQUIVALENT.



HOME BASE LAYOUT DETAIL
SCALE: 1" = 5'



SOFTBALL DIAMOND LAYOUT DETAIL (TYP.)
SCALE: 1" = 15'



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

EAST FIELD DIMENSIONING PLAN

NORTH

GRAPHIC SCALE: 1" = 20'

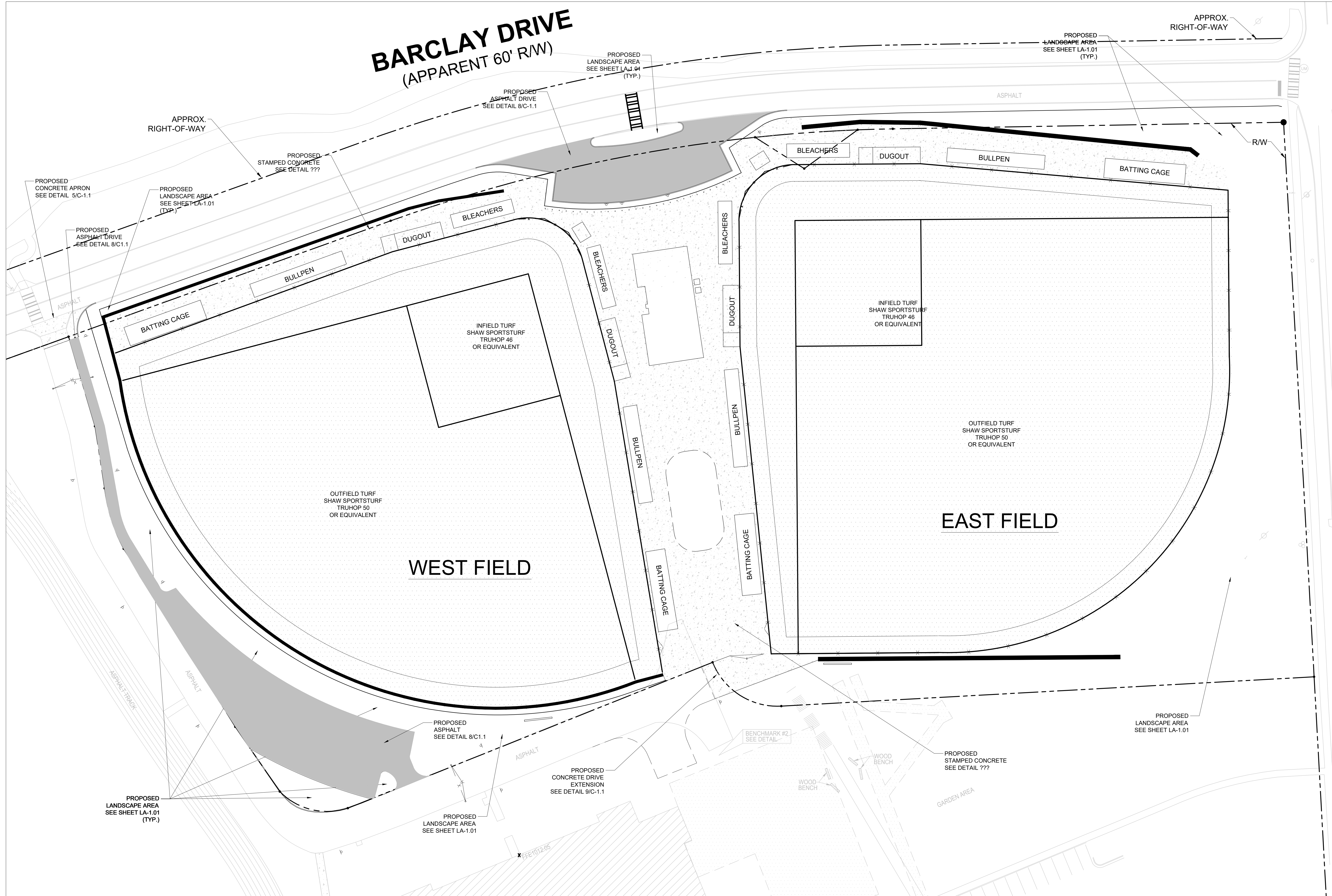
DATE	SYMBOL	DATE	BY	REVISION
04-13-2017	MDC	PRICING SET		
04-26-2017	MDC	ADDENDUM #1		
05-05-2017	MDC	ADDENDUM #3		
05-11-2017	MDC	ADDENDUM #4		
06-21-2017	RAC	DUNWOODY BUILDING PERMIT		
07-27-2017	MDC	DUNWOODY LDP COMMENTS		

CLIENT

City of Dunwoody
Baseball Facilities
at Brook Run Park

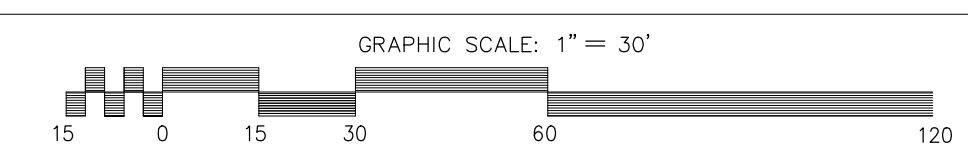
DESIGNED	BKJ	DRAWING TITLE	FIELD DIMENSIONING PLAN (EAST)
CHECKED	MDC	PROJECT NO.	
DATE	04/12/2017	SCALE	
DRAWING NO.	C-1.5		
SHEET	OF		

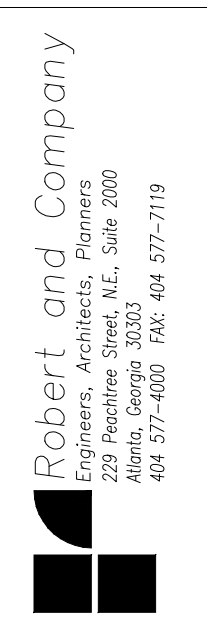
BARCLAY DRIVE (APPARENT 60' R/W)



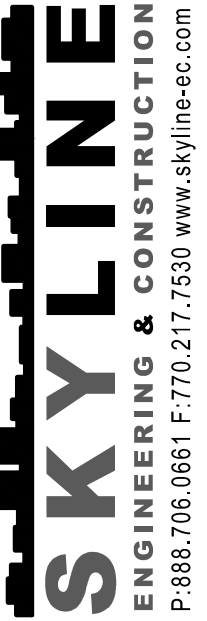
NORTH

SITE MATERIAL PLAN






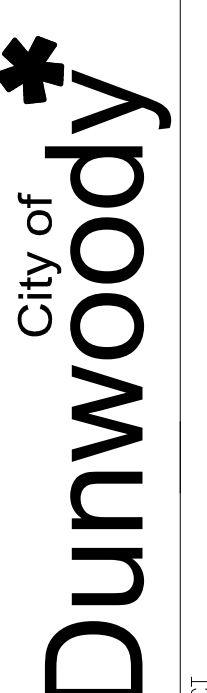
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04-26-2017	MDC	ADDENDUM #1	
05-05-2017	MDC	ADDENDUM #3	
05-11-2017	MDC	ADDENDUM #4	
06-21-2017	RAC	DUNWOODY BUILDING PERMIT	
07-27-2017	MDC	DUNWOODY LDP COMMENTS	





City of
Dunwoody

Baseball Facilities
at Brook Run Park

DESIGNED / DRAWN
MDC / BJK

CHECKED DATE
04/12/2017

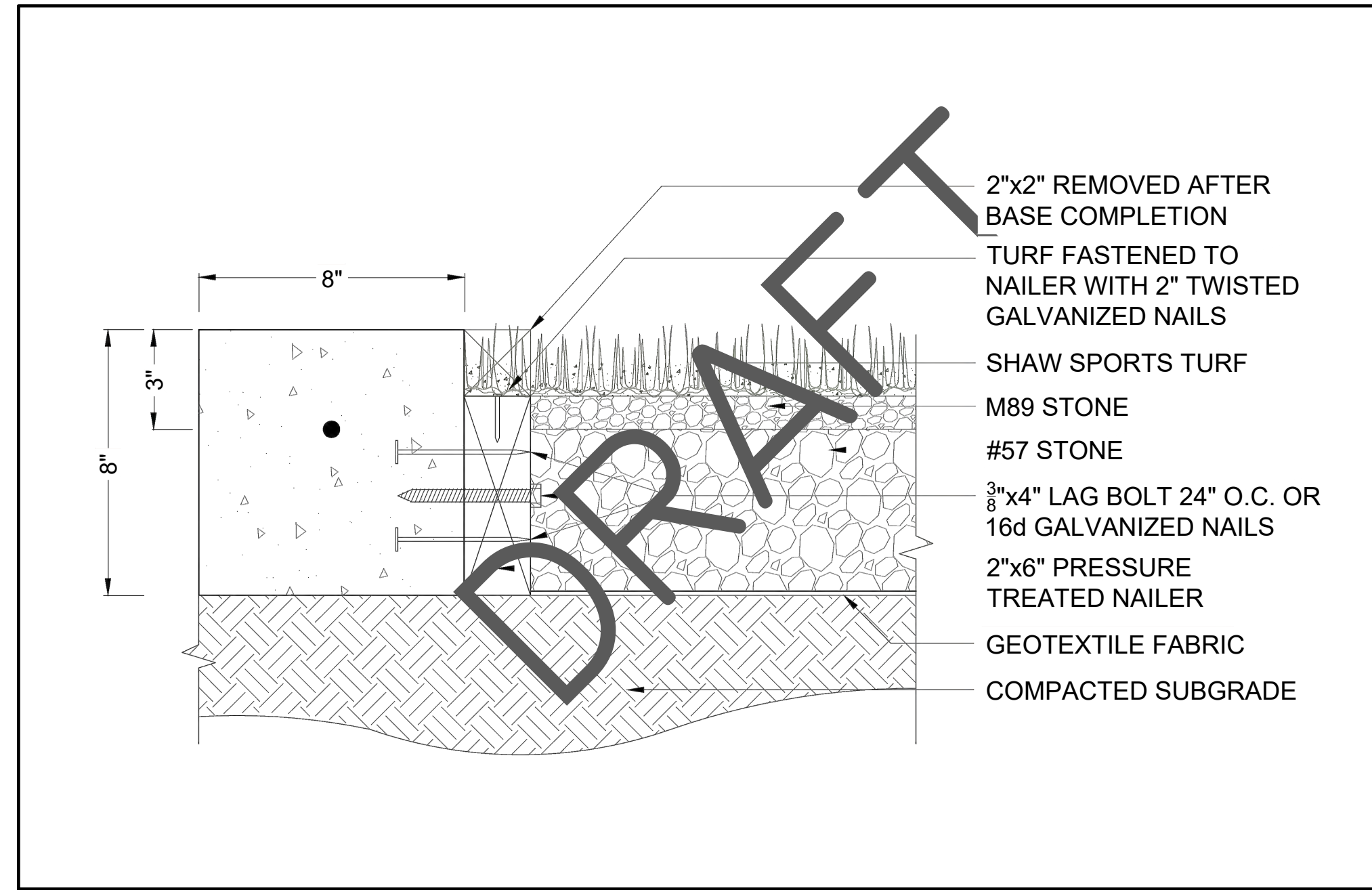
SCALE

PROJECT NO.

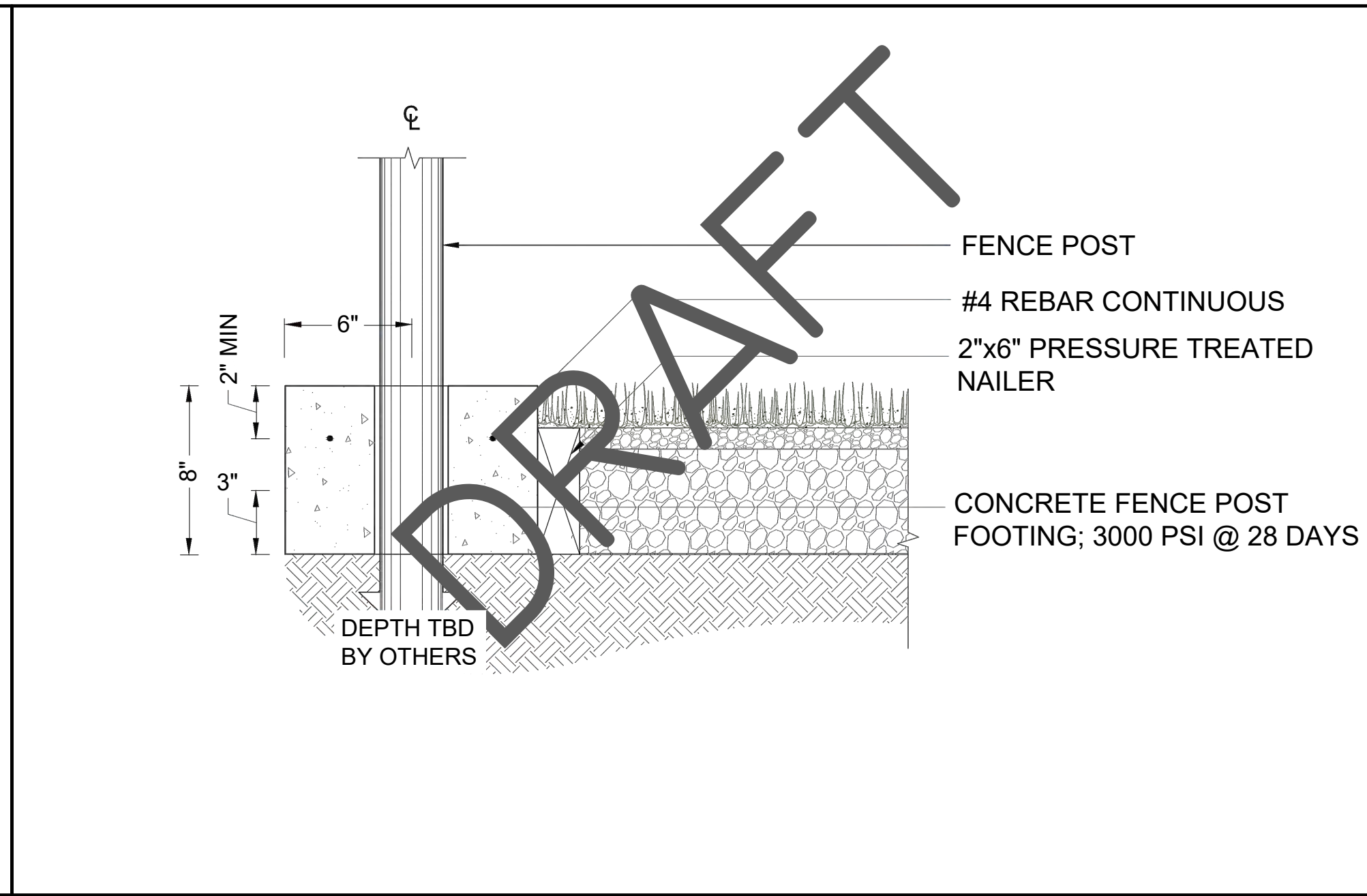
DRAWING TITLE
SITE MATERIAL PLAN

DRAWING NO.
C-1.6

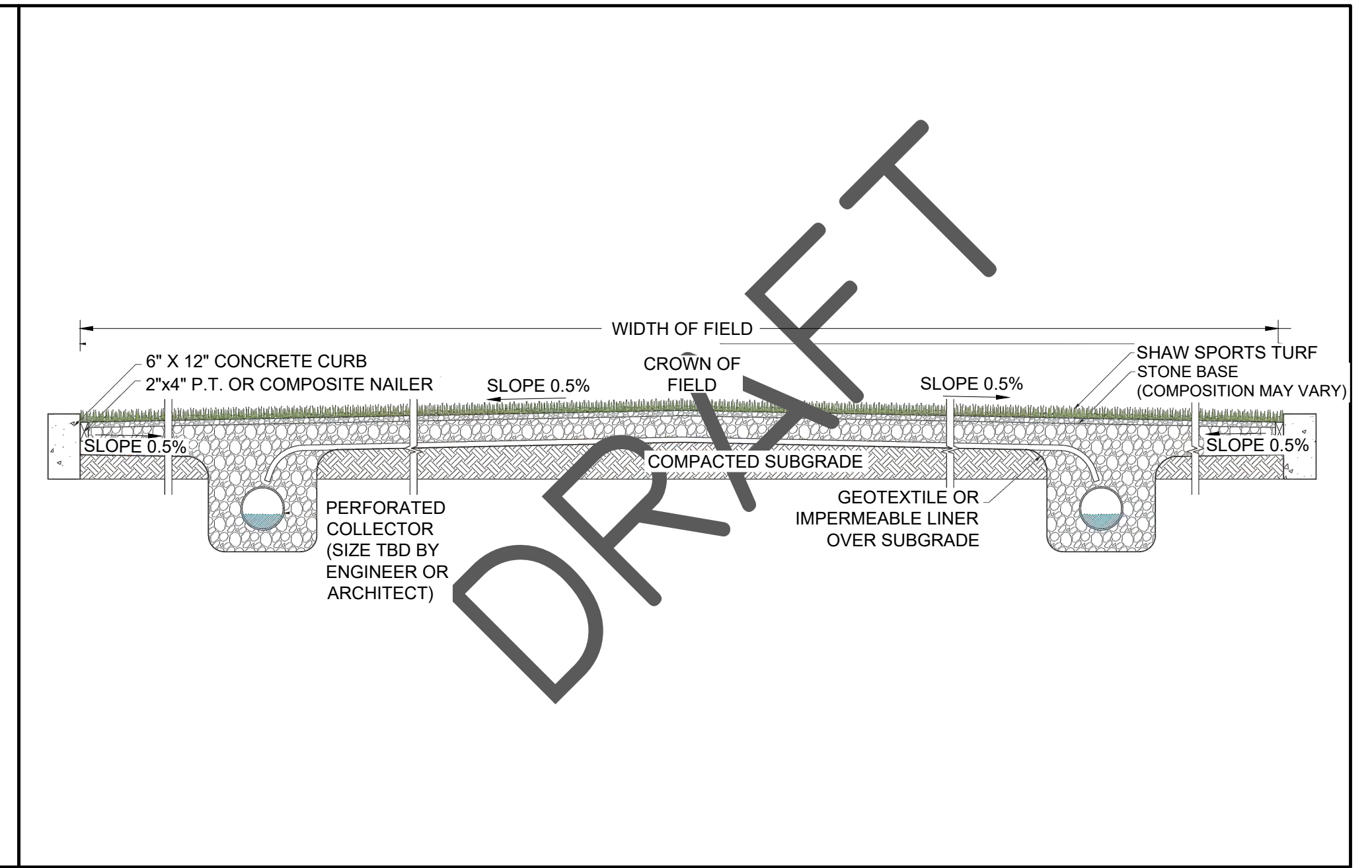
SHEET OF



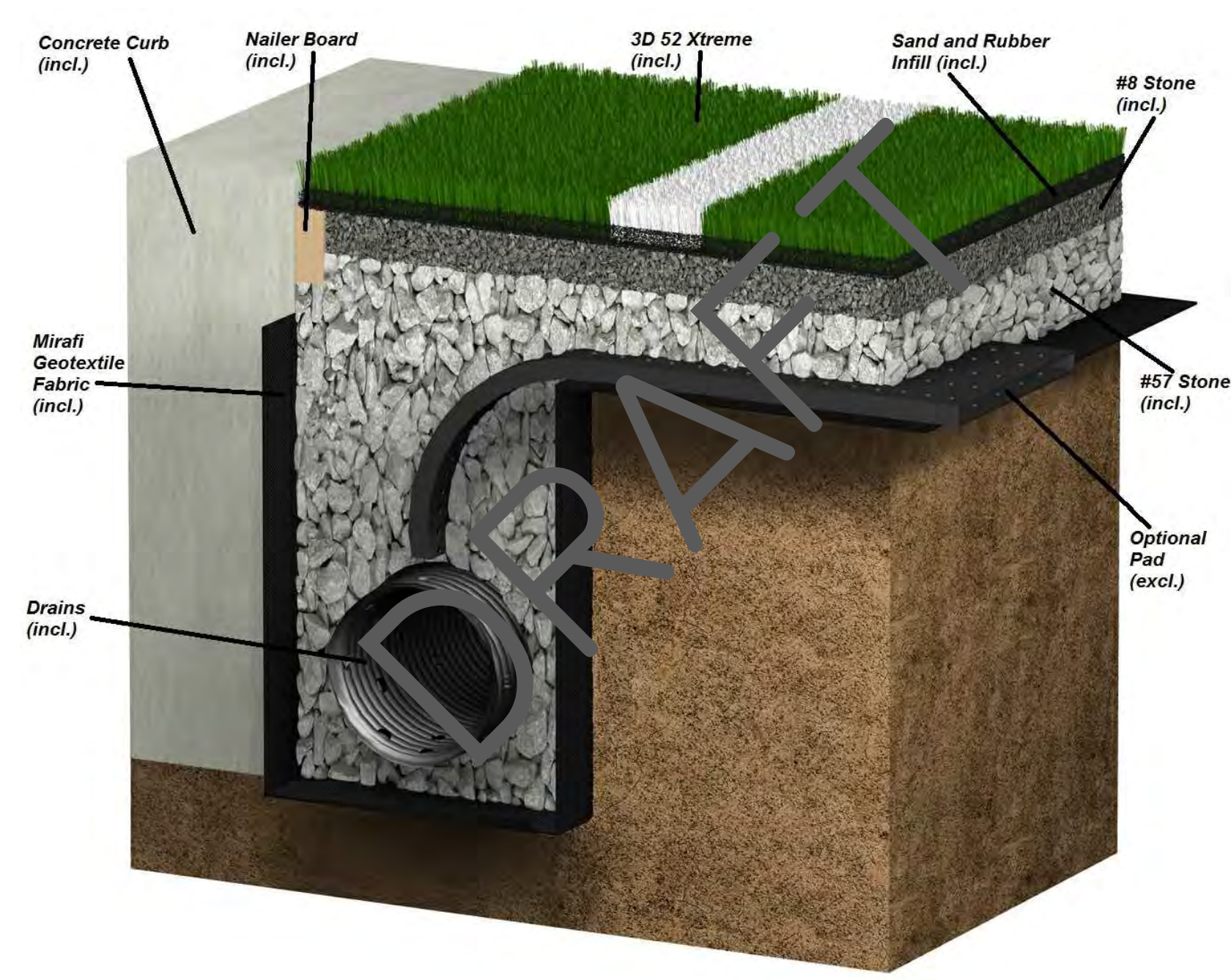
1
C1.7
SAMPLE
TURF @ CONCRETE CURB
NO SCALE - PROVIDE THIS SOLUTION OR APPROVED ALTERNATE



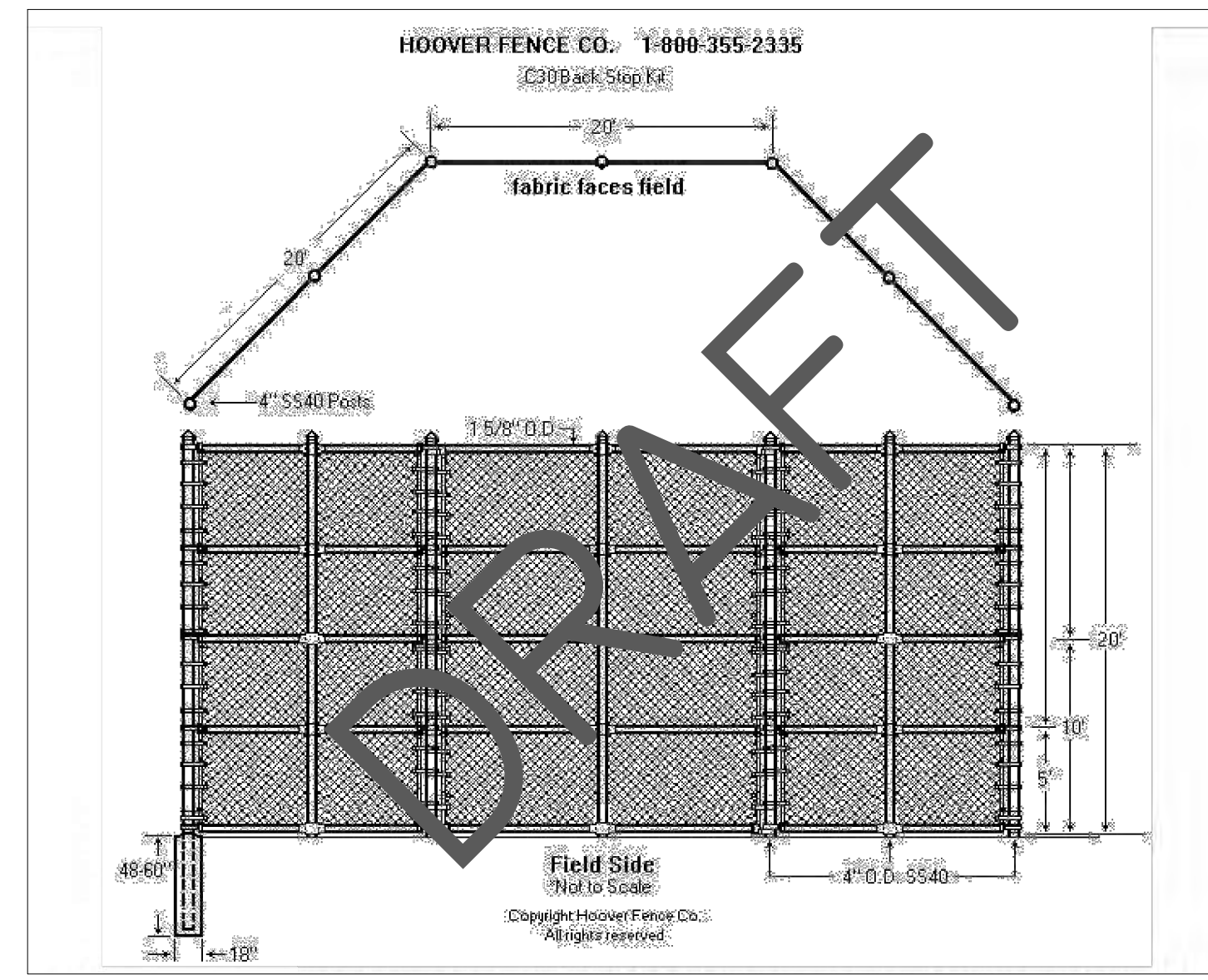
2
C1.7
SAMPLE
TURF @ FENCE POST
NO SCALE - PROVIDE THIS SOLUTION OR APPROVED ALTERNATE



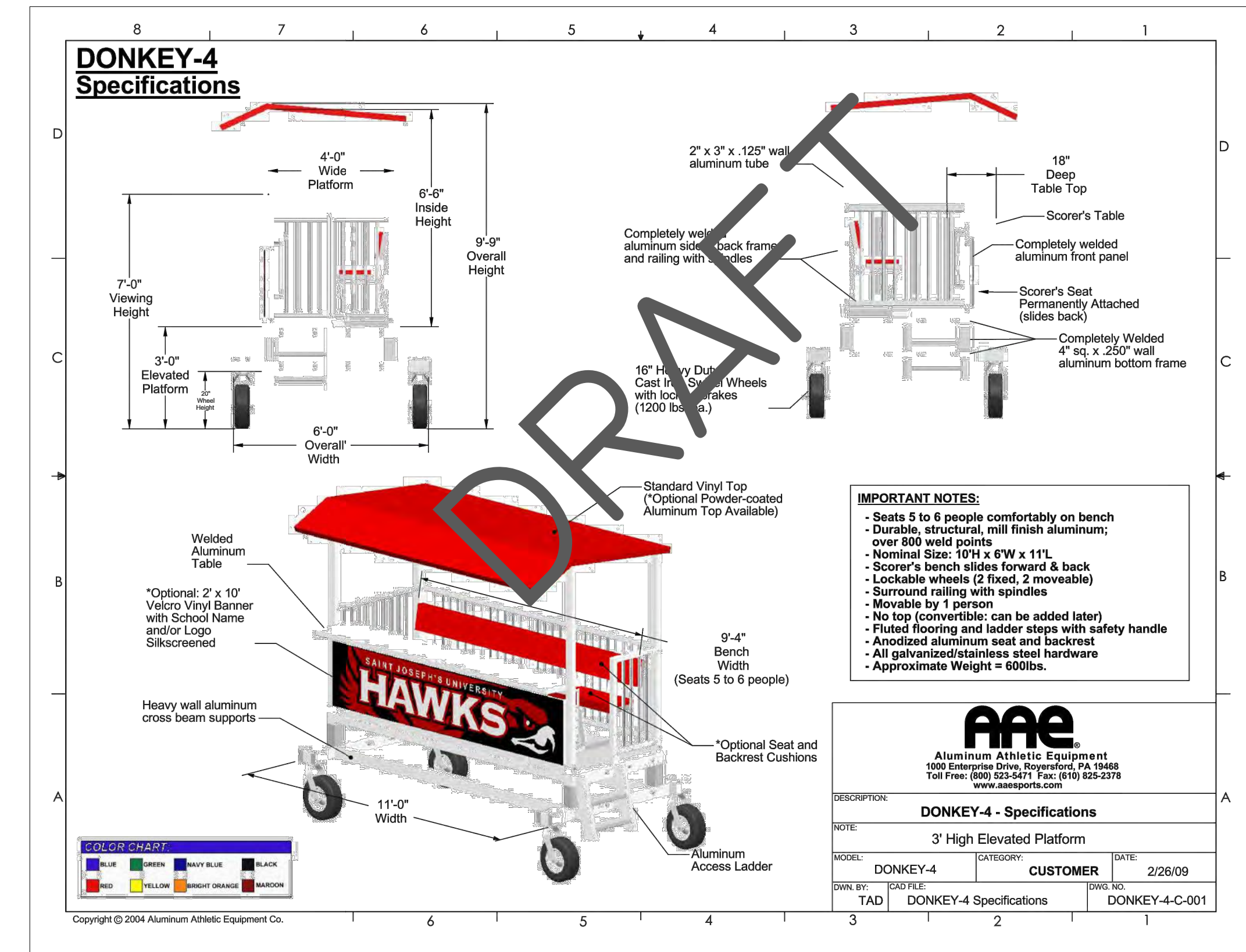
3
C1.7
SAMPLE
TURF FIELD CROSS SECTION
NO SCALE - PROVIDE THIS SOLUTION OR APPROVED ALTERNATE



4
C1.7
SAMPLE
TURF CROSS SECTION
NO SCALE - PROVIDE THIS SOLUTION OR APPROVED ALTERNATE



5
C1.7
SAMPLE
BACKSTOP DETAIL
NO SCALE - PROVIDE THIS SOLUTION OR APPROVED ALTERNATE



6
C1.7
SAMPLE
SCORER STAND DETAIL
NO SCALE - PROVIDE THIS SOLUTION OR APPROVED ALTERNATE

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.

DATE	BY	SYMBOL	REVISION
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



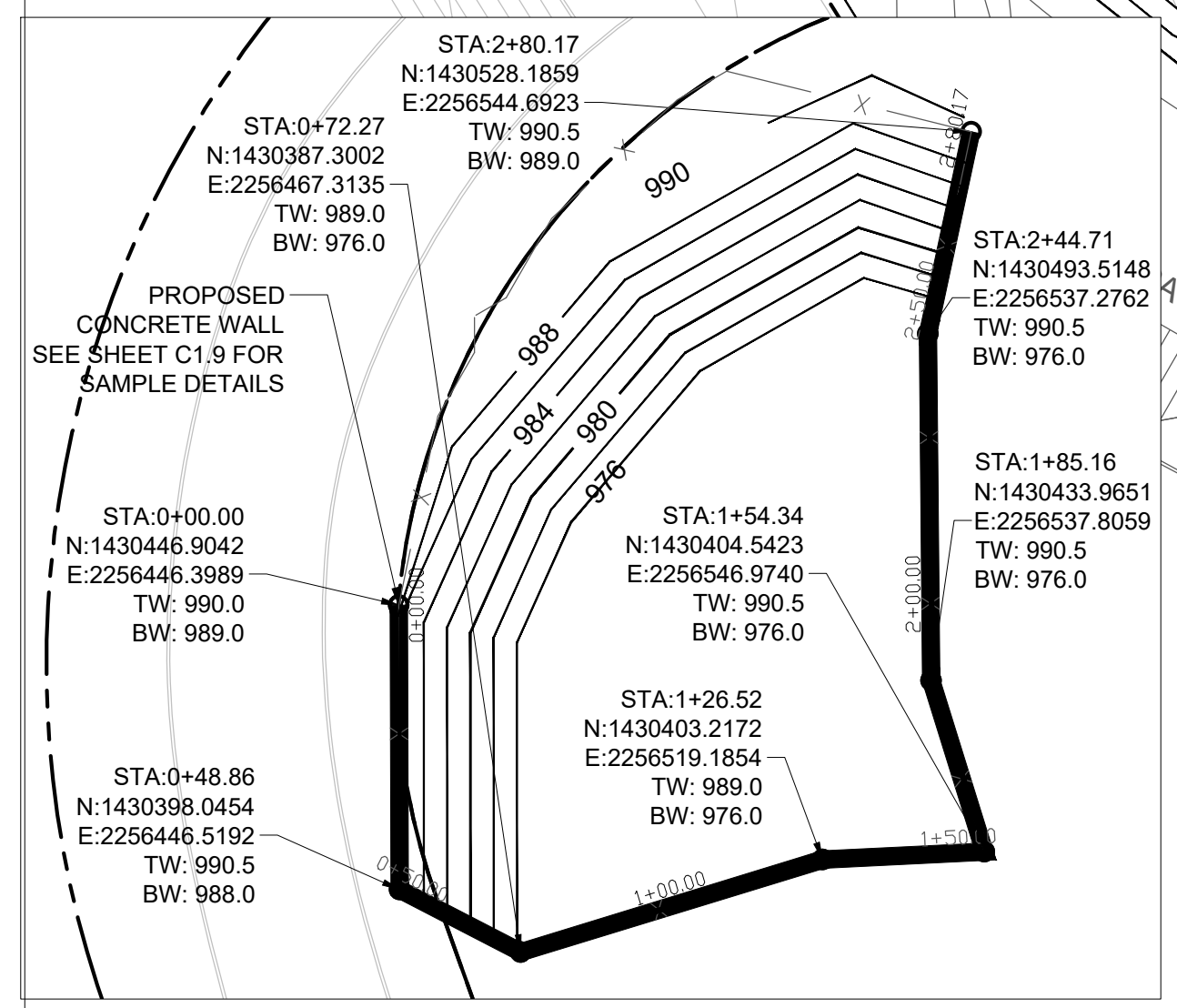
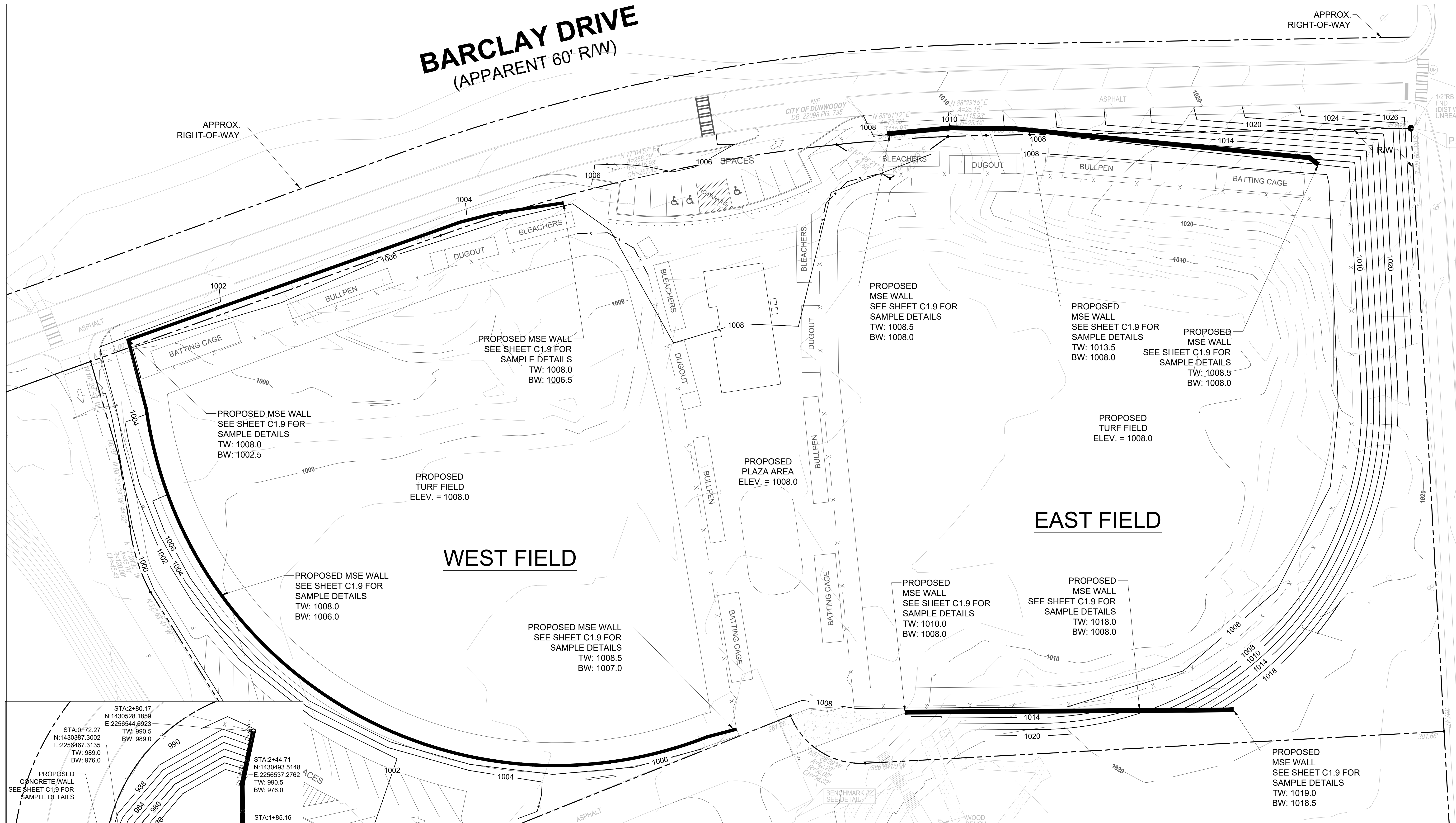
City of **Dunwoody**
 Baseball Facilities
 at Brook Run Park

DESIGNED BY MDC	DRAWN BY BKJ	CHECKED DATE 04/12/2017	SCALE
PROJECT NO.		FIELD DETAILS	
DRAWING TITLE		C-1.7	
DRAWING NO.		SHEET	
OF			

BARCLAY DRIVE (APPARENT 60' R/W)

APPROX. RIGHT-OF-WAY

APPROX. RIGHT-OF-WAY

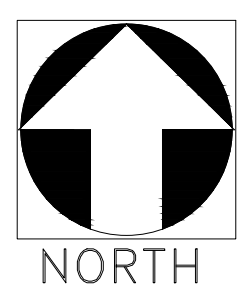
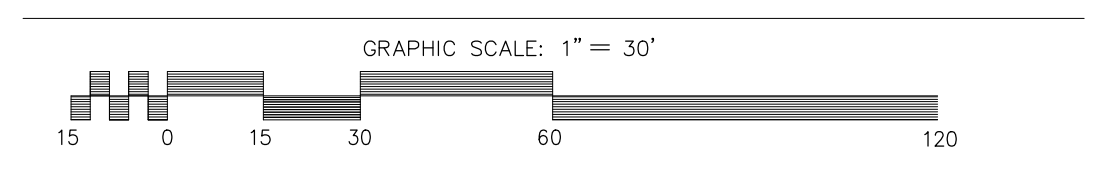


WALL LAYOUT PLAN AT POND

GRAPHIC SCALE: 1" = 30'

NORTH

WALL LAYOUT PLAN



- NOTES:
- 3RD PARTY WALL DESIGN TO SUPERCEDE WALL TYPE & LOCATION RECOMMENDATIONS.
 - ALL WALL TYPES SHALL BE FACED WITH THE SAME MATERIAL (MSE BLOCK).

Robert and Company
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 229 Peachtree Street, N.E., Suite 2000
 Atlanta, Georgia 30308
 404.577.4900 FAX: 404.577.7119

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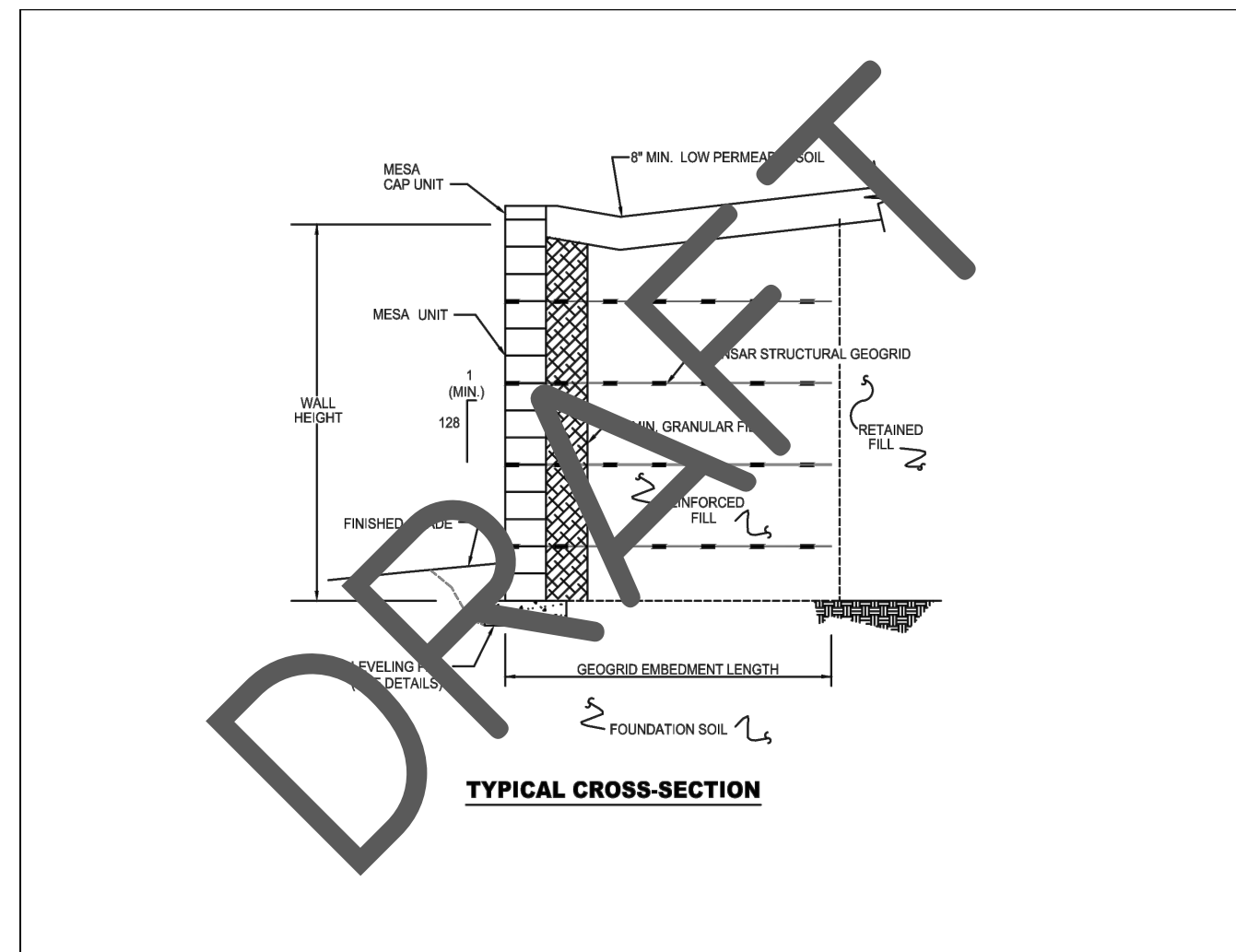
DATE	BY	REVISION
04-13-2017	MDC	PRICING SET
04-26-2017	MDC	ADDENDUM #1
05-05-2017	MDC	ADDENDUM #3
05-11-2017	MDC	ADDENDUM #4
06-21-2017	RAC	DUNWOODY BUILDING PERMIT
07-27-2017	MDC	DUNWOODY LDP COMMENTS

SEAL: No. 030386 PROFESSIONAL ENGINEER MARK D. COOKE

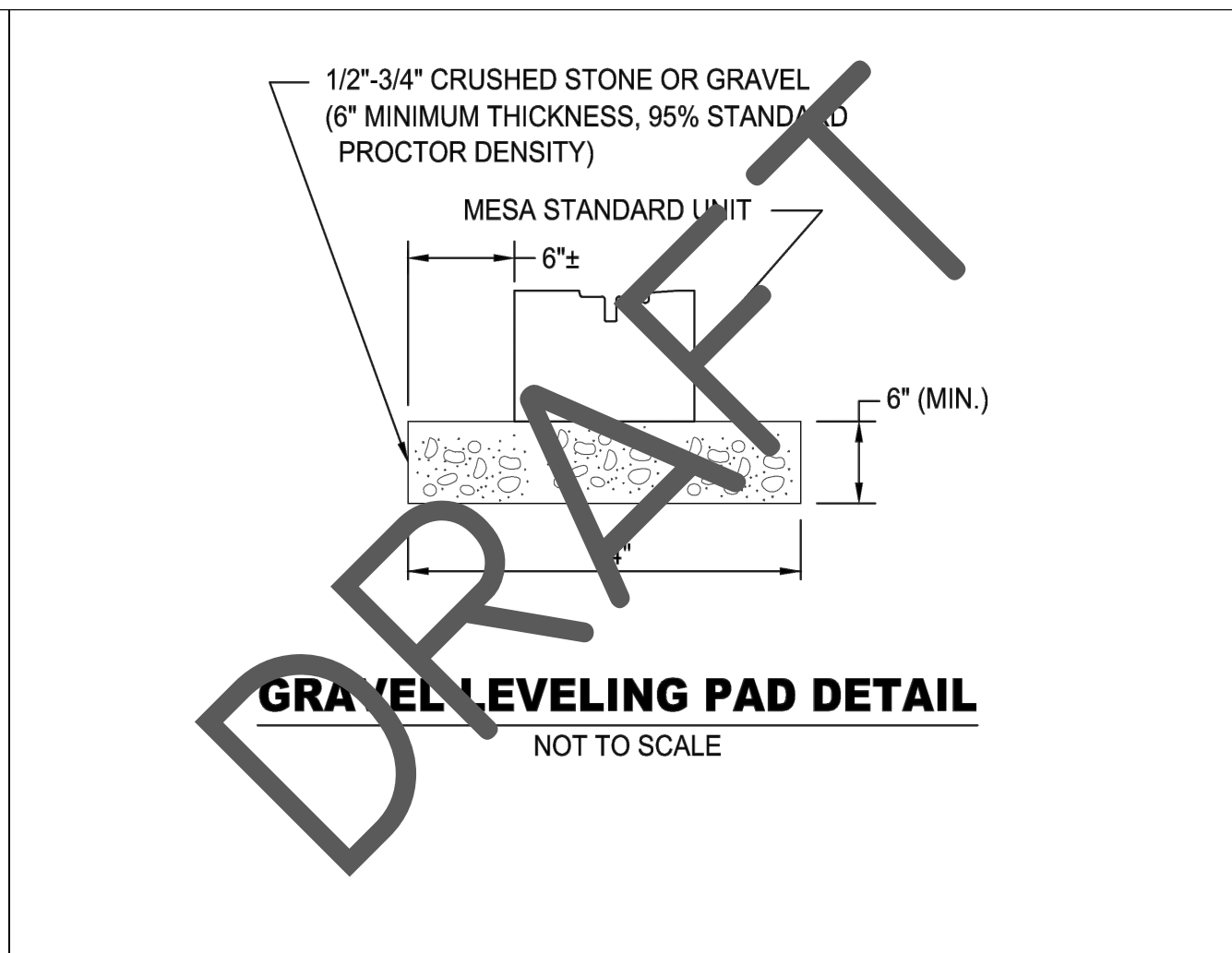
City of Dunwoody
 PROJECT: Baseball Facilities at Brook Run Park

DRAWING NO. **C-1.8**

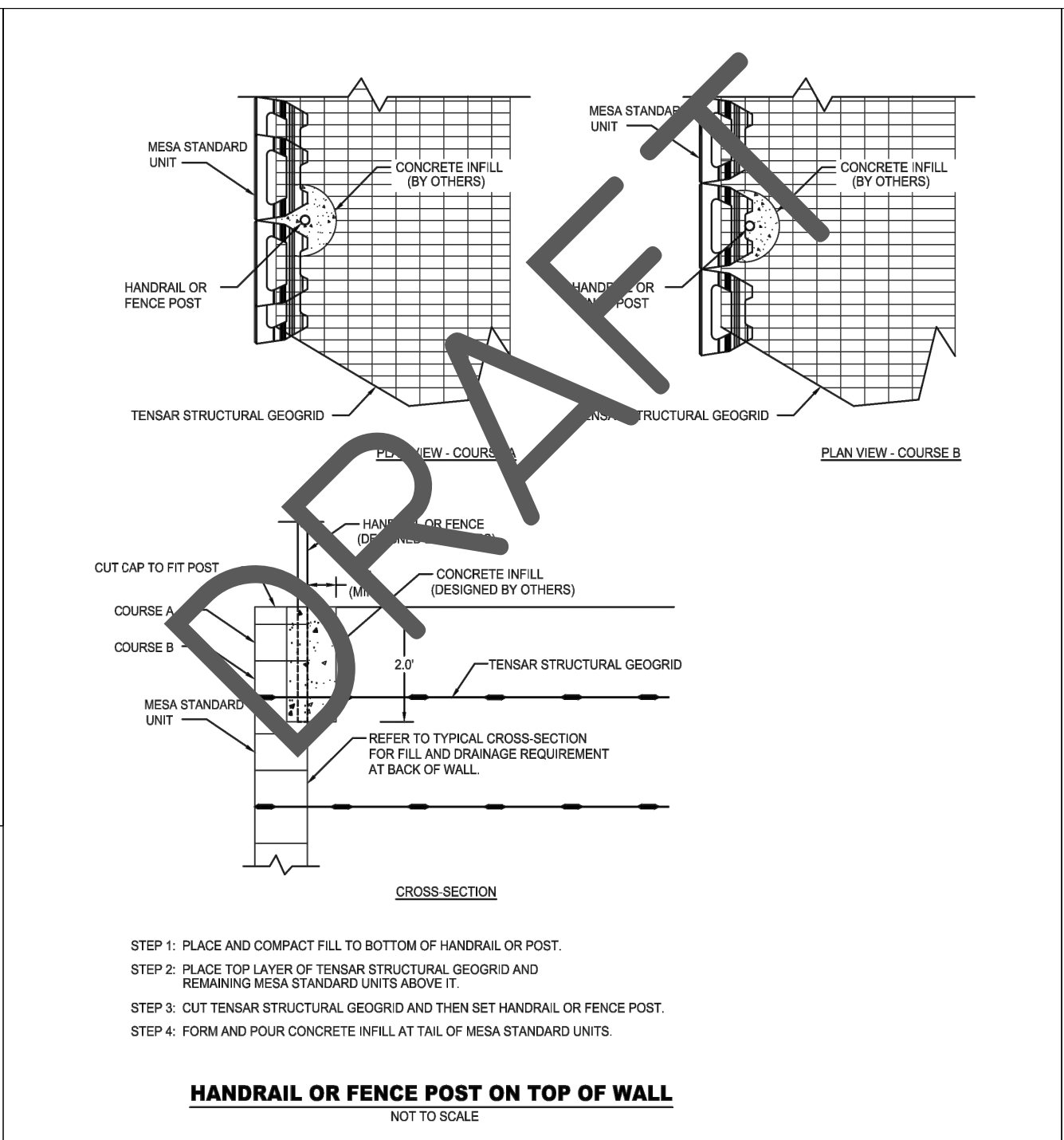
SHEET OF



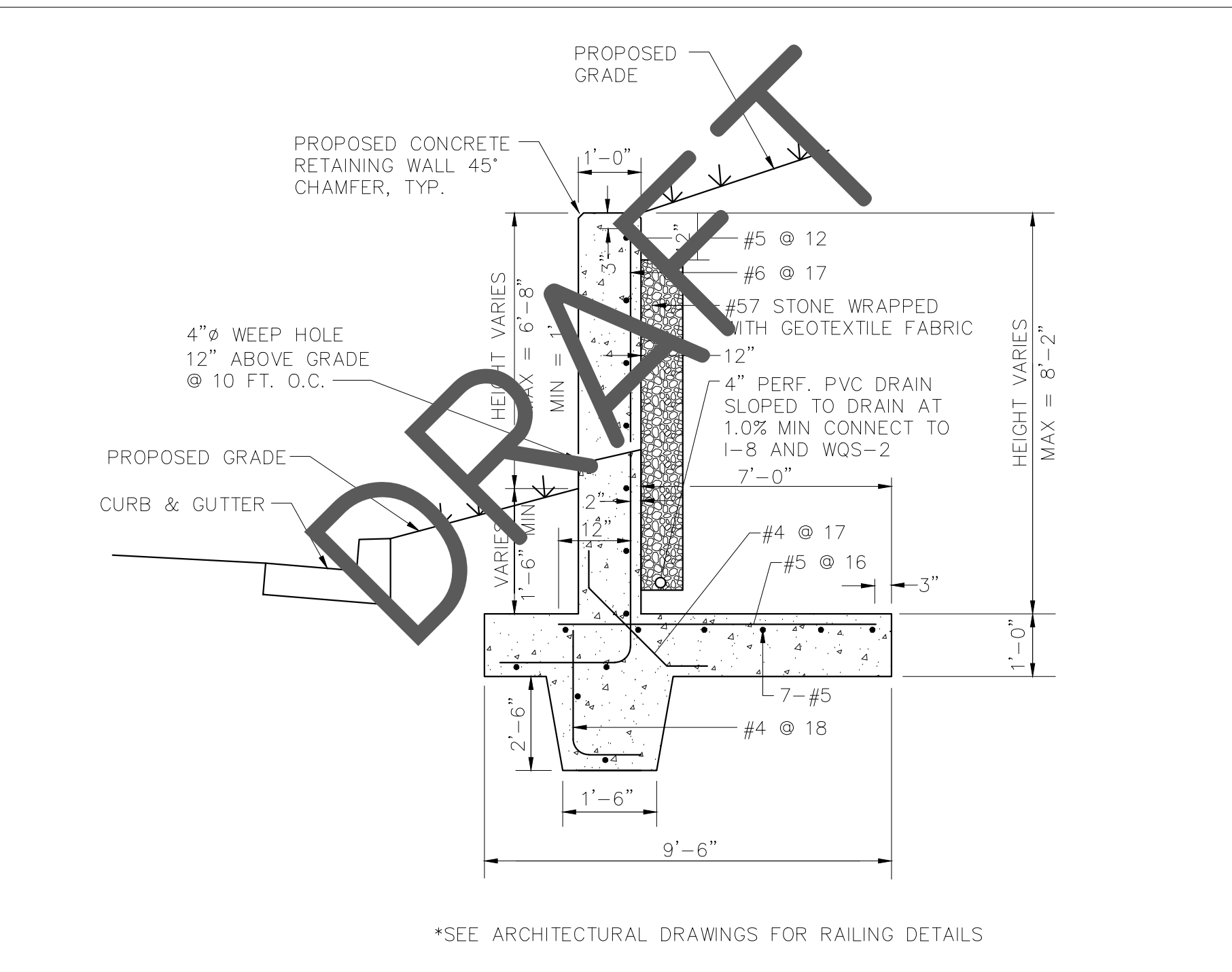
1
C1.7 SAMPLE CROSS SECTION
MSE WALL—NEAR VERTICAL
NO SCALE – REFERENCE ONLY



2
C1.7 SAMPLE MSE WALL
GRAVEL LEVELING PAD
NO SCALE – REFERENCE ONLY



3
C1.7 SAMPLE MSE WALL
GRAVEL LEVELING PAD
NO SCALE – REFERENCE ONLY



6
C1.7 SAMPLE SECTION
CONCRETE WALL
NO SCALE – REFERENCE ONLY

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.

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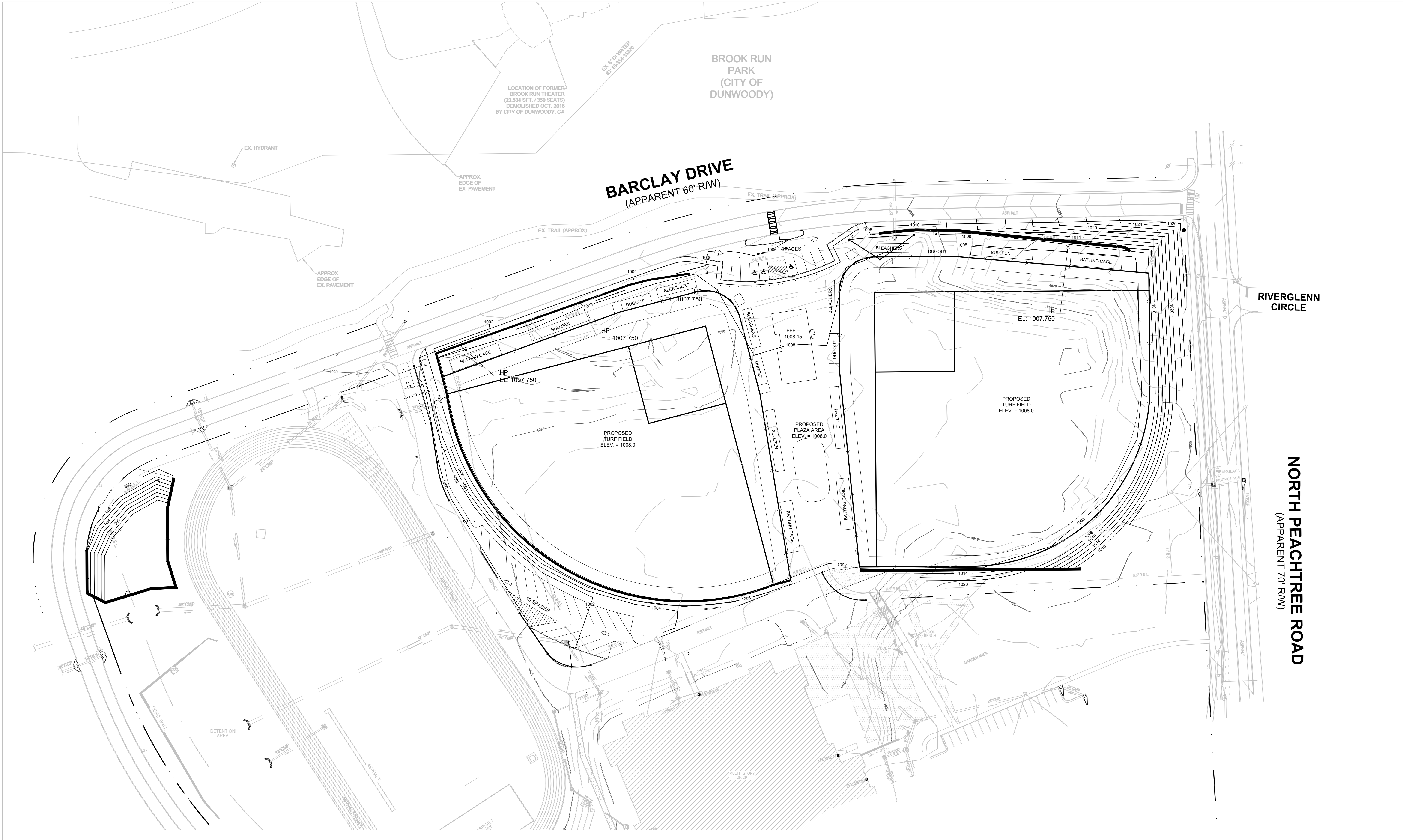
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04-13-2017		MDC	PRICING SET
04-26-2017		MDC	ADDENDUM #1
05-05-2017		MDC	ADDENDUM #3
05-11-2017		MDC	ADDENDUM #4
06-21-2017		RAC	DUNWOODY BUILDING PERMIT
07-27-2017		MDC	DUNWOODY LDP COMMENTS

City of Dunwoody
Baseball Facilities
at Brook Run Park

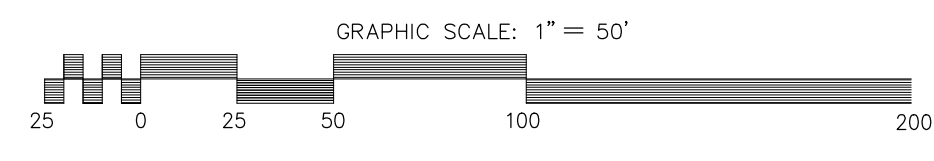
WALL DETAILS

DRAWING NO. **C-1.9**

SHEET OF



GRADING PLAN



EARTHWORK NOTE:
 THE FOLLOWING EARTHWORK INFORMATION IS FOR REFERENCE ONLY. THE CONTRACTOR IS RESPONSIBLE FOR VERIFYING ALL EXISTING GRADES AND PROPOSED VOLUME ESTIMATES PRIOR TO CONSTRUCTION.

CUT: 22,324 CY
 FILL: 31,013 CY
 NET: 8,692 CY (CUT)

DATE	SYMBOL	BY	REVISION
04-13-2017	MDC	PRICING SET	
04-26-2017	MDC	ADDENDUM #1	
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07-27-2017	MDC	DUNWOODY LDP COMMENTS	

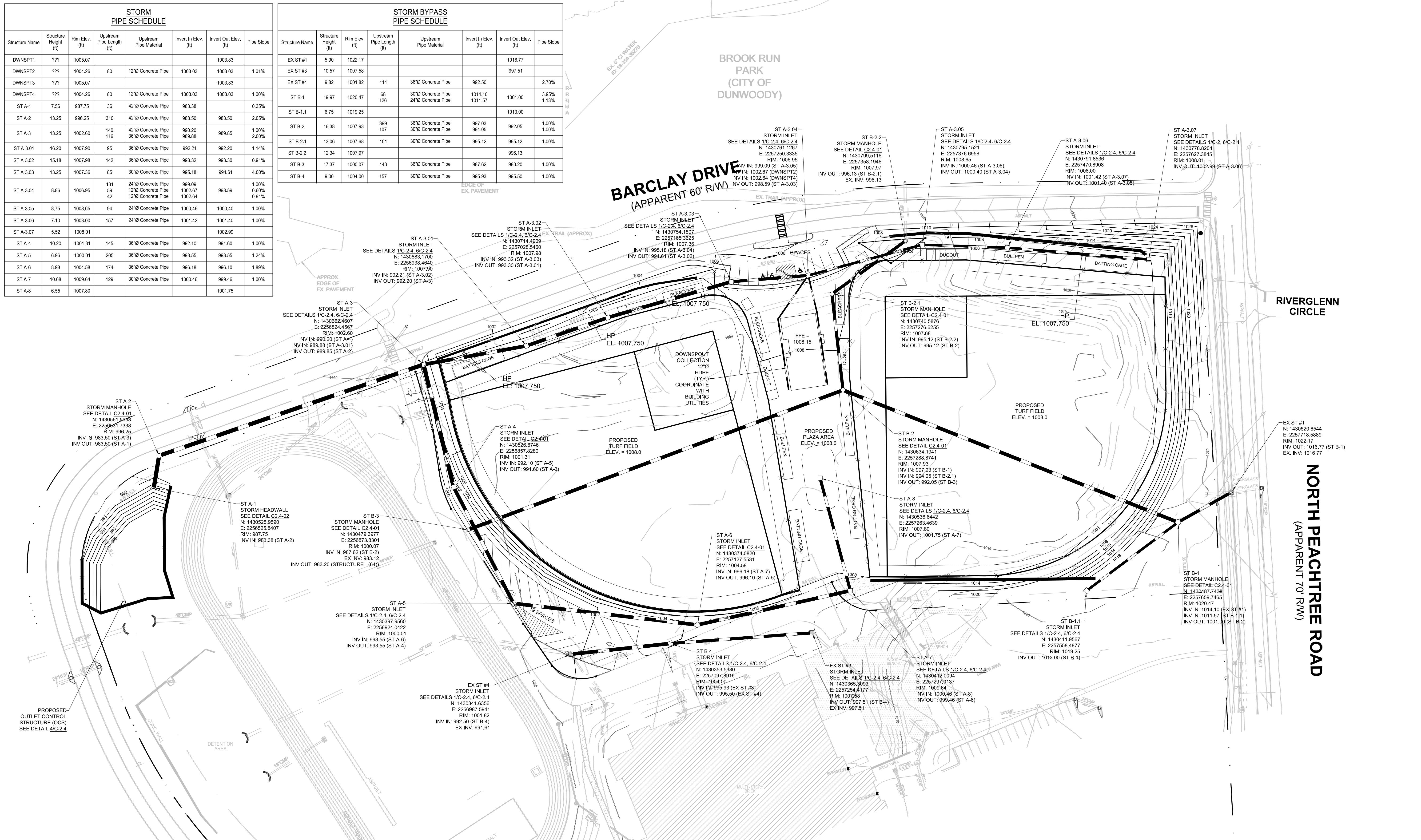


City of **Dunwoody**
 PROJECT: Baseball Facilities at Brook Run Park

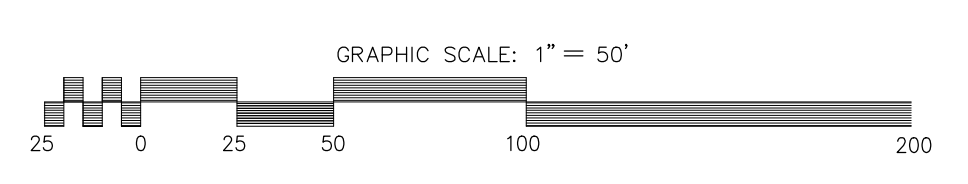
DESIGNED / DRAWN MDC / BJK	CHECKED / DATE 04/12/2017	SCALE
DRAWING TITLE GRADING PLAN		
DRAWING NO. C-2.0		
SHEET OF		

STORM PIPE SCHEDULE							
Structure Name	Structure Height (ft)	Rim Elev. (ft)	Upstream Pipe Length (ft)	Upstream Pipe Material	Invert In Elev. (ft)	Invert Out Elev. (ft)	Pipe Slope
DWNSPT1	???	1005.07				1003.83	
DWNSPT2	???	1004.26	80	12" Concrete Pipe	1003.03	1003.03	1.01%
DWNSPT3	???	1005.07				1003.83	
DWNSPT4	???	1004.26	80	12" Concrete Pipe	1003.03	1003.03	1.00%
ST A-1	7.56	987.75	36	42" Concrete Pipe	983.38		0.35%
ST A-2	13.25	996.25	310	42" Concrete Pipe	983.50	983.50	2.05%
ST A-3	13.25	1002.60	140	42" Concrete Pipe	990.20	989.85	1.00%
ST A-3.01	16.20	1007.90	95	36" Concrete Pipe	992.21	992.20	1.14%
ST A-3.02	15.18	1007.98	142	36" Concrete Pipe	993.32	993.30	0.91%
ST A-3.03	13.25	1007.36	85	30" Concrete Pipe	995.18	994.61	4.00%
ST A-3.04	8.86	1006.95	131	24" Concrete Pipe	999.09	1002.67	1.00%
ST A-3.05	8.75	1008.65	94	24" Concrete Pipe	1000.46	1000.40	1.00%
ST A-3.06	7.10	1008.00	157	24" Concrete Pipe	1001.42	1001.40	1.00%
ST A-3.07	5.52	1008.01				1002.99	
ST A-4	10.20	1001.31	145	36" Concrete Pipe	992.10	991.60	1.00%
ST A-5	6.96	1000.01	205	36" Concrete Pipe	993.55	993.55	1.24%
ST A-6	8.98	1004.58	174	36" Concrete Pipe	996.18	996.10	1.89%
ST A-7	10.68	1009.64	129	30" Concrete Pipe	1000.46	999.46	1.00%
ST A-8	6.55	1007.80				1001.75	

STORM BYPASS PIPE SCHEDULE							
Structure Name	Structure Height (ft)	Rim Elev. (ft)	Upstream Pipe Length (ft)	Upstream Pipe Material	Invert In Elev. (ft)	Invert Out Elev. (ft)	Pipe Slope
EX ST #1	5.90	1022.17				1016.77	
EX ST #3	10.57	1007.58				997.51	
EX ST #4	9.82	1001.82	111	36" Concrete Pipe	992.50	997.51	2.70%
ST B-1	19.97	1020.47	68	30" Concrete Pipe	1014.10	1001.00	3.95%
ST B-1.1	6.75	1019.25	126	24" Concrete Pipe	1011.57	1013.00	1.13%
ST B-2	16.38	1007.93	399	36" Concrete Pipe	997.03	992.05	1.00%
ST B-2.1	13.06	1007.68	107	30" Concrete Pipe	994.05	992.05	1.00%
ST B-2.2	12.34	1007.97	101	30" Concrete Pipe	995.12	995.12	1.00%
ST B-3	17.37	1000.07	443	36" Concrete Pipe	987.62	983.20	1.00%
ST B-4	9.00	1004.00	157	30" Concrete Pipe	995.93	995.50	1.00%



DRAINAGE PLAN



NOTE: CONTRACTOR TO COORDINATE WITH TURF MANUFACTURER FOR SUBSURFACE FIELD DRAINAGE SYSTEM. CONTACT ENGINEER OF RECORD TO COORDINATE STORM SEWER CONNECTION. DO NOT CONNECT TO BYPASS LINE (ST B-).

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06-21-2017	RAC	DUNWOODY BUILDING PERMIT
07-27-2017	MDC	DUNWOODY LDP COMMENTS

MARK D. COOKE

City of
Dunwoody

Baseball Facilities
at Brook Run Park

CLIENT: 04/12/2017

CHECKED DATE: 04/12/2017

DESIGNED: MDC

DRAWN: BKJ

PROJECT NO.:

DRAWING TITLE: DRAINAGE PLAN

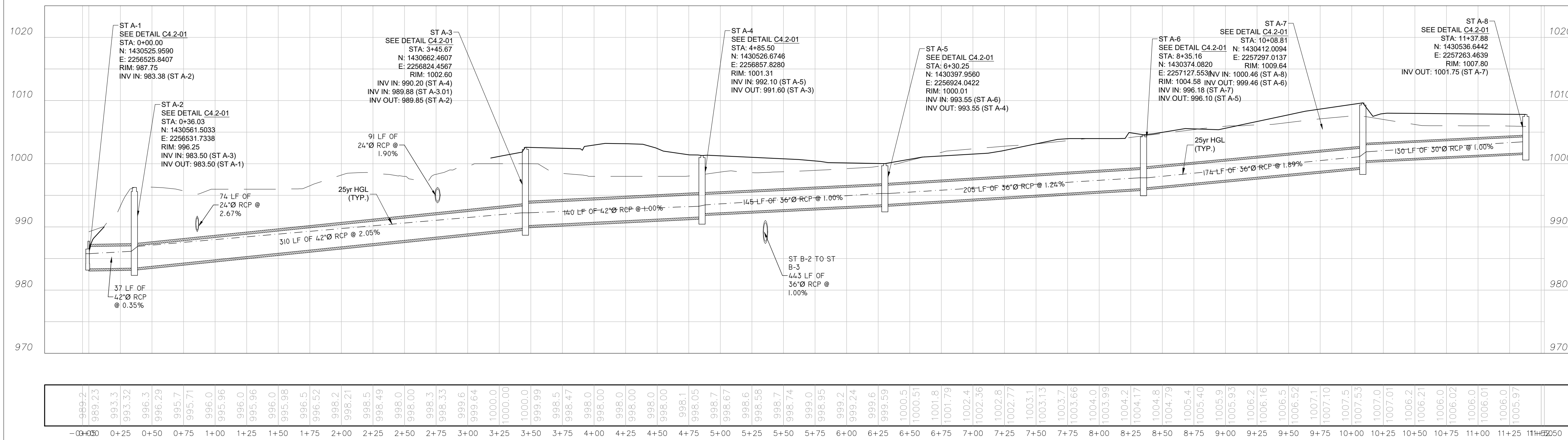
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SHEET OF: C-2.1

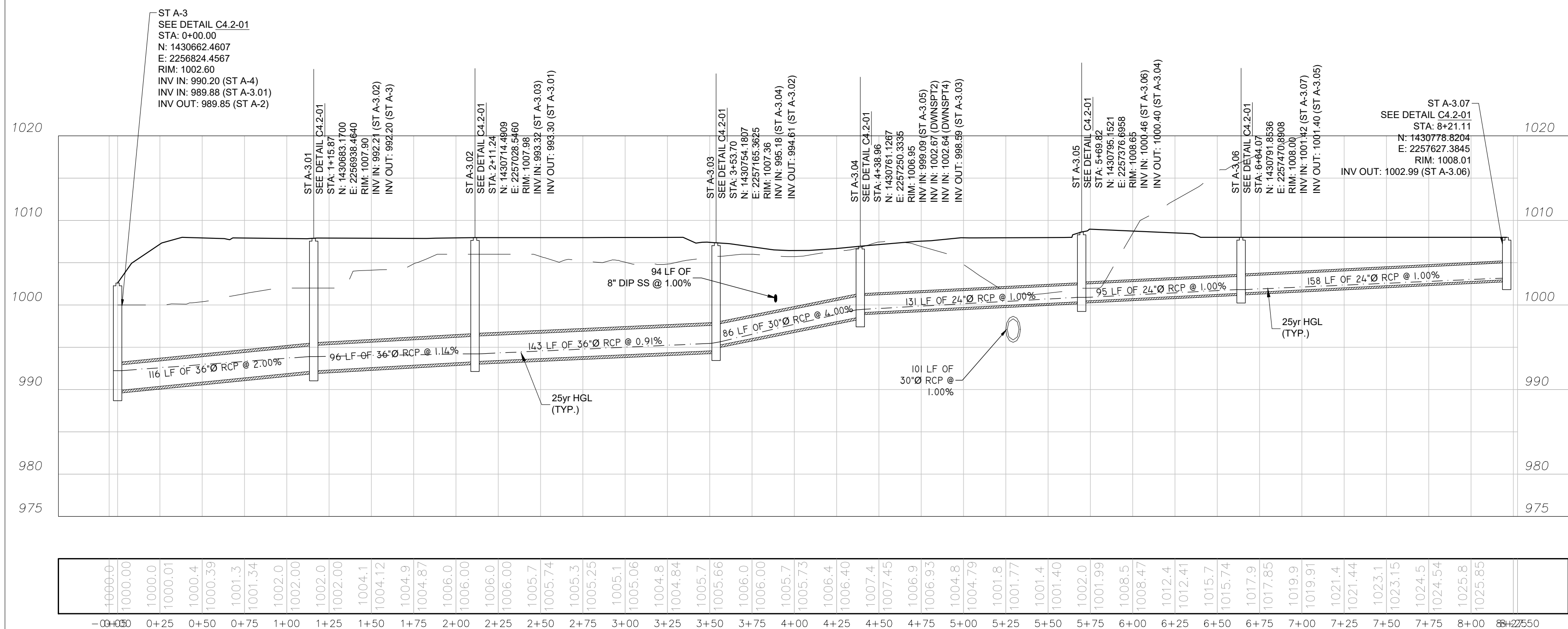
PROJECT: DRAINAGE PLAN

DRAWING NO.:

SHEET OF: C-2.1



STORM A1 TO A8
 SCALE (H): 1" = 1'
 SCALE (V): 1" = 5'

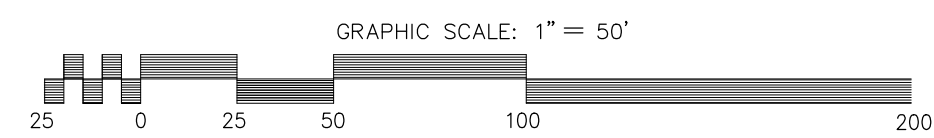


STORM A-3.01 TO A-3.07
 SCALE (H): 1" = 1'
 SCALE (V): 1" = 5'

Storm Sewer Tabulation														Page 1								
Station	Line	Len (ft)	Dmg Area (ac)	Rnoff Total (C)	Area x C		Tc		Rain (in/hr)	Total flow (cfs)	Cap full (cfs)	Vel (ft/s)	Pipe		Invert Elev		Grnd / Rim Elev		Line ID			
					Incr	Total	Inlet (min)	Syst (min)					Size (in)	Slope (%)	Dn (ft)	Up (ft)	Dn (ft)	Up (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

Project File: A_FINAL.stm
 Number of lines: 14
 Run Date: 8/2/2017
 NOTES: Intensity = 73.16 / (Inlet time + 13.10) ^ 0.75; Return period = Yrs. 25 ; Pipe travel time suppressed. ; c = cir e = ellip b = box

DRAINAGE PROFILES



Robert and Company
 Engineers, Architects, Planners
 229 Peachtree Street, N.E., Suite 2000
 Atlanta, Georgia 30309
 Tel: 404.577.4900 Fax: 404.577.7119

SKYLINE
 ENGINEERING & CONSTRUCTION
 P.888.706.0661 F.770.417.7530 www.skyline-ec.com

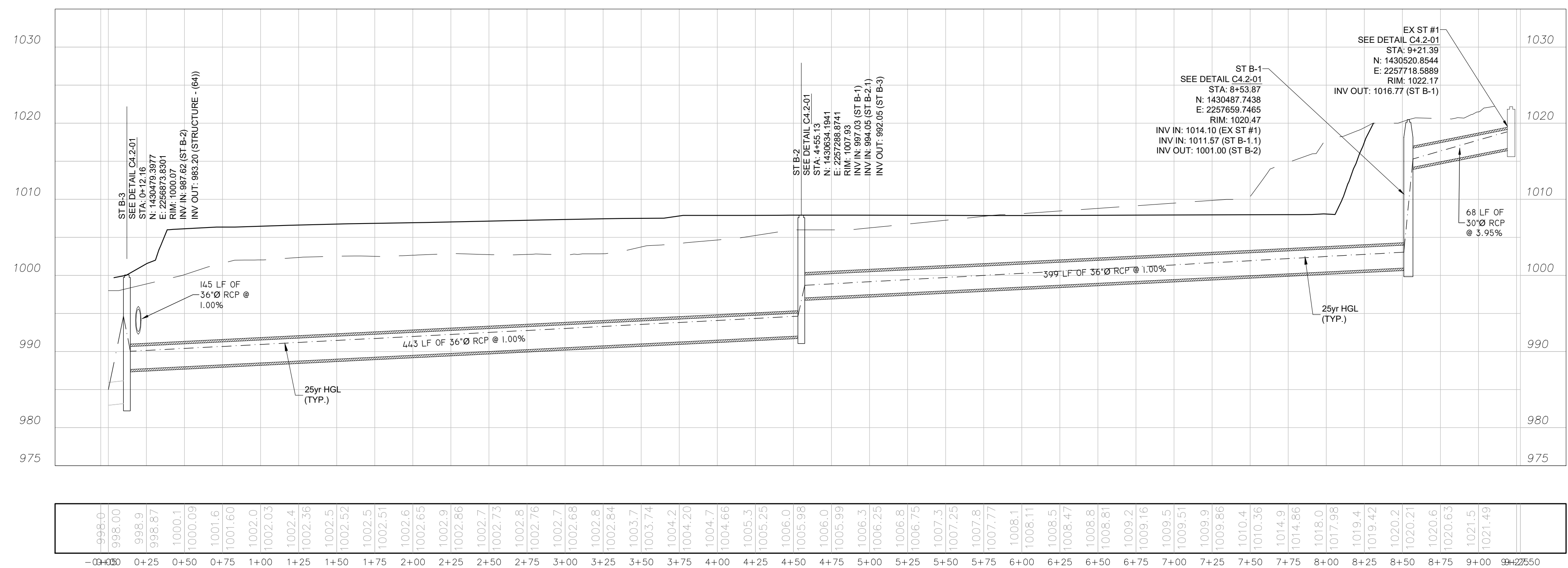
DESIGNED	MDC	DRAWN	BKJ	CHECKED	DATE	04/12/2017	SCALE	PROJECT	DRAINAGE PROFILES
PROJECT NO.		DRAWING TITLE		DRAINAGE PROFILES		SHEET		OF	
DRAWING NO.		C-2.2		SHEET		OF			

REVISION

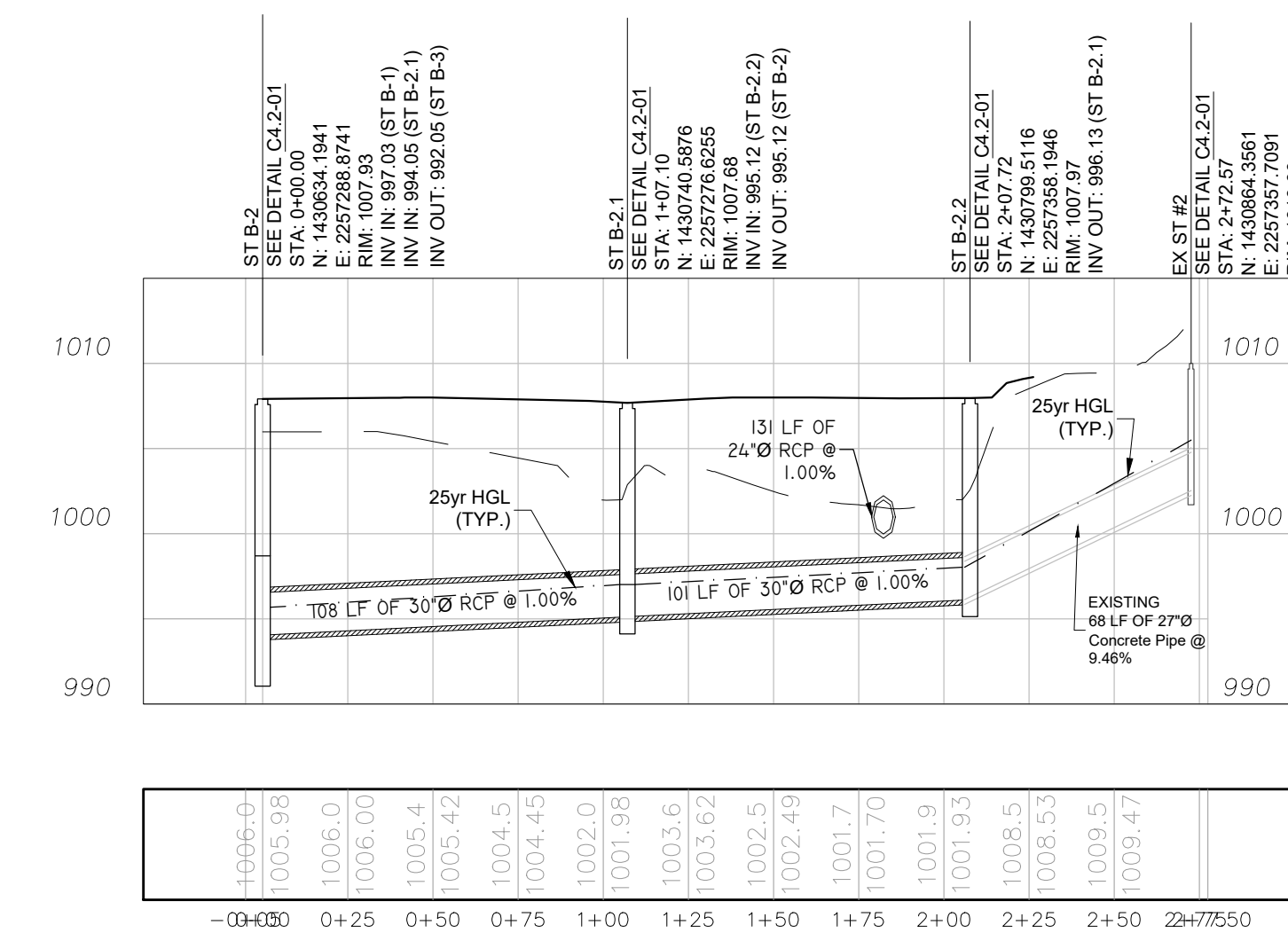
SYMBOL	DATE	BY	COMMENTS
04-13-2017	MDC		PRICING SET
04-26-2017	MDC		ADDENDUM #1
05-05-2017	MDC		ADDENDUM #3
05-11-2017	MDC		ADDENDUM #4
06-21-2017	RAC		DUNWOODY BUILDING PERMIT
07-27-2017	MDC		DUNWOODY LDP COMMENTS

City of Dunwoody
 Registered Professional Engineer
 No. 030386
 MARK D. COOKE

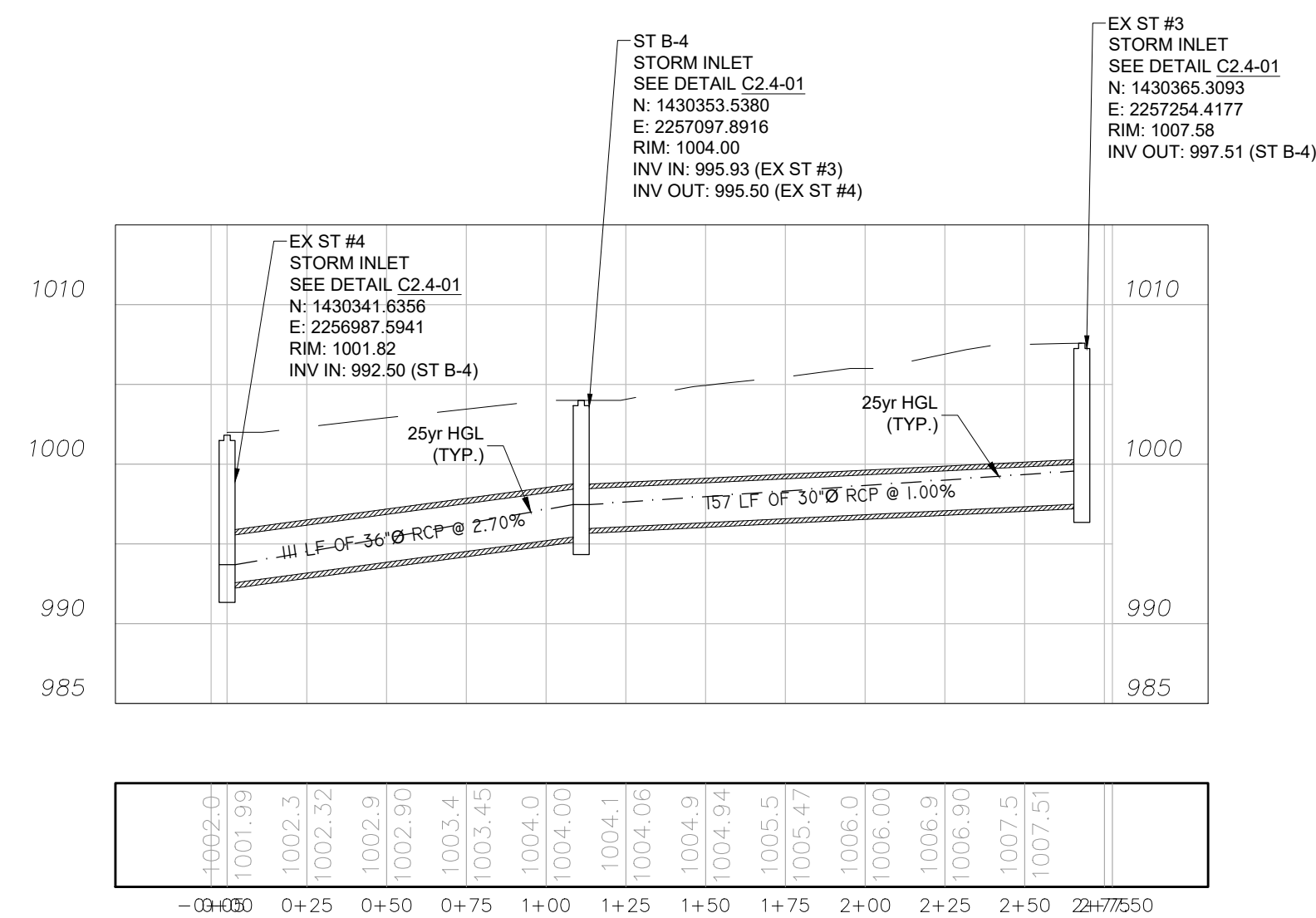
City of Dunwoody
 Baseball Facilities
 at Brook Run Park



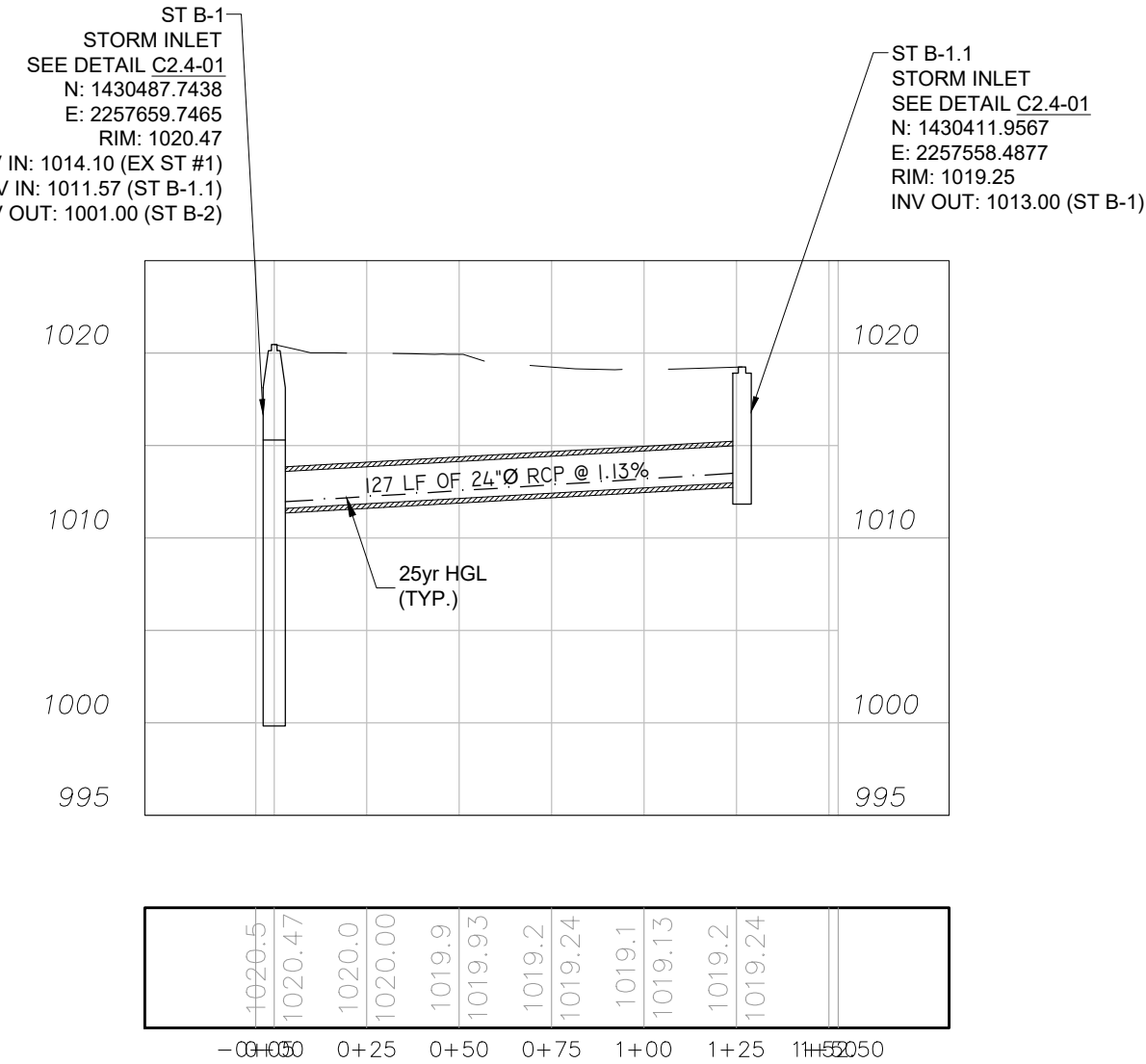
STORM B-1 TO B-3
SCALE (H): 1" = 1'
SCALE (V): 1" = 5'



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

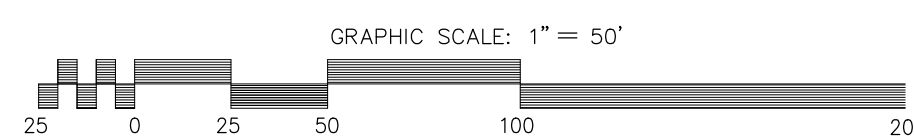


STORM EX#3 TO EX#4
SCALE (H): 1" = 1'
SCALE (V): 1" = 5'

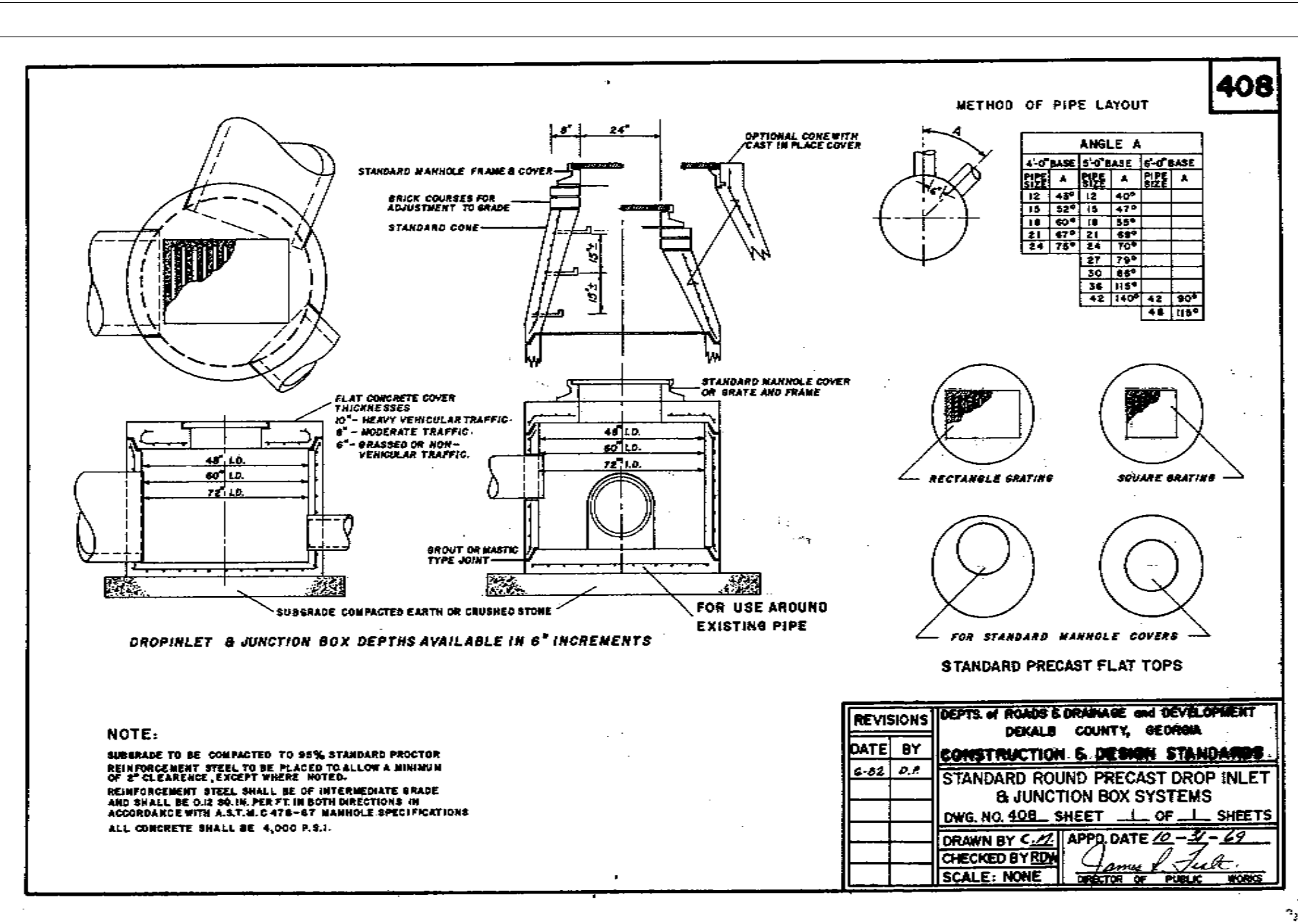


B-1 TO B-1.1
SCALE (H): 1" = 1'
SCALE (V): 1" = 5'

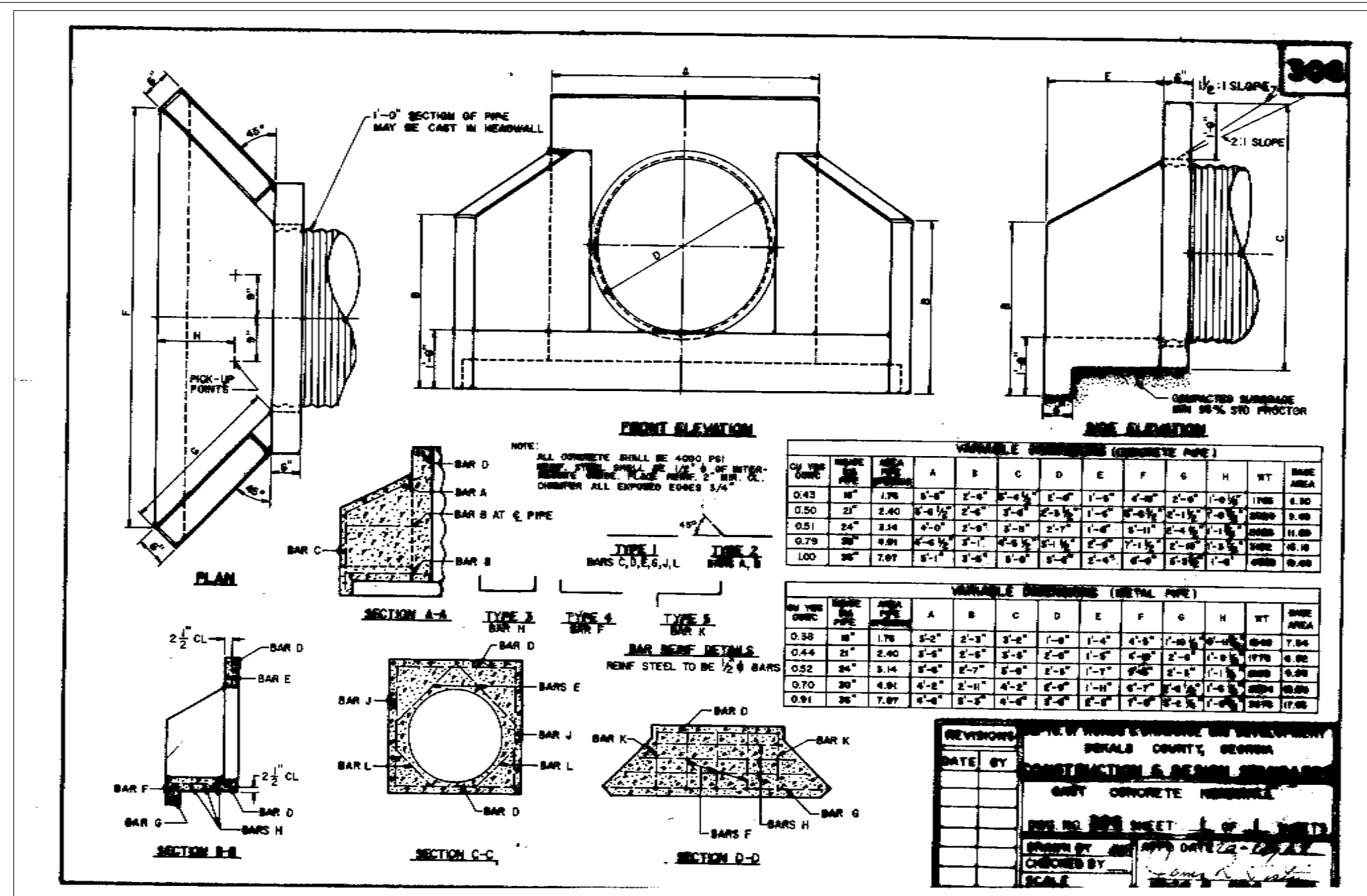
DRAINAGE PROFILES



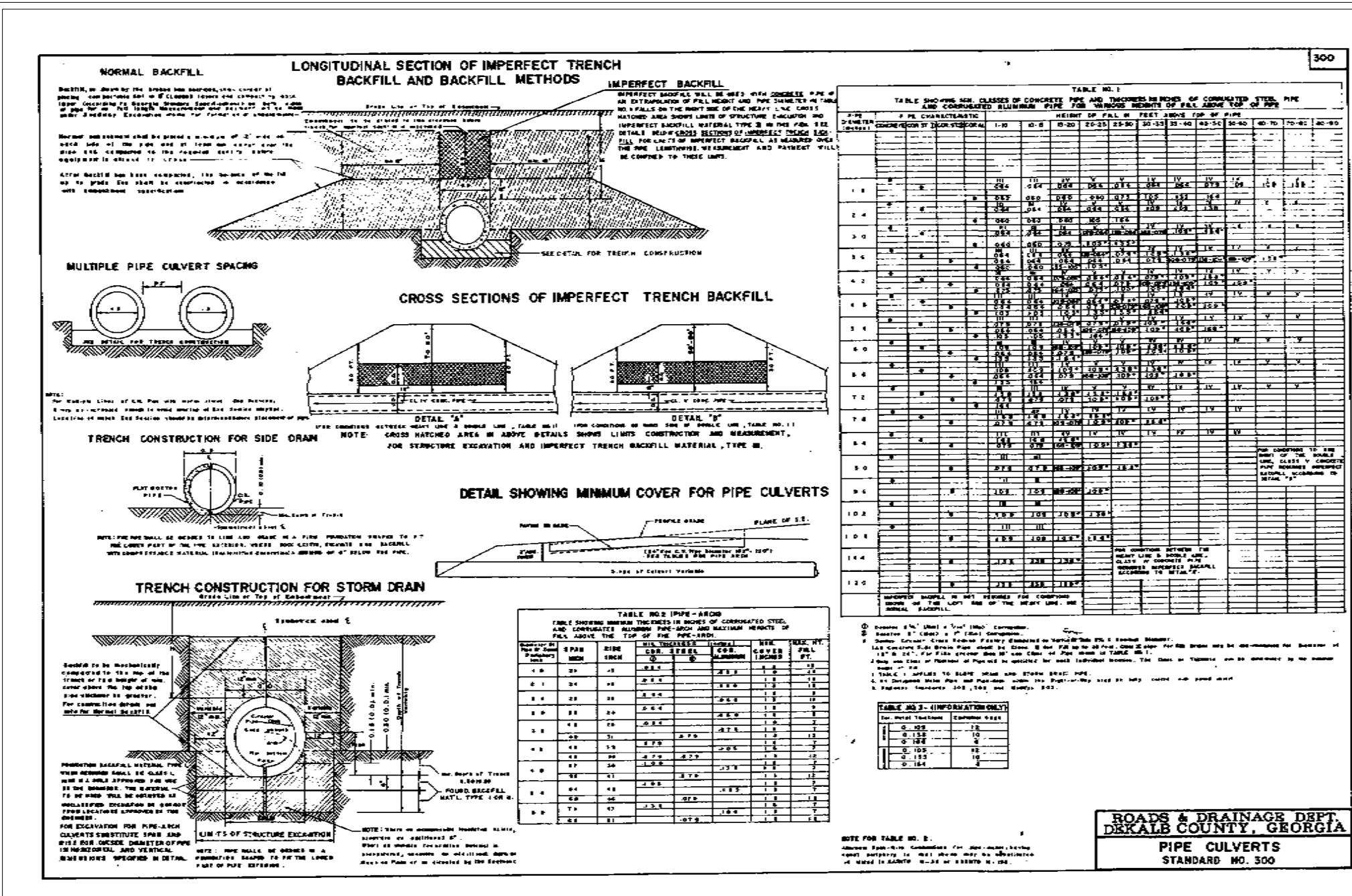
DESIGNED / DRAWN: MDC / BKJ PROJECT NO.: DRAWING TITLE: DRAINAGE PROFILES DRAWING NO.: C-2.3 SHEET: OF	CLIENT: City of Dunwoody PROJECT: Baseball Facilities at Brook Run Park CHECKED DATE: 04/12/2017 SCALE: DESIGNED: MDC DRAWN: BKJ PROJECT NO.: DRAWING TITLE: DRAINAGE PROFILES DRAWING NO.: C-2.3 SHEET: OF
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: 04-13-2017 BY: MDC SYMBOL: MDC COMMENTS: DUNWOODY LDP COMMENTS



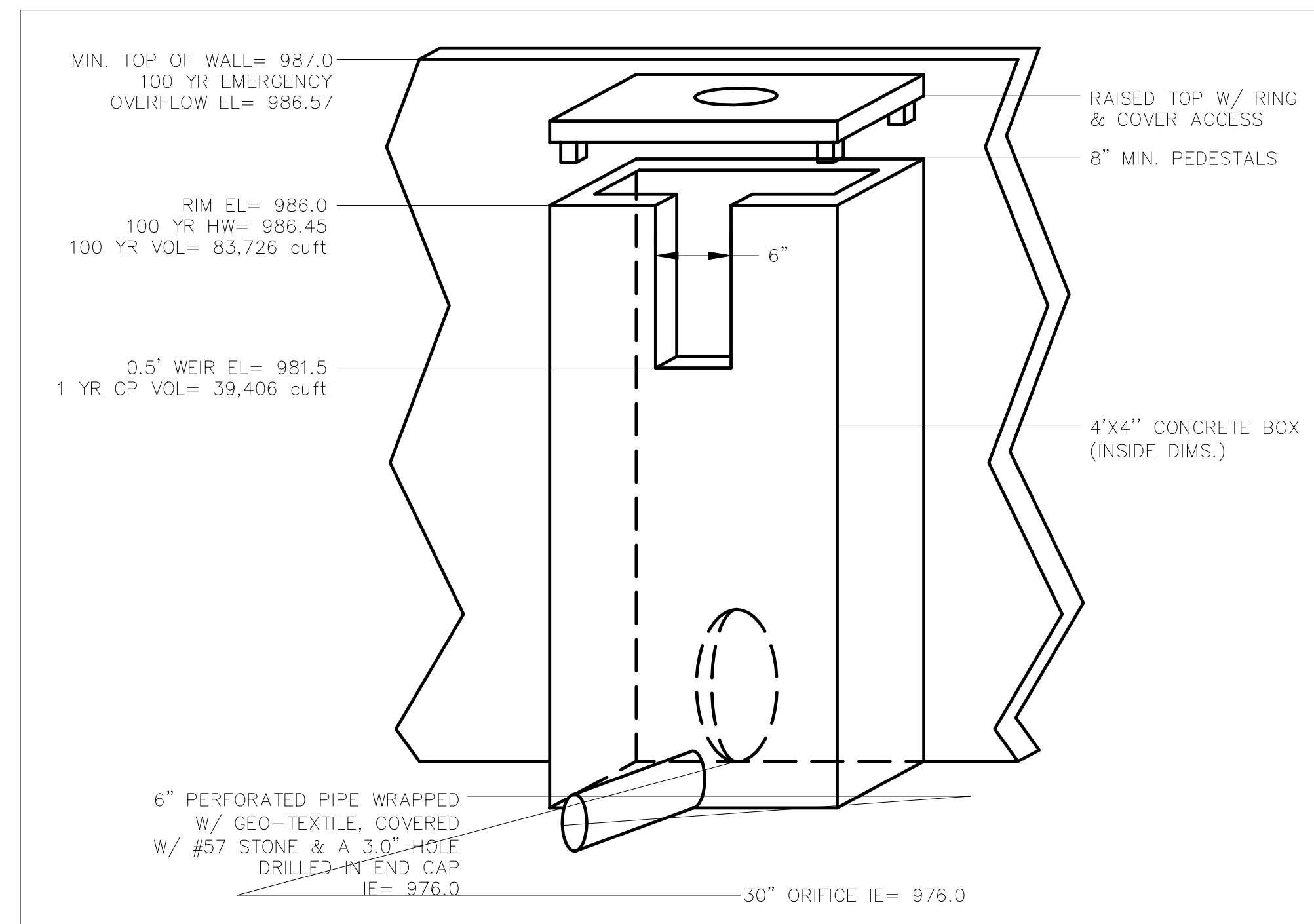
1 STD. PRECAST DROP INLET
C2.4 & JUNCTION BOX



2 CAST CONCRETE HEADWALL
C2.4



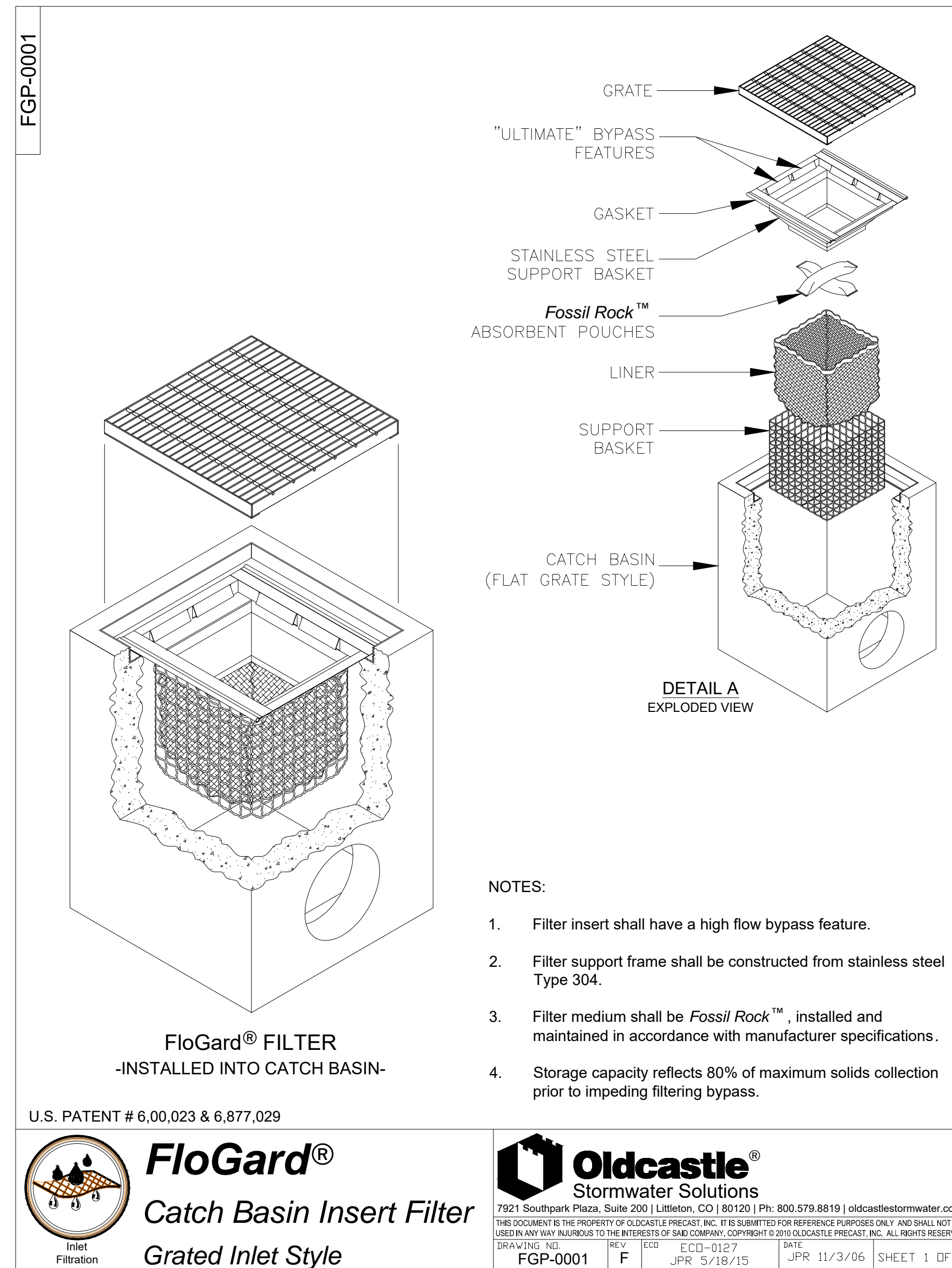
3 PIPE CULVERTS
C2.4



4 PROPOSED POND
C2.4 OUTLET CONTROL STRUCTURE



5 STORM DRAIN COVER
C2.4



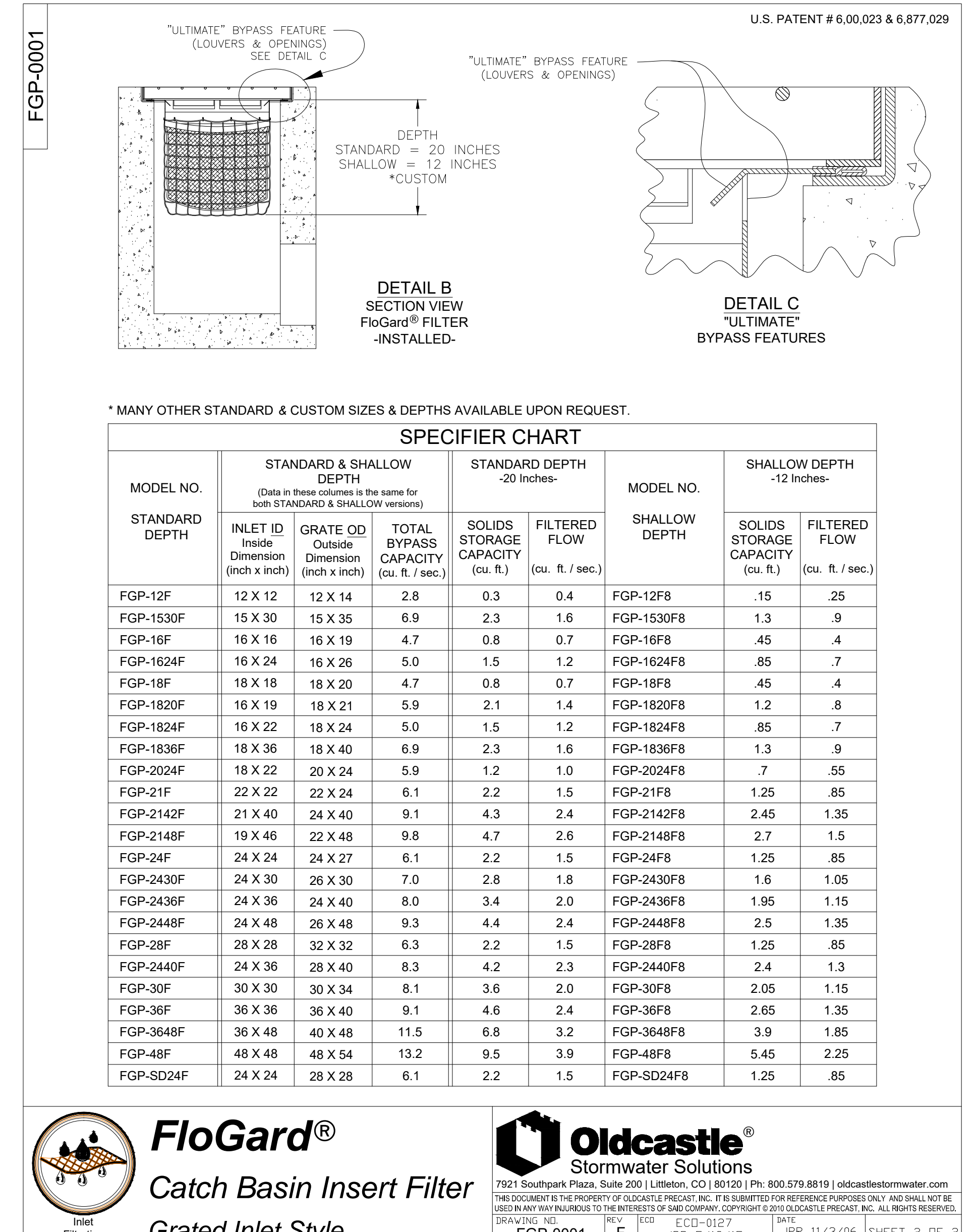
- NOTES:
- Filter insert shall have a high flow bypass feature.
 - Filter support frame shall be constructed from stainless steel Type 304.
 - Filter medium shall be *Fossil Rock*[™], installed and maintained in accordance with manufacturer specifications.
 - Storage capacity reflects 80% of maximum solids collection prior to impeding filtering bypass.

FloGard[®] FILTER
-INSTALLED INTO CATCH BASIN-

U.S. PATENT # 6,00,023 & 6,877,029

FloGard[®]
Catch Basin Insert Filter
Grated Inlet Style

Oldcastle[®]
Stormwater Solutions
7921 Southpark Plaza, Suite 200 | Littleton, CO | 80120 | Ph: 800.579.8819 | oldcastlestormwater.com
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DRAWING NO. FGP-0001 REV. ECD ECD-0127 DATE JPR 5/18/15 DATE JPR 11/3/06 SHEET 1 OF 2



* MANY OTHER STANDARD & CUSTOM SIZES & DEPTHS AVAILABLE UPON REQUEST.

MODEL NO.	STANDARD & SHALLOW DEPTH			STANDARD DEPTH			MODEL NO.	SHALLOW DEPTH	
	INLET ID	GRATE OD	TOTAL BYPASS	SOLIDS STORAGE	FILTERED FLOW	SHALLOW DEPTH		SOLIDS STORAGE	FILTERED FLOW
STANDARD DEPTH	Dimension (inch x inch)	Dimension (inch x inch)	CAPACITY (cu. ft. / sec.)	CAPACITY (cu. ft. / sec.)	(cu. ft. / sec.)	DEPTHS	CAPACITY (cu. ft. / sec.)	(cu. ft. / sec.)	
FGP-12F	12 X 12	12 X 14	2.8	0.3	0.4	FGP-12F8	.15	.25	
FGP-1530F	15 X 30	15 X 35	6.9	2.3	1.6	FGP-1530F8	1.3	.9	
FGP-16F	16 X 16	16 X 19	4.7	0.8	0.7	FGP-16F8	.45	.4	
FGP-1624F	16 X 24	16 X 26	5.0	1.5	1.2	FGP-1624F8	.85	.7	
FGP-18F	18 X 18	18 X 20	4.7	0.8	0.7	FGP-18F8	.45	.4	
FGP-1820F	18 X 19	18 X 21	5.9	2.1	1.4	FGP-1820F8	1.2	.8	
FGP-1824F	18 X 22	18 X 24	5.0	1.5	1.2	FGP-1824F8	.85	.7	
FGP-1836F	18 X 36	18 X 40	6.9	2.3	1.6	FGP-1836F8	1.3	.9	
FGP-2024F	20 X 22	20 X 24	5.9	1.2	1.0	FGP-2024F8	.7	.55	
FGP-21F	22 X 22	22 X 24	6.1	2.2	1.5	FGP-21F8	1.25	.85	
FGP-2142F	21 X 40	24 X 40	9.1	4.3	2.4	FGP-2142F8	2.45	1.35	
FGP-2148F	19 X 46	22 X 48	9.8	4.7	2.6	FGP-2148F8	2.7	1.5	
FGP-24F	24 X 24	24 X 27	6.1	2.2	1.5	FGP-24F8	1.25	.85	
FGP-2430F	24 X 30	26 X 30	7.0	2.8	1.8	FGP-2430F8	1.6	1.05	
FGP-2436F	24 X 36	24 X 40	8.0	3.4	2.0	FGP-2436F8	1.95	1.15	
FGP-2448F	24 X 48	26 X 48	9.3	4.4	2.4	FGP-2448F8	2.5	1.35	
FGP-28F	28 X 28	32 X 32	6.3	2.2	1.5	FGP-28F8	1.25	.85	
FGP-2440F	24 X 36	28 X 40	8.3	4.2	2.3	FGP-2440F8	2.4	1.3	
FGP-30F	30 X 30	30 X 34	8.1	3.6	2.0	FGP-30F8	2.05	1.15	
FGP-36F	36 X 36	36 X 40	9.1	4.6	2.4	FGP-36F8	2.65	1.35	
FGP-3648F	36 X 48	40 X 48	11.5	6.8	3.2	FGP-3648F8	3.9	1.85	
FGP-48F	48 X 48	48 X 54	13.2	9.5	3.9	FGP-48F8	5.45	2.25	
FGP-SD24F	24 X 24	28 X 28	6.1	2.2	1.5	FGP-SD24F8	1.25	.85	

FloGard[®]
Catch Basin Insert Filter
Grated Inlet Style

Oldcastle[®]
Stormwater Solutions
7921 Southpark Plaza, Suite 200 | Littleton, CO | 80120 | Ph: 800.579.8819 | oldcastlestormwater.com
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DRAWING NO. FGP-0001 REV. F ECD ECD-0127 DATE JPR 5/18/15 DATE JPR 11/3/06 SHEET 2 OF 2

6 CATCH BASIN
C2.4 WATER QUALITY FILTER
OR APPROVED EQUAL

Robert and Company
Civil Engineers & Architects, PLLC
229 Peachtree Street, N.E., Suite 2000
Atlanta, Georgia 30309
404.579.4600 FAX: 404.579.7179

SKYLINE
ENGINEERING & CONSTRUCTION
P. 888.706.0661 F. 770.417.7530 www.skyline-ec.com

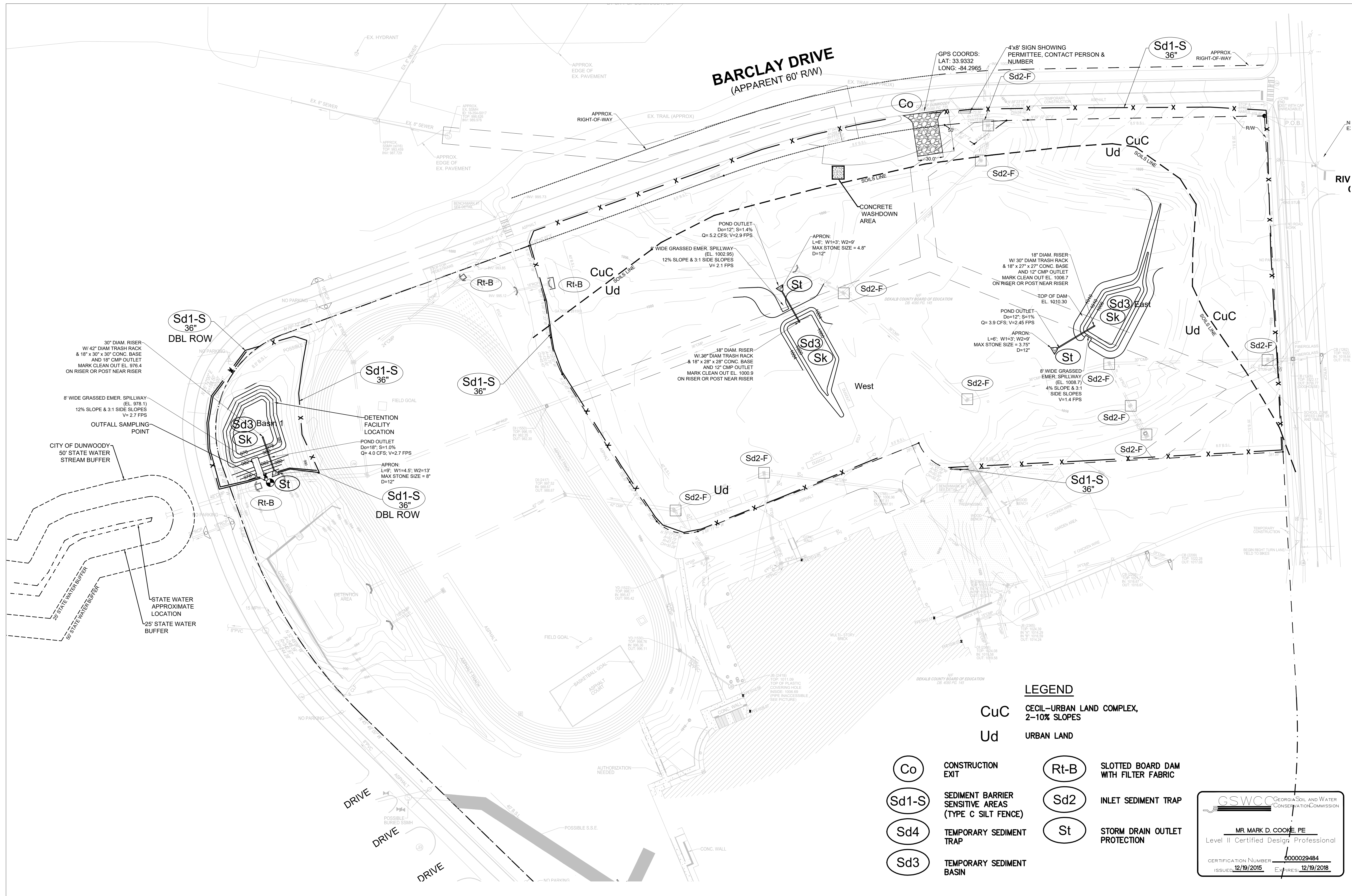
DATE	SYMBOL	DATE	BY	REVISION
04-13-2017	MDC	04-13-2017	MDC	PRICING SET
04-26-2017	MDC	05-05-2017	MDC	ADDENDUM #1
05-05-2017	MDC	05-11-2017	MDC	ADDENDUM #3
05-11-2017	MDC	06-21-2017	RAC	DUNWOODY BUILDING PERMIT
06-21-2017	MDC	07-27-2017	MDC	DUNWOODY LDP COMMENTS

City of Dunwoody
Baseball Facilities at Brook Run Park

GRADING & DRAINAGE DETAILS

DRAWING NO. C-2.4

SHEET OF



BARCLAY DRIVE
(APPARENT 60' R/W)

GPS COORDS:
LAT: 33.9332
LONG: -84.2965

4'x8' SIGN SHOWING
PERMITTEE, CONTACT PERSON &
NUMBER

Sd1-S
36"

APPROX
RIGHT-OF-WAY

30" DIAM. RISER
& 18" x 30" x 30" CONC. BASE
AND 18" CMP OUTLET
MARK CLEAN OUT EL. 976.4
ON RISER OR POST NEAR RISER

8' WIDE GRASSED EMER. SPILLWAY
(EL. 978.1)
12% SLOPE & 3:1 SIDE SLOPES
V=2.7 FPS
OUTFALL SAMPLING
POINT

CITY OF DUNWOODY
50' STATE WATER
STREAM BUFFER

25' STATE WATER BUFFER

STATE WATER
APPROXIMATE
LOCATION

25' STATE WATER
BUFFER

DETECTION
FACILITY
LOCATION

POND OUTLET
D=18", S=1.0%
Q=4.0 CFS, V=2.7 FPS

APRON:
L=9', W1=4.5', W2=13'
MAX STONE SIZE = 8"
D=12"

POND OUTLET
D=12", S=1.4%
Q=5.2 CFS, V=2.9 FPS

8' WIDE GRASSED EMER. SPILLWAY
(EL. 1002.95)
12% SLOPE & 3:1 SIDE SLOPES
V=2.1 FPS

APRON:
L=6', W1=3', W2=9'
MAX STONE SIZE = 4.8"
D=12"

POND OUTLET
D=12", S=1%
Q=3.9 CFS, V=2.45 FPS

APRON:
L=6', W1=3', W2=9'
MAX STONE SIZE = 3.75"
D=12"

8' WIDE GRASSED
EMER. SPILLWAY
(EL. 1008.7)
4% SLOPE & 3:1
SIDE SLOPES
V=1.4 FPS

LEGEND

CuC CECIL-URBAN LAND COMPLEX,
2-10% SLOPES

Ud URBAN LAND

Co CONSTRUCTION
EXIT

Sd1-S SEDIMENT BARRIER
SENSITIVE AREAS
(TYPE C SILT FENCE)

Sd4 TEMPORARY SEDIMENT
TRAP

Sd3 TEMPORARY SEDIMENT
BASIN

Rt-B SLOTTED BOARD DAM
WITH FILTER FABRIC

Sd2 INLET SEDIMENT TRAP

St STORM DRAIN OUTLET
PROTECTION

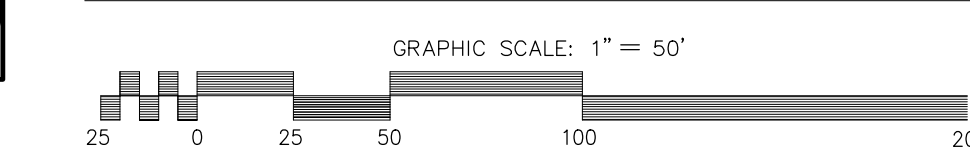
GSWCC GEORGIA SOIL AND WATER
CONSERVATION COMMISSION

MR. MARK D. COOKE, PE
Level II Certified Design Professional

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



EROSION CONTROL PLAN - PHASE I



Robert and Company
Engineers, Architects, Planners
229 Peachtree Street, N.E., Suite 2000
Atlanta, Georgia 30309
404.577.4920 FAX: 404.577.7119

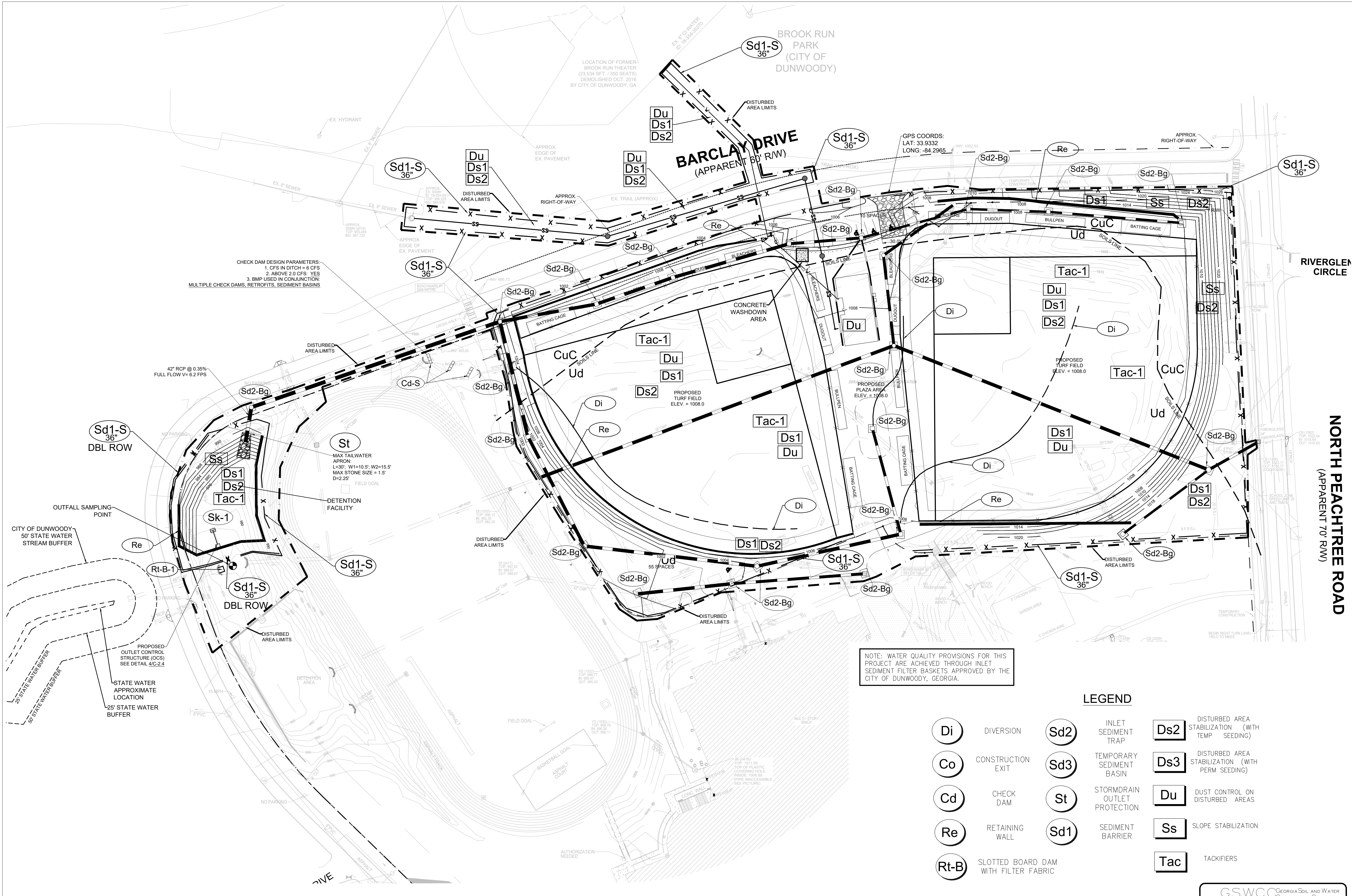
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ENGINEERING & CONSTRUCTION
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DATE	BY	REVISION
04-13-2017	MDC	PRICING SET
04-26-2017	MDC	ADDENDUM #1
05-02-2017	MDC	GSWCC EROSION CONTROL SUBMITTAL
07-20-2017	MDC	GSWCC COMMENTS REVISIONS
08-17-2017	MDC	GSWCC COMMENTS REVISIONS
08-25-2017	MDC	GSWCC COMMENTS REVISIONS

SEAL: GEORGIA REGISTERED PROFESSIONAL ENGINEER No. 030386 MARK D. COOKE

City of **Dunwoody**
Baseball Facilities
at Brook Run Park

CLIENT: City of Dunwoody
PROJECT: PHASE I EROSION CONTROL PLAN
DESIGNED: MDC
DRAWING NO.: C-3.0
CHECKED: BJK
DATE: 04/12/2017
SCALE:
ISSUED: 12/19/2015
EXPIRES: 12/19/2018



CHECK DAM DESIGN PARAMETERS:
 1. CFS IN DITCH = 6 CFS
 2. ABOVE 2.0 CFS: YES
 3. BMP USED IN CONJUNCTION:
 MULTIPLE CHECK DAMS, RETROFITS, SEDIMENT BASINS

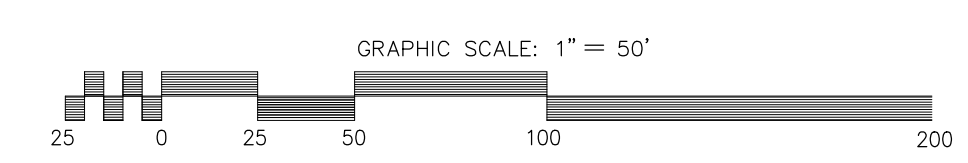
NOTE: WATER QUALITY PROVISIONS FOR THIS PROJECT ARE ACHIEVED THROUGH INLET SEDIMENT FILTER BASKETS APPROVED BY THE CITY OF DUNWOODY, GEORGIA.

LEGEND

- Di** DIVERSION
- Co** CONSTRUCTION EXIT
- Cd** CHECK DAM
- Re** RETAINING WALL
- Rt-B** SLOTTED BOARD DAM WITH FILTER FABRIC
- Sd2** INLET SEDIMENT TRAP
- Sd3** TEMPORARY SEDIMENT BASIN
- St** STORMDRAIN OUTLET PROTECTION
- Sd1** SEDIMENT BARRIER
- Ds2** DISTURBED AREA STABILIZATION (WITH TEMP SEEDING)
- Ds3** DISTURBED AREA STABILIZATION (WITH PERM SEEDING)
- Du** DUST CONTROL ON DISTURBED AREAS
- Ss** SLOPE STABILIZATION
- Tac** TACKIFIERS



EROSION CONTROL PLAN - PHASE II



GSWCC GEORGIA SOIL AND WATER CONSERVATION COMMISSION

MR. MARK D. COOKE, PE
 Level II Certified Design Professional

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

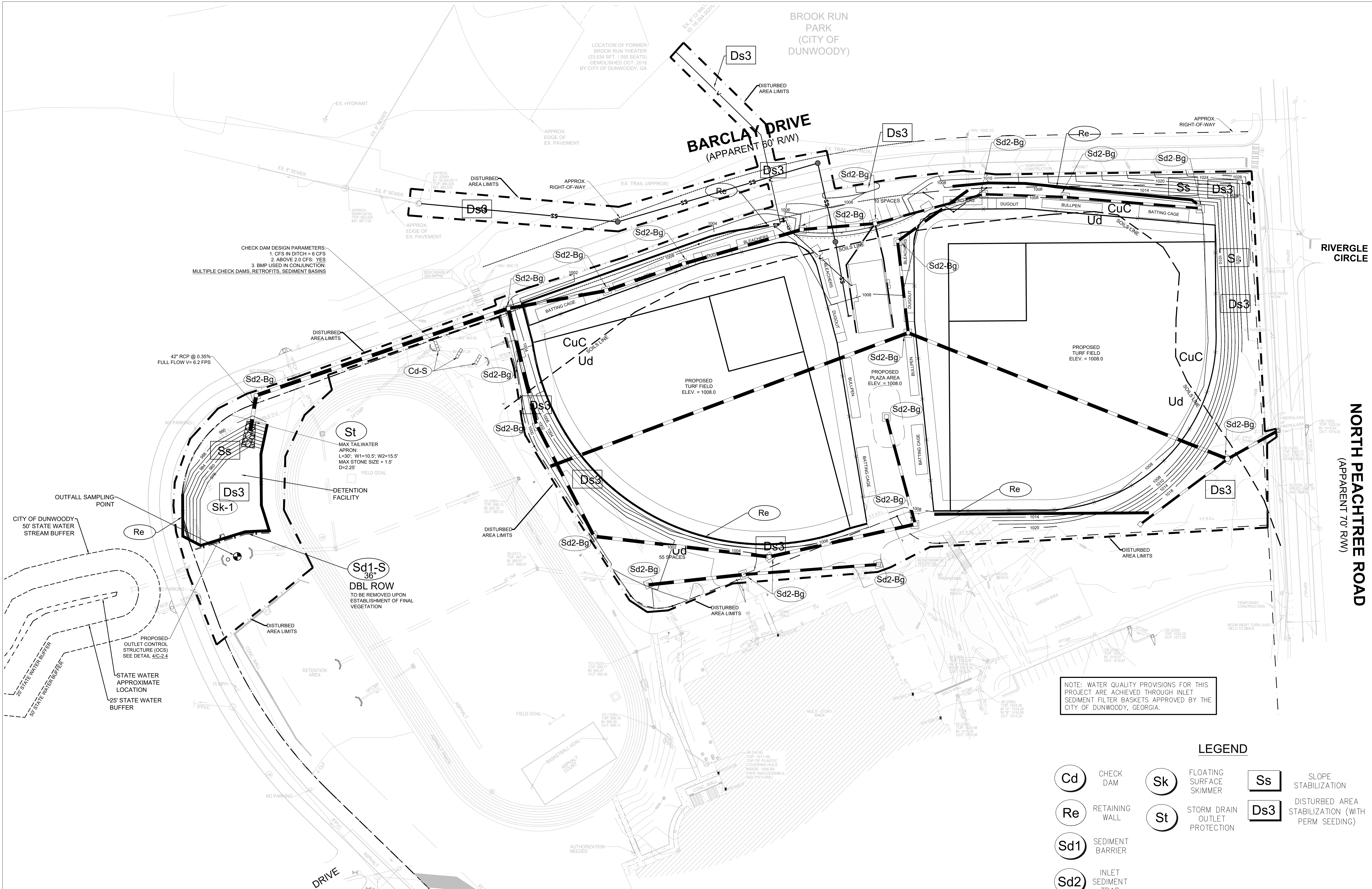
NORTH PEACHTREE ROAD
 (APPARENT 70' R/W)

DATE	BY	REVISION
04-13-2017	MDC	PRICING SET
04-26-2017	MDC	ADDENDUM #1
05-02-2017	MDC	GSWCC EROSION CONTROL SUBMITTAL
07-20-2017	MDC	GSWCC COMMENTS REVISIONS
08-17-2017	MDC	GSWCC COMMENTS REVISIONS
08-25-2017	MDC	GSWCC COMMENTS REVISIONS



City of Dunwoody
 Baseball Facilities
 at Brook Run Park

DESIGNED / DRAWN: MDC / BJK	CHECKED / DATE: 04/12/2017	SCALE:
PROJECT NO.:	DRAWING TITLE: PHASE II EROSION CONTROL PLAN	DRAWING NO.:
SHEET		OF
C-3.1		



CHECK DAM DESIGN PARAMETERS:
 1. CFS IN DITCH = 6 CFS
 2. ABOVE 2.0 CFS: YES
 3. BMP USED IN CONJUNCTION:
 MULTIPLE CHECK DAMS, RETROFITS, SEDIMENT BASINS

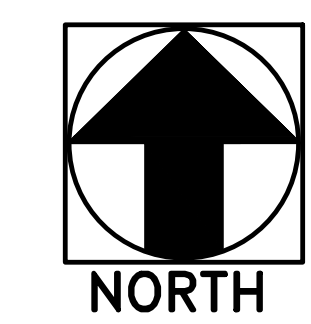
St
 MAX TAILWATER APRON:
 L=30'; W1=10.5'; W2=15.5'
 MAX STONE SIZE = 1.5'
 D=2.25'

Sd1-S
 36"
 DBL ROW
 TO BE REMOVED UPON
 ESTABLISHMENT OF FINAL
 VEGETATION

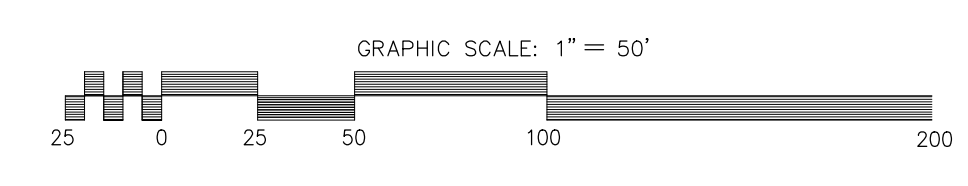
NOTE: WATER QUALITY PROVISIONS FOR THIS PROJECT ARE ACHIEVED THROUGH INLET SEDIMENT FILTER BASKETS APPROVED BY THE CITY OF DUNWOODY, GEORGIA.

LEGEND

- Cd** CHECK DAM
- Re** RETAINING WALL
- Sd1** SEDIMENT BARRIER
- Sd2** INLET SEDIMENT TRAP
- Sk** FLOATING SURFACE SKIMMER
- St** STORM DRAIN OUTLET PROTECTION
- Ss** SLOPE STABILIZATION
- Ds3** DISTURBED AREA STABILIZATION (WITH PERM SEEDING)



EROSION CONTROL PLAN - PHASE III



GSWCC GEORGIA SOIL AND WATER CONSERVATION COMMISSION

MR. MARK D. COOKE, PE
 Level II Certified Design Professional

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

NORTH PEACHTREE ROAD
 (APPARENT 70' R/W)

Robert and Company
 Engineers, Architects, Planners
 229 Peachtree Street, N.E., Suite 2000
 Atlanta, Georgia 30309
 404.577.4600 FAX: 404.577.7119

SKYLINE
 ENGINEERING & CONSTRUCTION
 P. 888.706.0661 F. 770.217.7530 www.skyline-ec.com

DATE	BY	REVISION
04-13-2017	MDC	PRICING SET
04-26-2017	MDC	ADDENDUM #1
05-02-2017	MDC	GSWCC EROSION CONTROL SUBMITTAL
07-20-2017	MDC	GSWCC COMMENTS REVISIONS
08-17-2017	MDC	GSWCC COMMENTS REVISIONS
08-25-2017	MDC	GSWCC COMMENTS REVISIONS

City of Dunwoody

Baseball Facilities
 at Brook Run Park

PHASE III
EROSION CONTROL PLAN

DESIGNED: MDC
 DRAWN: BKJ
 PROJECT NO.:
 DRAWING NO.: **C-3.2**
 SHEET OF

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)

I. GENERAL NOTES:

1. 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:

1. 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 ESPCP 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 TARPULIN.
- 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.

Rt-B Calculations

1. Required stormwater storage = 155 cy
2. Required sediment storage = 610 cy
(67 cy/ac * 9.1 ac disturbed area)
3. Total required storage = $155 + 610 = 765$ cy
4. Available storage = 824 cy
5. Is the available storage (4) greater than the total required storage (3)?
(x yes _ no)
6. 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 _
7. Clean-out elevation = 4.4 ft
(Elevation corresponding to 22 cy/ac * 9.1 ac disturbed area)
8. Is the length-width ratio 2:1 or greater?
(_ yes x no)
9. If "no", the length of flow must be increased. Choose the method to be used:
 x Baffles (Type of baffle: SILT FENCE)
 _ Other _

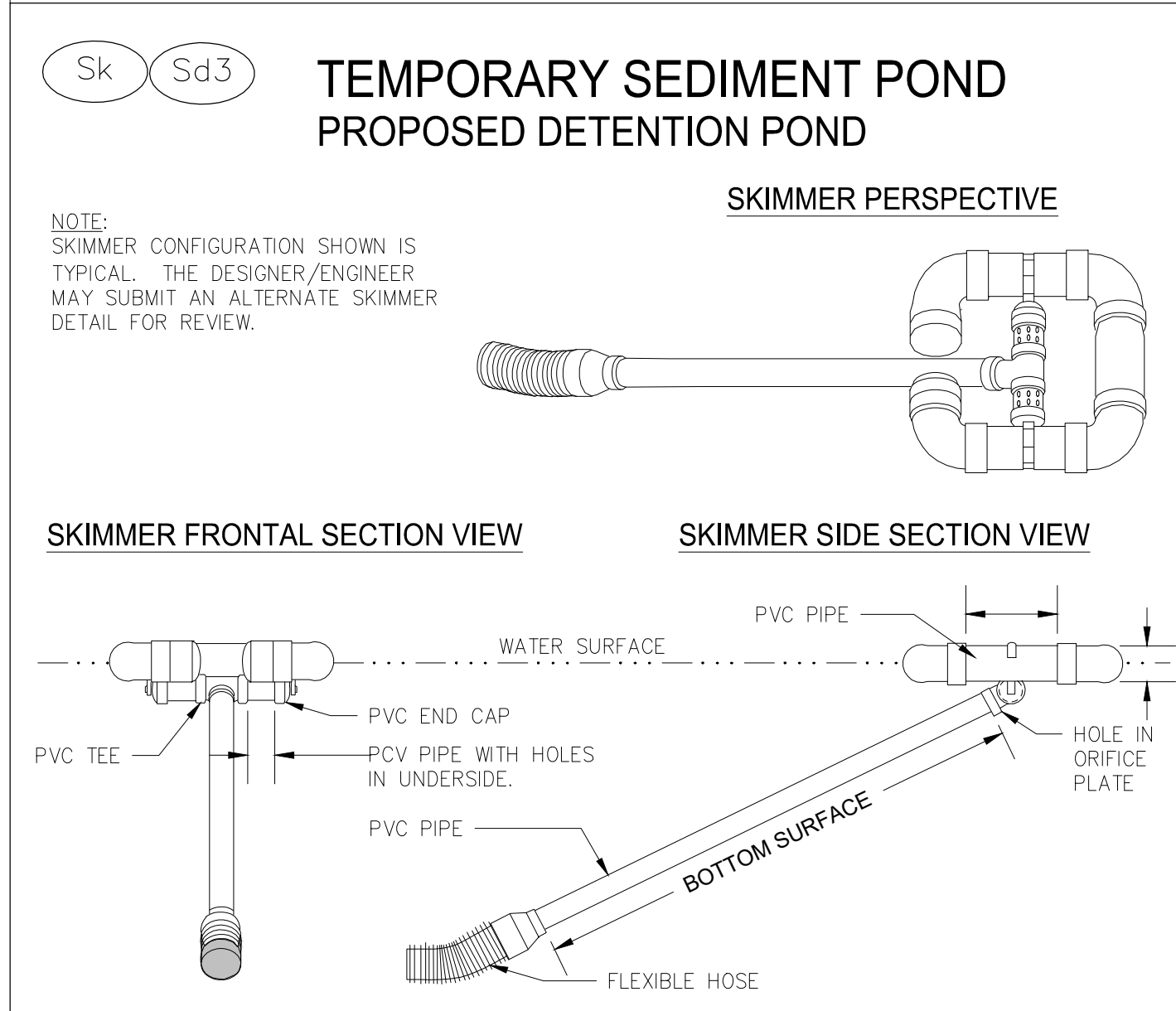
Note the CMP diameter and height if a half-round CMP retrofit is to be used.
 Diameter n/a inches Height = n/a feet

NOTE: SLOTTED BOARD DRAIN TYPE. RETROFIT TO BE USED.

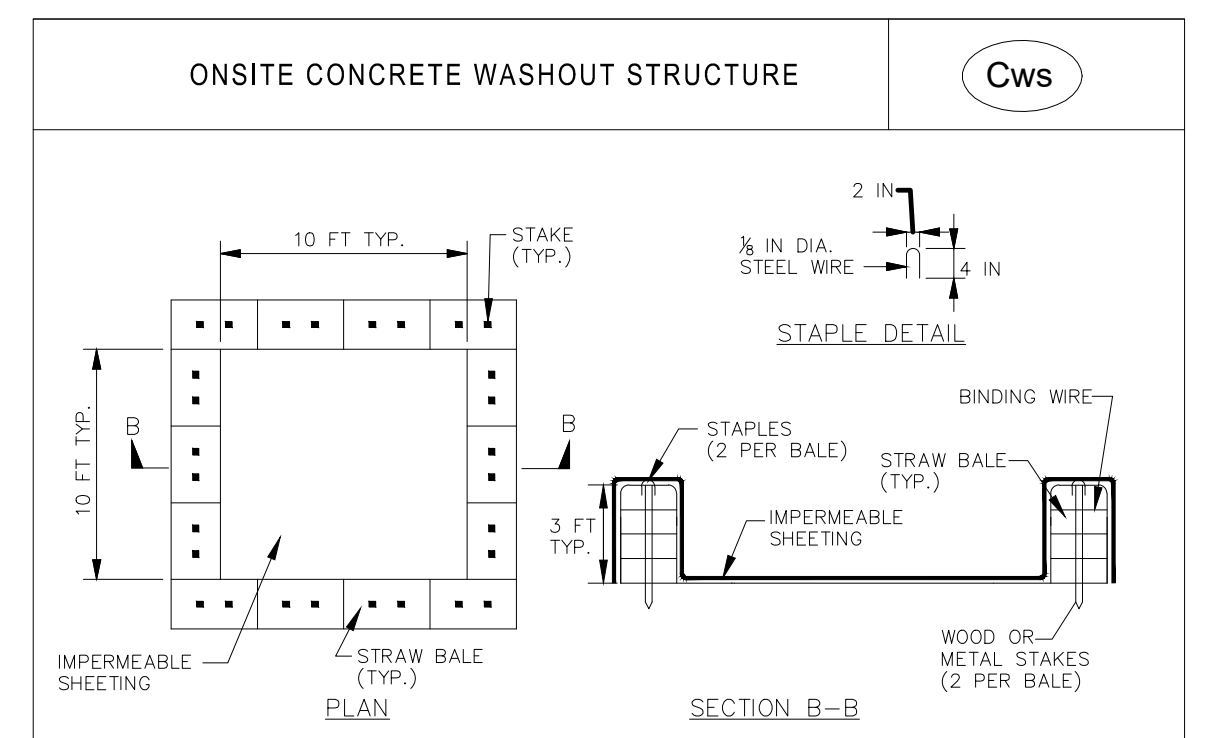


The City of Dunwoody does not warrant the accuracy or currency of the map provided and does not guarantee the suitability of the map for any purpose, expressed or implied.

OVERALL DRAINAGE BASIN



SKIMMER SIZING (Sk-1)
 1. POND, TRAP OR BASIN SIZE, LENGTH * (TOP AND BOTTOM) WIDTH * (TOP AND BOTTOM) AND DEPTH AT TOTAL SEDIMENT STORAGE ELEVATION = $L_{avg} = 160$ ft; $W_{avg} = 70'$; $D = 5.5'$; TOTAL STORAGE = 1460 cyd; REQ'D SEDIMENT VOL = 610 cyd; DEPTH AT SED VOL = $2.2'$
 REQ'D CLEANOUT DEPTH = $0.8'$
 2. TIME TO DRAIN (HRS) = 48 HOURS
 3. SKIMMER DIMENSIONS (ORIFICE AND HEADSIZE) = $3.0''$ SKIMMER / $2.8''$ ORIFICE
 4. MANUFACTURER'S NAME: J.W. Faircloth & Son, Inc.



WASHOUT STRUCTURE WITH STRAW BALES

- CONSTRUCTION SPECIFICATIONS**
1. LOCATE WASHOUT STRUCTURE A MINIMUM OF 50 FEET AWAY FROM OPEN CHANNELS, STORM DRAIN INLETS, SENSITIVE AREAS, WETLANDS, BUFFERS AND WATER COURSES AND AWAY FROM CONSTRUCTION TRAFFIC.
 2. SIZE WASHOUT STRUCTURE FOR VOLUME NECESSARY TO CONTAIN WASH WATER AND SOLIDS AND MAINTAIN AT LEAST 4 INCHES OF FREEBOARD. TYPICAL DIMENSIONS ARE 10 FEET X 10 FEET X 3 FEET DEEP.
 3. PREPARE SOIL BASE FREE OF ROCKS OR OTHER DEBRIS THAT MAY CAUSE TEARS OR HOLES IN THE LINER. FOR LINER, USE 10 MIL OR THICKER LIV RESISTANT, IMPERMEABLE SHEETING, FREE OF HOLES AND TEARS OR OTHER DEFECTS THAT COMPROMISE IMPERMEABILITY OF THE MATERIAL.
 4. PROVIDE A SIGN FOR THE WASHOUT IN CLOSE PROXIMITY TO THE FACILITY.
 5. KEEP CONCRETE WASHOUT STRUCTURE WATER TIGHT. REPLACE IMPERMEABLE LINER IF DAMAGED (E.G., RIPPED OR PUNCTURED). EMPTY OR REPLACE WASHOUT STRUCTURE THAT IS 75 PERCENT FULL, AND DISPOSE OF ACCUMULATED MATERIAL PROPERLY. DO NOT REUSE PLASTIC LINER. WET-VACUUM STORED LIQUIDS THAT HAVE NOT EVAPORATED AND DISPOSE OF IN AN APPROVED MANNER. PRIOR TO FORECASTED RAINSTORMS, REMOVE LIQUIDS OR COVER STRUCTURE TO PREVENT OVERFLOWS. REMOVE HARDENED SOLIDS, WHOLE OR BROKEN UP, FOR DISPOSAL OR RECYCLING. MAINTAIN RUNOFF DIVERSION AROUND EXCAVATED WASHOUT STRUCTURE UNTIL STRUCTURE IS REMOVED.

EROSION NOTES & DETAILS

DATE	BY	REVISION
04-13-2017	MDC	PRICING SET
04-26-2017	MDC	APPENDUM #1
05-02-2017	MDC	GSWCC EROSION CONTROL SUBMITTAL
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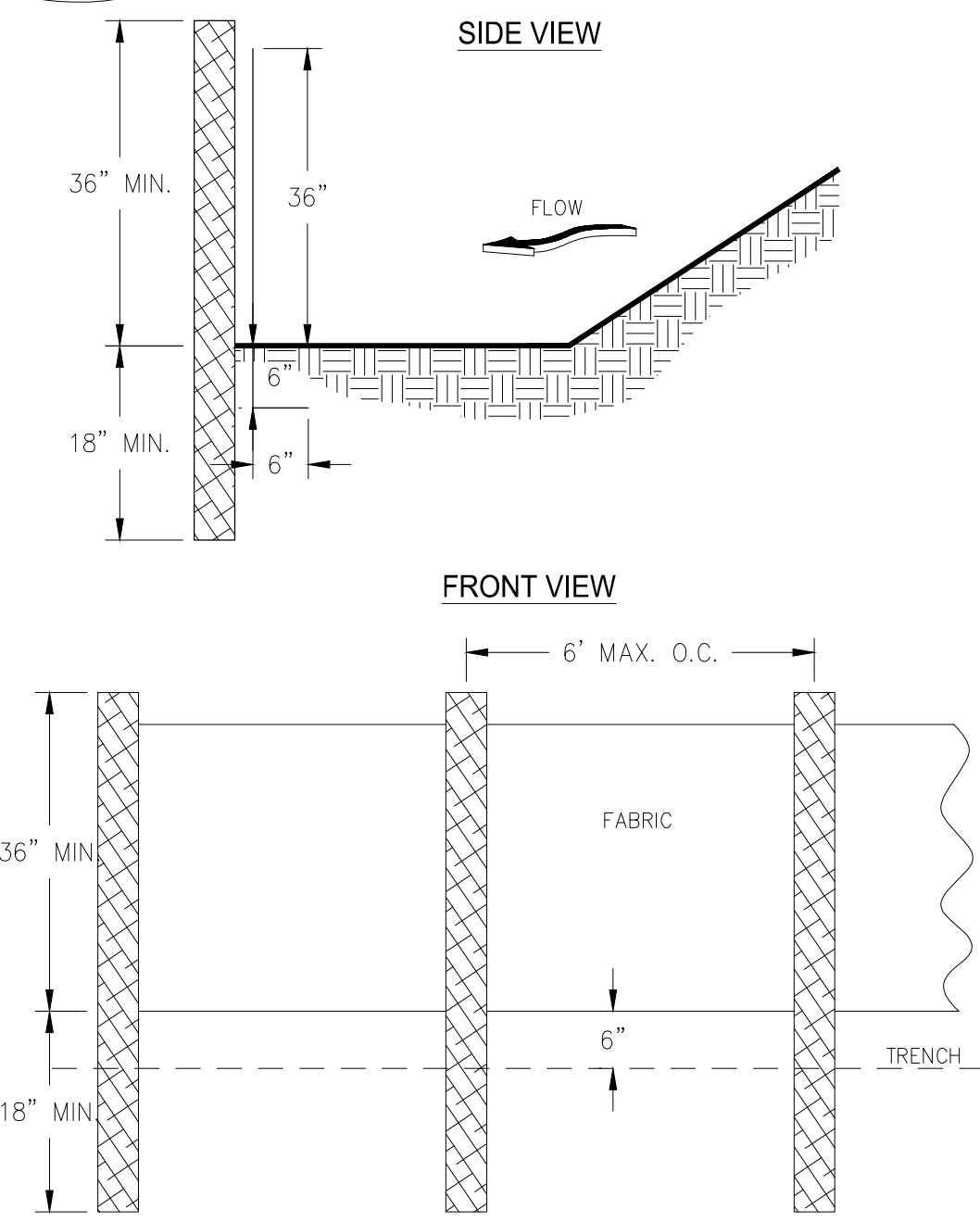
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City of Dunwoody
 Baseball Facilities
 at Brook Run Park

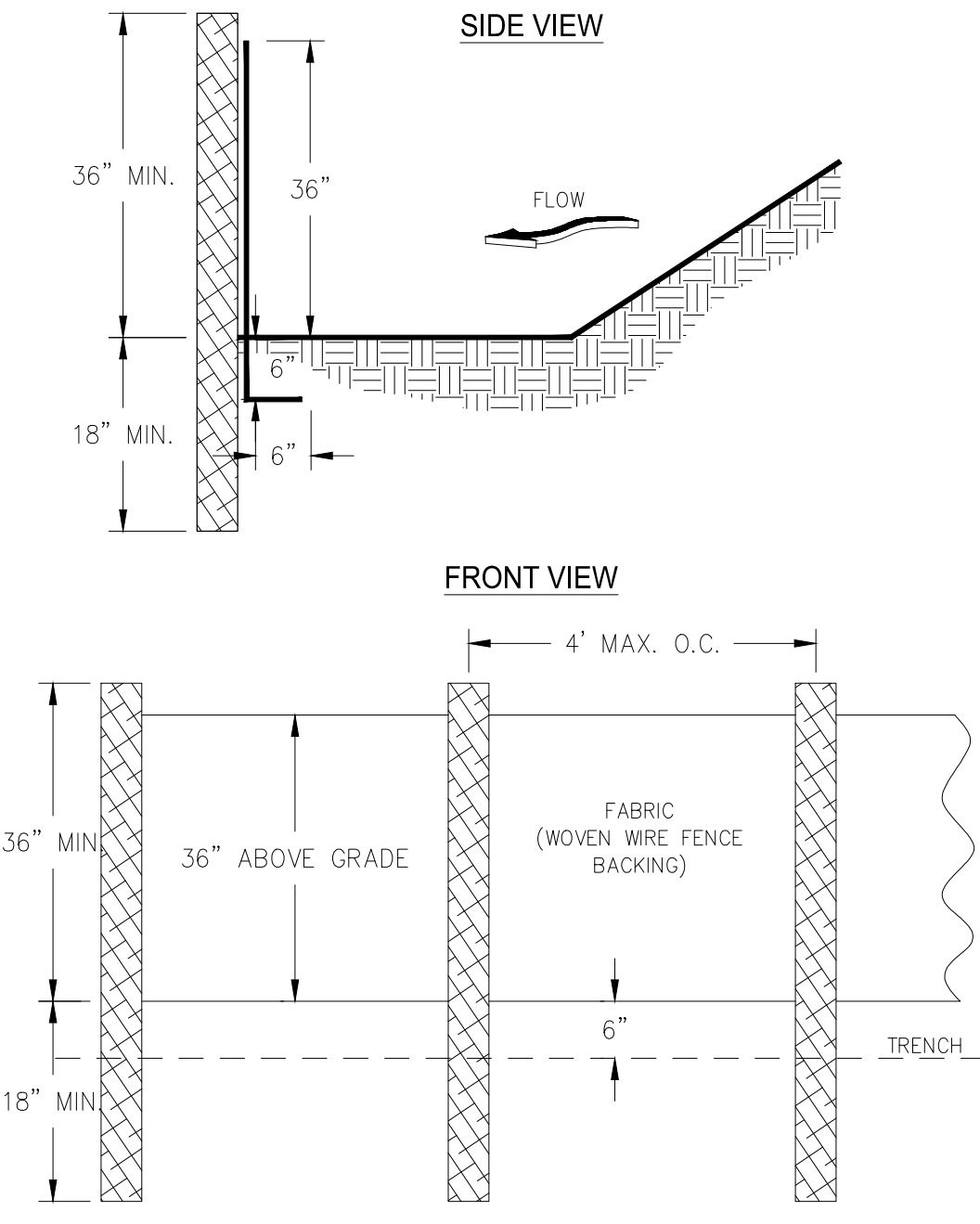
DESIGNED BY MDC	CHECKED DATE 04/12/2017	SCALE	CLIENT
DRAWING TITLE EROSION CONTROL NOTES & DETAILS	PROJECT NO.		PROJECT
DRAWING NO. C-3.4			
SHEET			OF

Sd1-NS SILT FENCE - TYPE NON-SENSITIVE



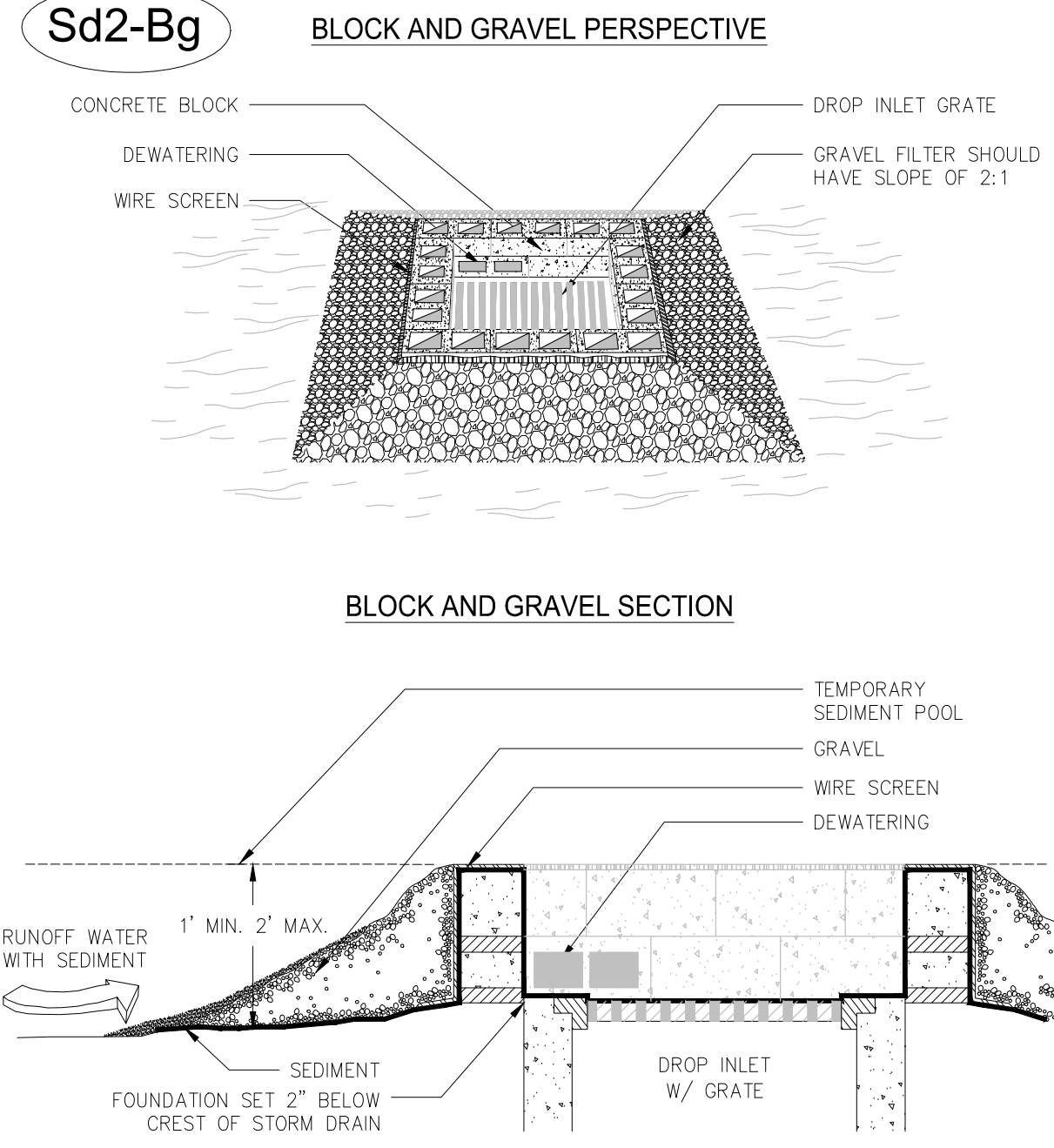
- NOTES:**
1. USE STEEL OR WOOD POSTS OR AS SPECIFIED BY THE EROSION, SEDIMENTATION, AND POLLUTION CONTROL PLAN.
 2. HEIGHT (*) IS TO BE SHOWN ON THE EROSION, SEDIMENTATION, AND POLLUTION CONTROL PLAN.

Sd1-S SILT FENCE - TYPE SENSITIVE



- NOTES:**
1. USE STEEL OR WOOD POSTS OR AS SPECIFIED BY THE EROSION, SEDIMENTATION, AND POLLUTION CONTROL PLAN.
 2. HEIGHT (*) IS TO BE SHOWN ON THE EROSION, SEDIMENTATION, AND POLLUTION CONTROL PLAN.

BLOCK AND GRAVEL DROP INLET PROTECTION



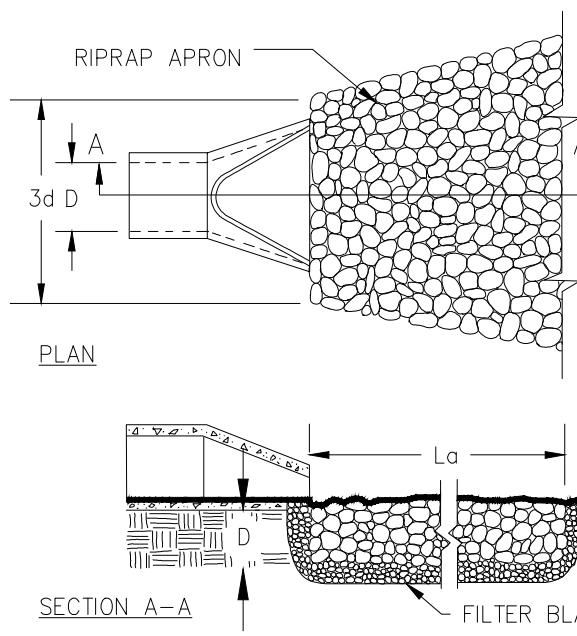
- NOTE:**
1. HARDWARE CLOTH OR COMPARABLE WIRE MESH WITH 1/2 INCH OPENINGS SHALL BE FITTED OVER ALL BLOCK OPENINGS TO HOLD GRAVEL IN PLACE.
 2. THE FOUNDATION SHOULD BE EXCAVATED AT LEAST 2 INCHES BELOW THE CREST OF THE STORM DRAIN. THE FIRST ROW OF BLOCKS WILL BE PLACED HERE FOR LATERAL SUPPORT.
 3. ONE BLOCK (AS SHOWN) IS TO BE PLACED ON EACH SIDE OF THE STRUCTURE ON ITS SIDE IN THE BOTTOM ROW TO ALLOW FOR POOL DRAINAGE.

GEORGIA UNIFORM CODING SYSTEM
FOR SOIL EROSION AND SEDIMENT CONTROL PRACTICES
GEORGIA SOIL AND WATER CONSERVATION COMMISSION

STRUCTURAL PRACTICES				STRUCTURAL PRACTICES					
CODE	PRACTICE	DETAIL	MAP SYMBOL	DESCRIPTION	CODE	PRACTICE	DETAIL	MAP SYMBOL	DESCRIPTION
Cd	DEBRIS			A small temporary barrier or dam constructed across a water drainage ditch or area of concentrated flow.	Sr	TEMPORARY STREAM CROSSING			A temporary bridge or culvert-type structure protecting a stream or watercourse from damage by crossing construction equipment.
Ch	CHANNEL STABILIZATION			Improving, constructing or stabilizing an open channel, existing stream, or ditch.	St	STORMWATER OUTLET PROTECTION			A paved or short section of riprap channel at the outlet of a storm drain system preventing erosion from the concentrated runoff.
Co	CONSTRUCTION EXIT			A crushed stone pad located on the construction site exit to provide a place for turning mud from tires thereby protecting public streets.	Su	SURFACE ROUNDING			A rough soil surface with horizontal depressions on a contour or slope left in a rougher condition after grading.
Cr	CONSTRUCTION ROAD STABILIZATION			A travertine constructed as part of a construction plan including access roads, subdivision roads, parking areas and other on-site vehicle transportation routes.	Tc	TURBIDITY CURTAIN			A floating or stacked barrier installed within the water (it may also be referred to as a floating boom, silt barrier, or silt curtain).
Dc	STREAM DIVERSION CHANNEL			A temporary channel constructed to convey flow around a construction site while a permanent structure is being constructed.	Tp	TOPSOILING			The practice of stripping off the more fertile topsoil layer and spreading it over the disturbed area after completion of construction activities.
Di	DIVERSION			An earth channel or dike located below, above or across a slope to divert runoff. This may be a temporary or permanent structure.	Tr	TREE PROTECTION			To protect desirable trees from injury during construction activities.
Dn1	TEMPORARY DRAINAGE STRUCTURE			A flexible conduit of heavy-duty fabric or other material designed to safely conduct surface runoff down a slope. This is temporary and inexpensive.	Wl	VEGETATED WATERWAY STABILIZATION OR CONVEYANCE CHANNEL			Paved or vegetative water outlets for diversions, terraces, bents, dikes or similar structures.
Dn2	PERMANENT DRAINAGE STRUCTURE			A paved chute, pipe, sectional conduit or similar material designed to safely conduct surface runoff down a slope.	VEGETATIVE PRACTICES				
Fr	FILTER RIP			A temporary stone barrier constructed of storm drain inlets and pond outlets.	BF	BUFFER ZONE			Strip of undisturbed original vegetation, enhanced or restored existing vegetation or the reestablishment of vegetation surrounding an area of disturbance or bartering stream.
Ga	GARDEN			Rock filter baskets which are hand-placed into position forming soil stabilizing structures.	Cs	CANTON DUNE STABILIZATION (W/VEGETATION)			Planting vegetation on dunes that are denuded, previously constructed, or re-landfilled.
Gr	GRAZE STABILIZATION STRUCTURE			Permanent structures installed to protect channels or waterways where otherwise the slope would be sufficient for the running water to form gullies.	Dd1	DISTURBED AREA STABILIZATION (W/VEGETATION ONLY)			Establishing temporary protection for disturbed areas where seedlings may not have a suitable growing medium to produce an erosion retarding cover.
Lv	LEVEL SPREADER			A structure to convert concentrated flow of runoff water into a wide, shallow flow. This should be constructed only on undisturbed areas.	Dd2	DISTURBED AREA STABILIZATION (W/VEGETATION AND SEED)			Establishing a temporary vegetative cover with fast growing seedlings on disturbed areas.
Rd	ROCK FILTER DAM			A permanent or temporary stone filter dam installed across small streams or waterways.	Dd3	DISTURBED AREA STABILIZATION (W/VEGETATION AND SEED)			Establishing a permanent vegetative cover such as trees, shrubs, vines, grasses, or legumes on disturbed areas.
Re	RETAINING WALL			A wall installed to stabilize soil and fill slopes where maximum permissible slopes are not obtainable. Each situation will require special design.	Dd4	DISTURBED AREA STABILIZATION (CHECKED)			A permanent vegetative cover using soils on highly erodible or infertile vegetation lands.
Rt	RETRO FITTING			A device or structure placed in front of a permanent stormwater detention pond outlet structure to serve as a temporary sediment filter.	Du	DUST CONTROL (DUSTED GRADES)			Controlling surface and air movement of dust on construction sites, roadways and similar sites.
Sd1	SEDIMENT BARRIER			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. This is a temporary structure allowing the bulk of the sediment to trap.	FLCd	FILLER AND COAGULANTS			Substance formulated to assist in the solids/liquid separation of suspended particles in solution.
Sd2	TEMPORARY SEDIMENT TRAP			A basin created by excavation or a dam across a waterway to temporarily store sediment from the surface of sediment ponds, traps, or basins at a controlled rate of flow.	Sb	STEMMING STABILIZATION (LONG TERM USE ONLY)			The use of readily available native plant materials to stabilize and enhance streambanks, or to prevent, or restore and repair small streambank erosion problems.
Sd3	TEMPORARY SEDIMENT TRAP			A basin created by excavation or a dam across a waterway to temporarily store sediment from the surface of sediment ponds, traps, or basins at a controlled rate of flow.	Ss	SLOPE STABILIZATION			A protective covering used to prevent erosion and establish temporary or permanent vegetation on steep slopes, shore lines, or ditches.
Sd4	TEMPORARY SEDIMENT TRAP			A basin created by excavation or a dam across a waterway to temporarily store sediment from the surface of sediment ponds, traps, or basins at a controlled rate of flow.	Tac	TACKERS AND BINDERS			Substance used to anchor straw or hay matting by coating the organic material to bind together.
Sk	FLUATING SURFACE SAMPLER			A buoyant device that releases/drops water from the surface of sediment ponds, traps, or basins at a controlled rate of flow.					
Spb	SEED BERM			A linear control device constructed as a diversion perpendicular to the direction of runoff to enhance dissipation and sedimentation, while creating multiple sedimentation chambers with the employment of intermediate dikes.					

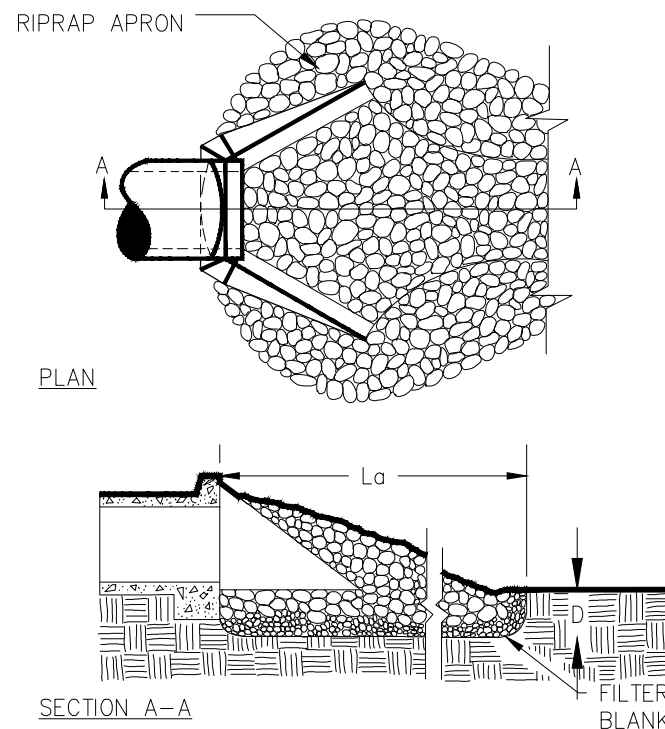
St RIPRAP OUTLET PROTECTION

PIPE OUTLET TO FLAT AREA -- NO WELL DEFINED CHANNEL

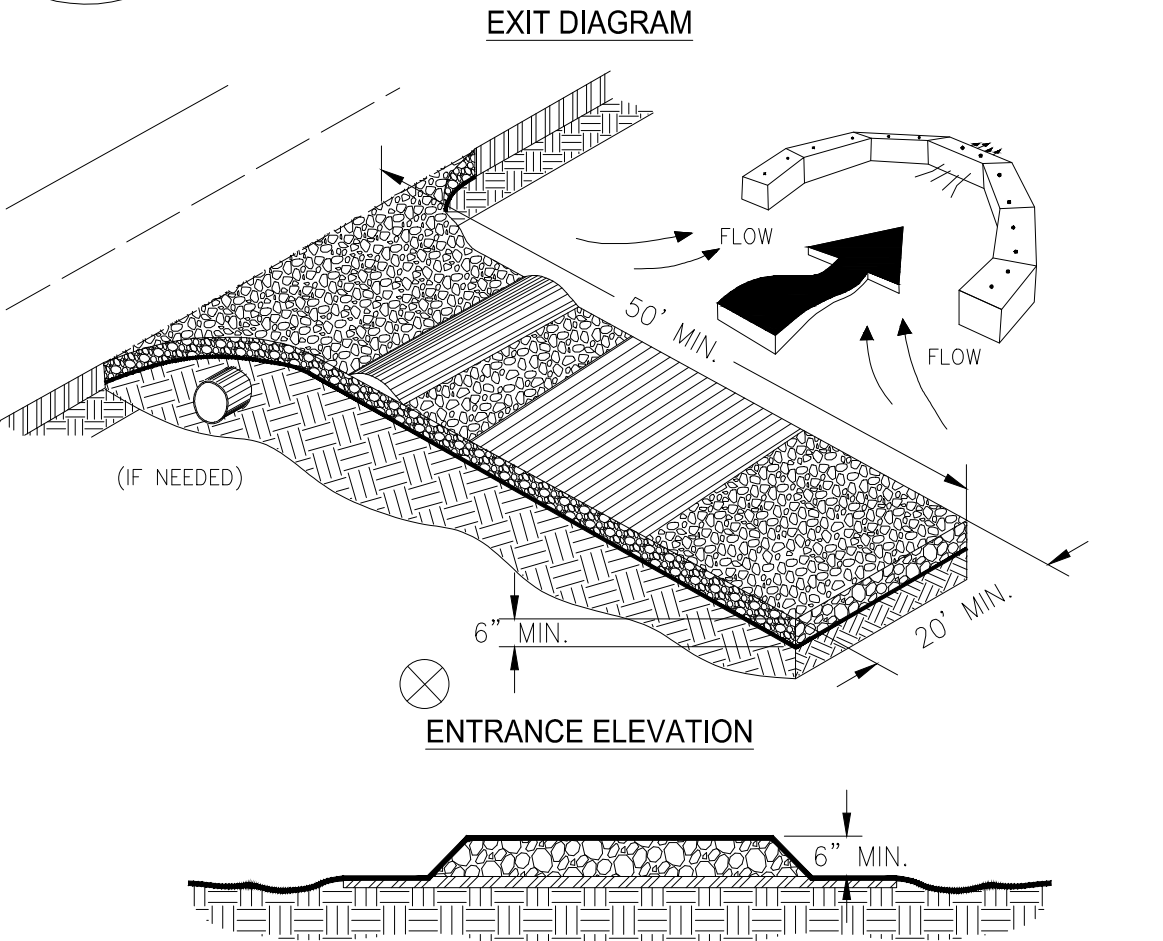


- NOTES:**
1. Lo IS THE LENGTH OF THE RIPRAP APRON.
 2. D = 1.5 TIMES THE MAXIMUM STONE DIAMETER BUT NOT LESS THAN 6".
 3. IN A WELL-DEFINED CHANNEL EXTEND THE APRON UP THE CHANNEL BANKS TO AN ELEVATION OF 6" ABOVE THE MAXIMUM TAILWATER DEPTH OR TO THE TOP OF THE BANK (WHICHEVER IS LESS).
 4. A FILTER BLANKET OR FILTER FABRIC SHOULD BE INSTALLED BETWEEN THE RIPRAP AND THE SOIL FOUNDATION.

PIPE OUTLET TO WELL DEFINED CHANNEL

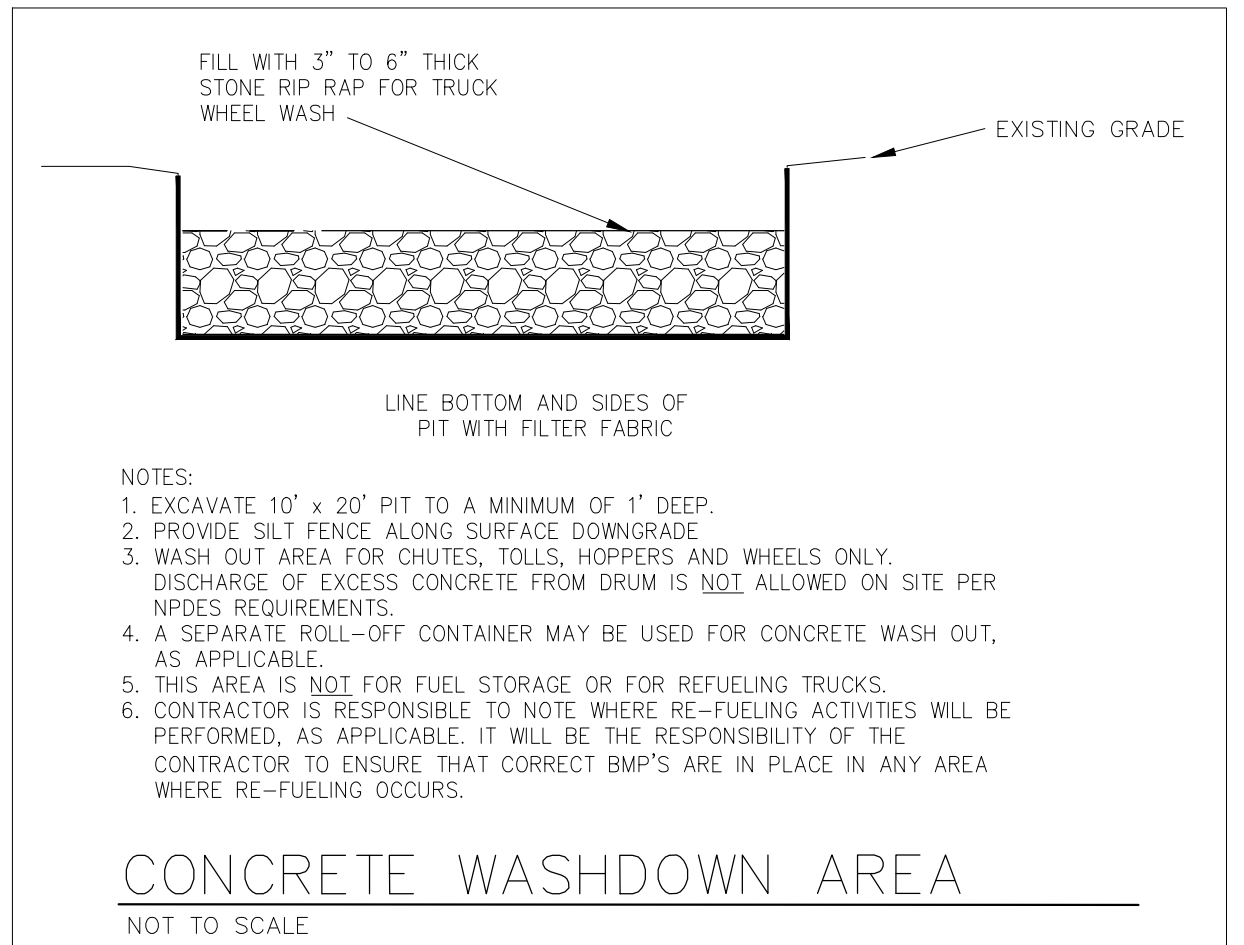
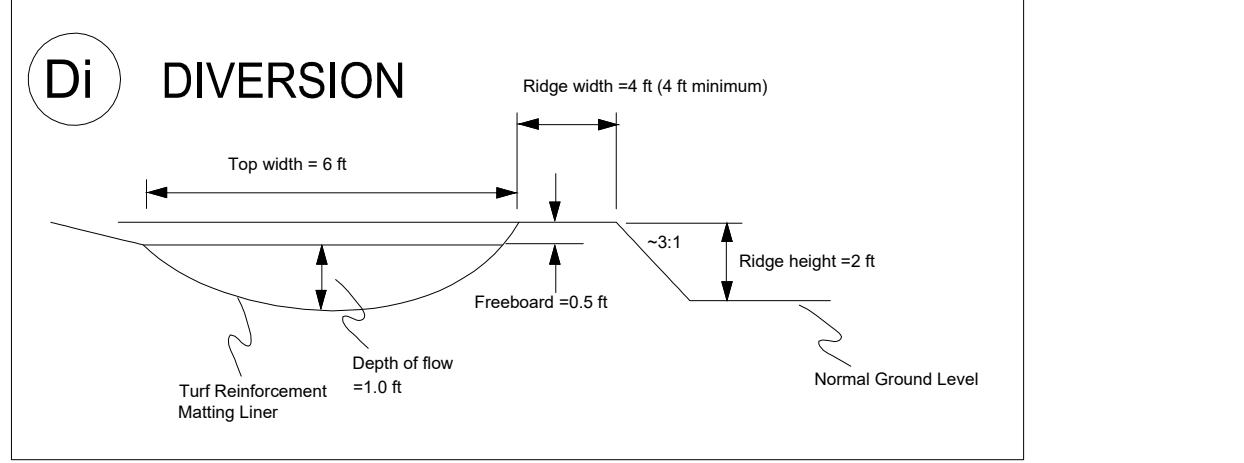
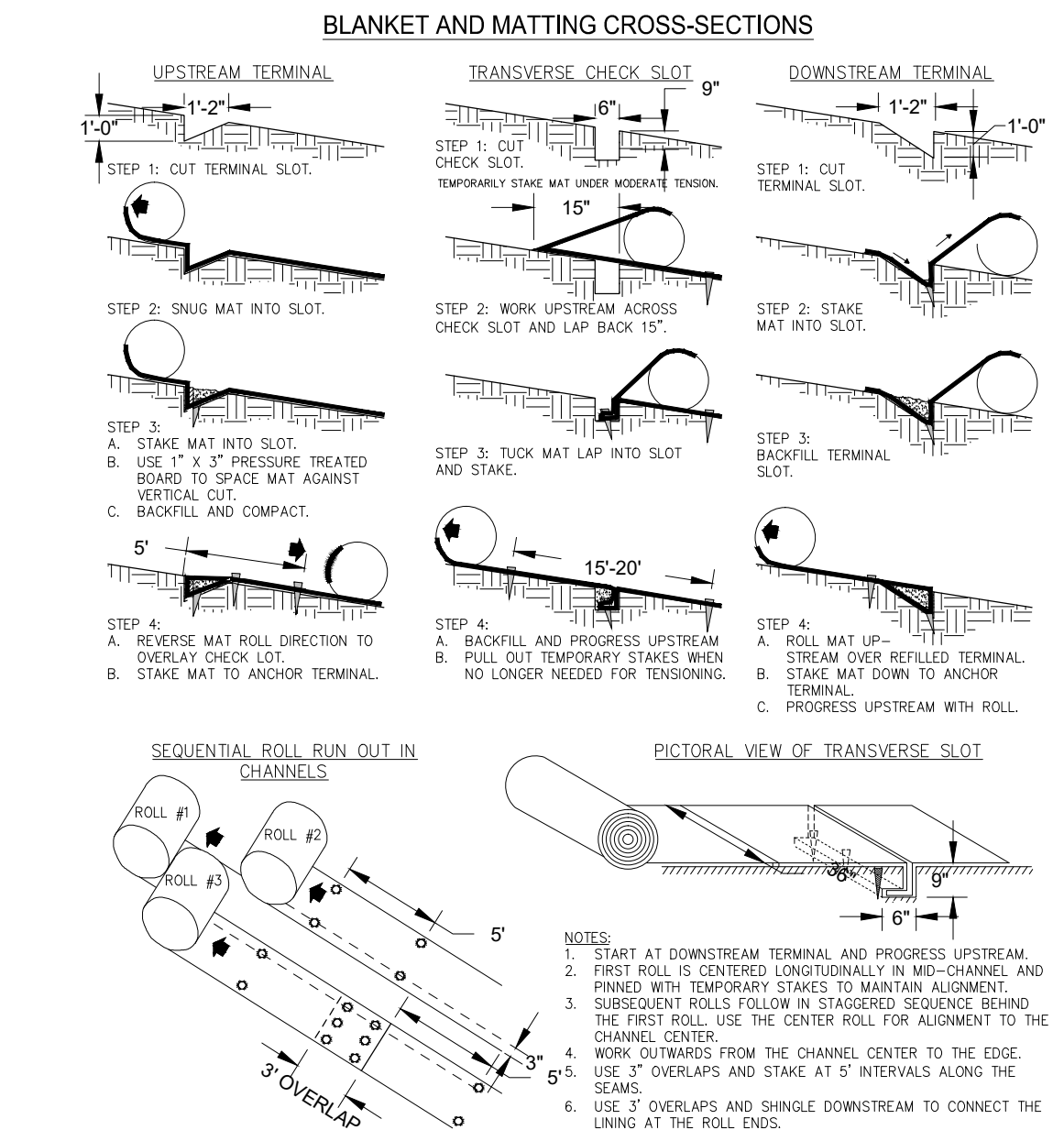


Co CRUSHED STONE CONSTRUCTION EXIT



- NOTES:**
1. AVOID LOCATING ON STEEP SLOPES OR AT CURVES ON PUBLIC ROADS.
 2. REMOVE ALL VEGETATION AND OTHER UNSUITABLE MATERIAL FROM THE FOUNDATION AREA, GRADE, AND CROWN FOR POSITIVE DRAINAGE.
 3. AGGREGATE SIZE SHALL BE IN ACCORDANCE WITH NATIONAL STONE ASSOCIATION R-2 (1.5"-3.5" STONE).
 4. GRAVEL PAD SHALL HAVE A MINIMUM THICKNESS OF 6".
 5. PAD WIDTH SHALL BE EQUAL FULL WIDTH AT ALL POINTS OF VEHICULAR TRAFFIC, BUT NO LESS THAN 20'.
 6. A DIVERSION RIDGE SHOULD BE CONSTRUCTED WHEN GRADE TOWARD PAVED AREA IS GREATER THAN 2%.
 7. INSTALL PIPE UNDER THE ENTRANCE IF NEEDED TO MAINTAIN DRAINAGE DITCHES.
 8. WHEN WASHING IS REQUIRED, IT SHOULD BE DONE ON AN AREA STABILIZED WITH CRUSHED STONE THAT DRAINS INTO AN APPROVED SEDIMENT TRAP OR SEDIMENT BASIN (DIVERT ALL SURFACE RUNOFF AND DRAINAGE FROM THE ENTRANCE TO A SEDIMENT CONTROL DEVICE).
 9. WASHRACKS AND/OR TIRE WASHERS MAY BE REQUIRED DEPENDING ON SCALE AND CIRCUMSTANCE. IF NECESSARY, WASHRACK DESIGN MAY CONSIST OF ANY MATERIAL SUITABLE FOR TRUCK TRAFFIC THAT REMOVE MUD AND DIRT.
 10. MAINTAIN AREA IN A WAY THAT PREVENTS TRACKING AND/OR FLOW OF MUD ONTO PUBLIC RIGHTS-OF-WAYS. THIS MAY REQUIRE TOP DRESSING, REPAIR AND/OR CLEANOUT OF ANY MEASURES USED TO TRAP SEDIMENT.

Ss TYPICAL INSTALLATION GUIDELINES FOR ROLLED EROSION CONTROL PRODUCTS (RECP)



- NOTES:**
1. EXCAVATE 10' x 20' PIT TO A MINIMUM OF 1' DEEP.
 2. PROVIDE SILT FENCE ALONG SURFACE DOWNGRADE.
 3. WASH OUT AREA FOR CHUTES, TOLLS, HOPPERS AND WHEELS ONLY. DISCHARGE OF EXCESS CONCRETE FROM DRUM IS NOT ALLOWED ON SITE PER NPDES REQUIREMENTS.
 4. A SEPARATE ROLL-OFF CONTAINER MAY BE USED FOR CONCRETE WASH OUT, AS APPLICABLE.
 5. THIS AREA IS NOT FOR FUEL STORAGE OR FOR REFUELING TRUCKS.
 6. CONTRACTOR IS RESPONSIBLE TO NOTE WHERE RE-FUELING ACTIVITIES WILL BE PERFORMED, AS APPLICABLE. IT WILL BE THE RESPONSIBILITY OF THE CONTRACTOR TO ENSURE THAT CORRECT BMP'S ARE IN PLACE IN ANY AREA WHERE RE-FUELING OCCURS.

CONCRETE WASHDOWN AREA
NOT TO SCALE

EROSION DETAILS

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DATE	BY	SYMBOL	REVISION
04-13-2017	MDC		PRICING SET
04-26-2017	MDC		ADDENDUM #1
05-02-2017	MDC		GSWCC EROSION CONTROL SUBMITTAL
07-20-2017	MDC		GSWCC COMMENTS REVISIONS
08-17-2017	MDC		GSWCC COMMENTS REVISIONS
08-25-2017	MDC		GSWCC COMMENTS REVISIONS

Georgia Registered Professional Engineer
No. 030386
MARK D. COOKE

City of Dunwoody
Baseball Facilities
at Brook Run Park

EROSION CONTROL DETAILS

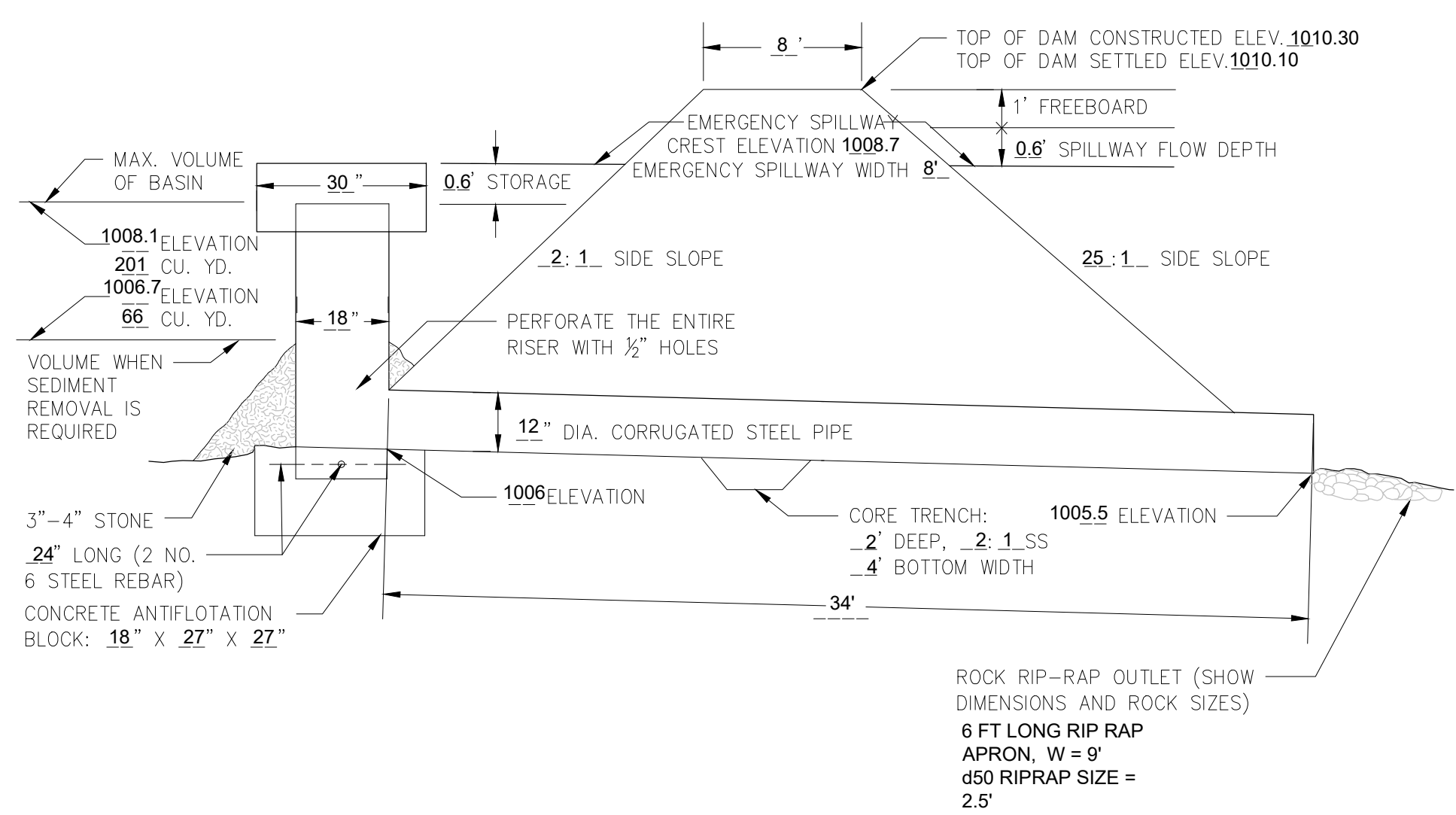
DESIGNED BY: MDC
DRAWN BY: BKJ
CHECKED DATE: 04/12/2017
PROJECT NO.:
SCALE:
DRAWING TITLE:
DRAWING NO.:
C-3.5
SHEET OF

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

Sd3

EAST TEMPORARY SEDIMENT BASIN

CROSS-SECTIONAL DETAIL



EAST TEMPORARY SEDIMENT BASIN DESIGN SUMMARY:

TOTAL VOLUME & RISER CREST ELEVATION:
TOTAL AREA DRAINING TO BASIN: 3.0 ACRES
REQ'D VOLUME: 67 CY / AC = (67 * 3.0) = 201 CYD
ELEVATION FROM STAGE-STORAGE AT 201 CYD (5,427 CFT) = 1008.1 (RISER CREST)

CLEAN OUT VOLUME AND ELEVATION:
CLEANOUT VOLUMET: 22 CY / AC = (22 * 3.0) = 66 CYD
ELEVATION FROM STAGE-STORAGE AT 66 CYD (1,782 CFT) = 1006.7

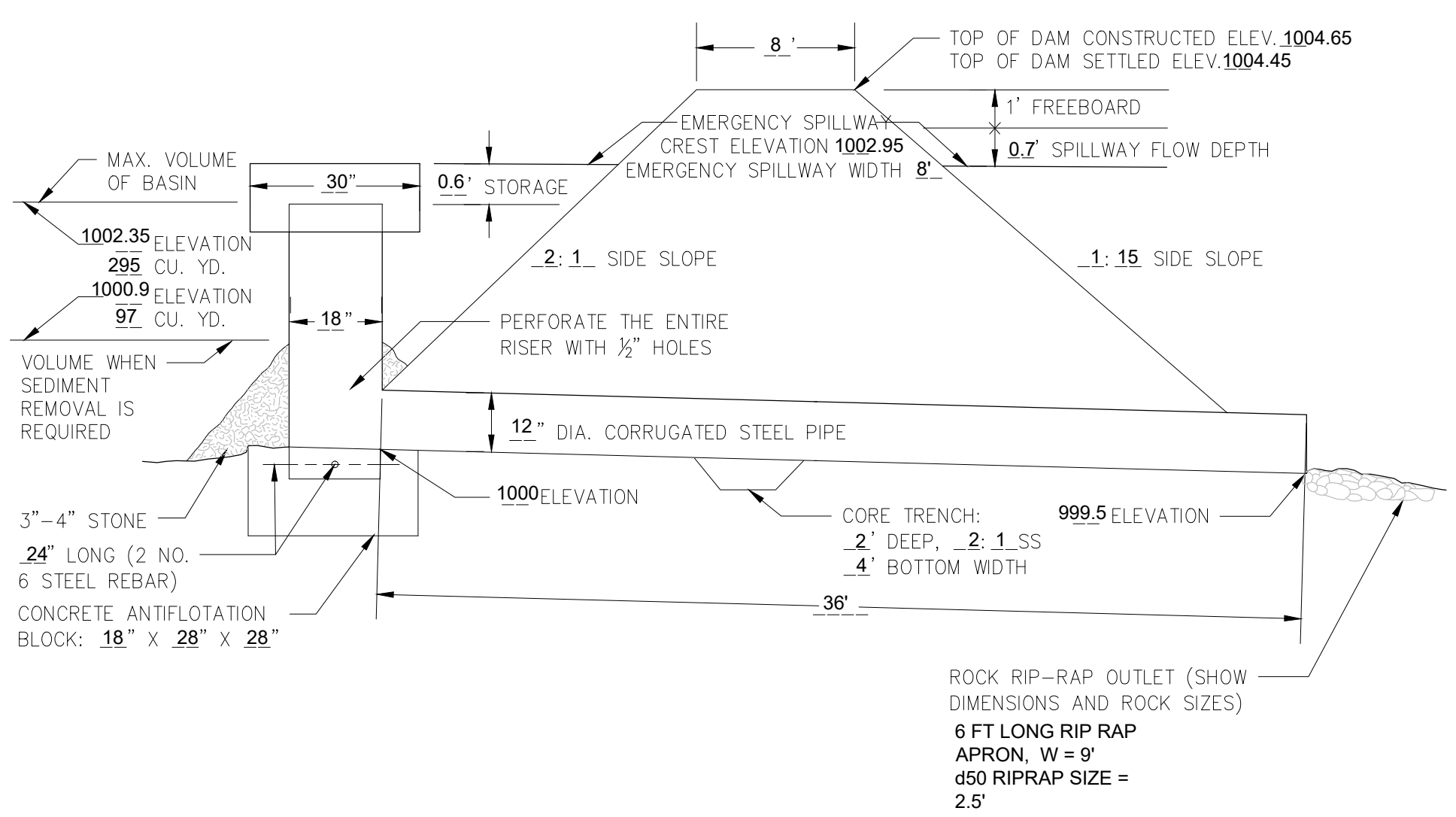
DESIGN FLOW RATES:
Q2: 24-HOUR STORM EVENT (SCS) = 2.6 CFS
Q25: 24-HOUR STORM EVENT (SCS) = 11.4 CFS

SEE SHEET C-3.7 FOR SEDIMENT BASIN DESIGN SHEETS

Sd3

WEST TEMPORARY SEDIMENT BASIN

CROSS-SECTIONAL DETAIL



WEST TEMPORARY SEDIMENT BASIN DESIGN SUMMARY:

TOTAL VOLUME & RISER CREST ELEVATION:
TOTAL AREA DRAINING TO BASIN: 4.4 AC
REQ'D VOLUME: 67 CY / AC = 295 CYD
ELEVATION FROM STAGE-STORAGE = 1002.35 (RISER CREST)

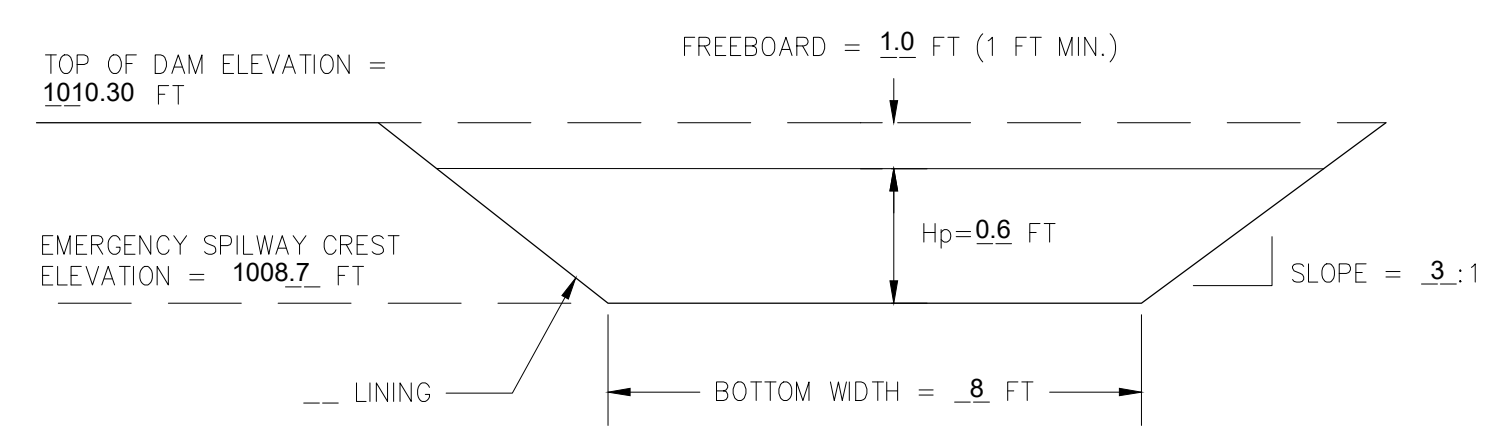
CLEAN OUT VOLUME AND ELEVATION:
CLEANOUT VOLUMET: 22 CY / AC = 97 CYD
ELEVATION FROM STAGE-STORAGE = 1000.9

DESIGN FLOW RATES:
Q2: 24-HOUR STORM EVENT (SCS) = 3.7 CFS
Q25: 24-HOUR STORM EVENT (SCS) = 16.7 CFS
Qps: 5.2 CFS
Qes: 11.5 CFS
Vo = 2.1 FPS

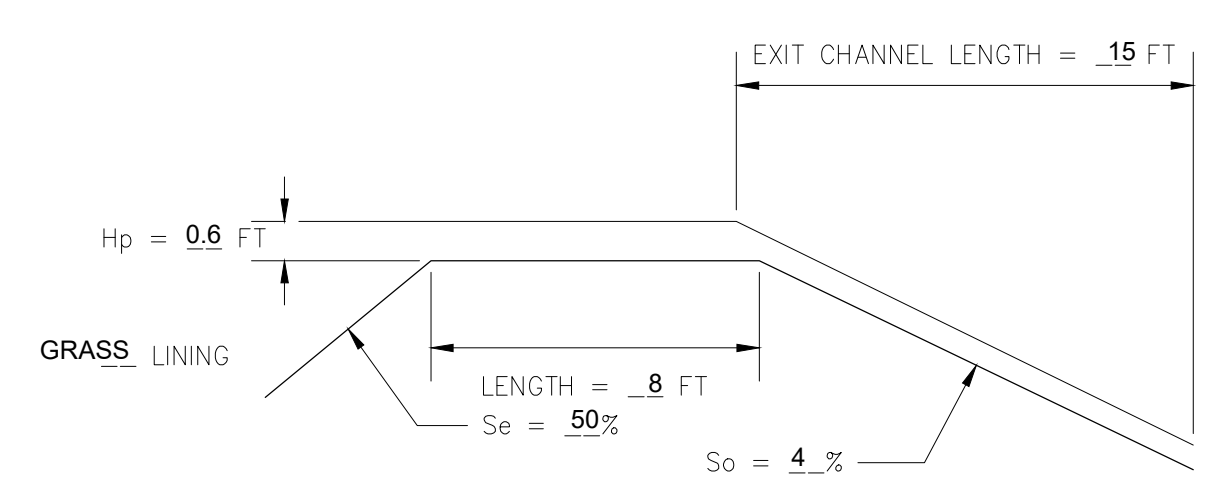
SEE SHEET C-3.7 FOR SEDIMENT BASIN DESIGN SHEETS

CROSS-SECTIONAL DETAIL OF EMERGENCY SPILLWAY

PROFILE ALONG CENTERLINE

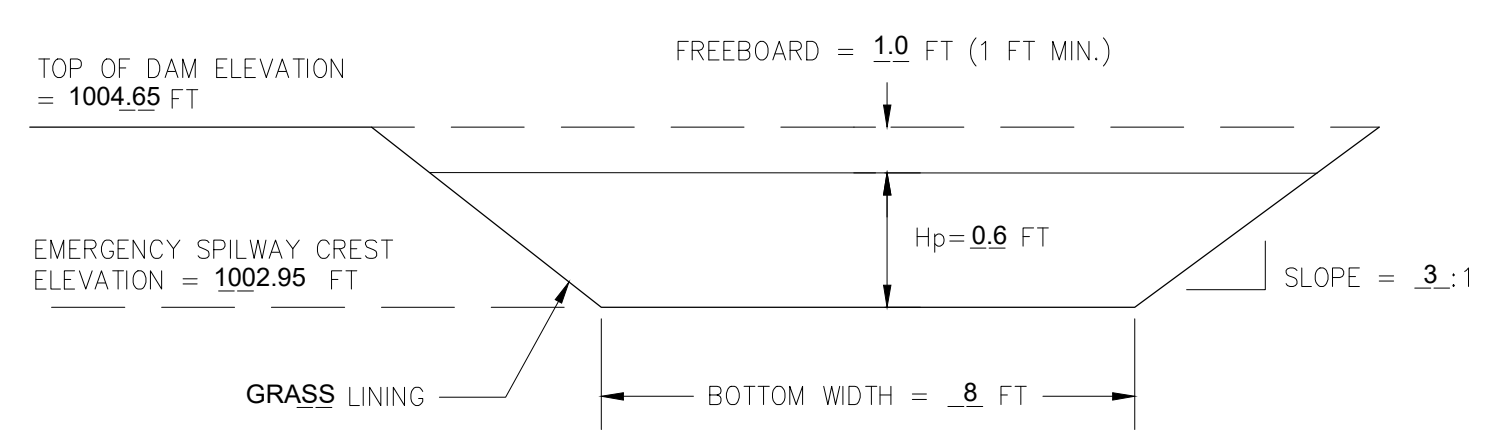


EMERGENCY SPILLWAY

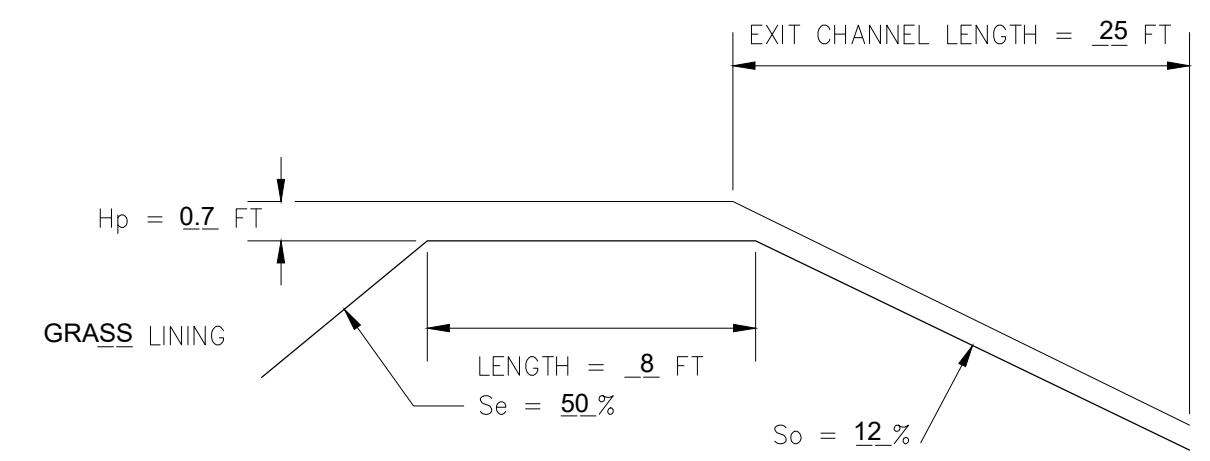


CROSS-SECTIONAL DETAIL OF EMERGENCY SPILLWAY

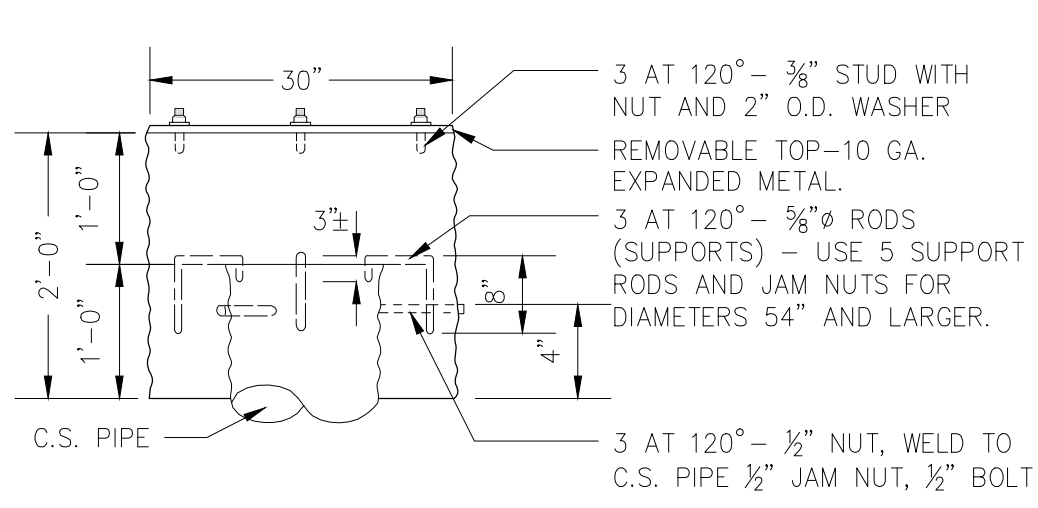
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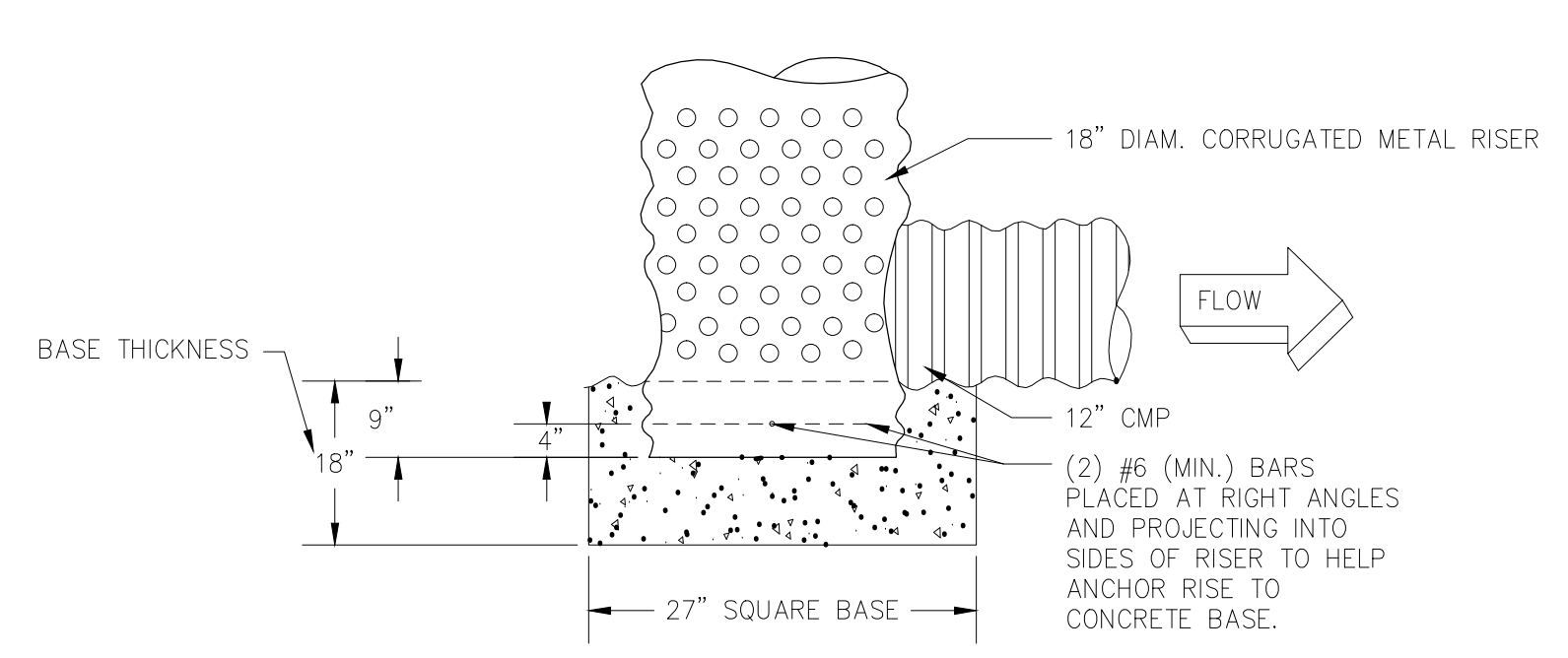
EMERGENCY SPILLWAY



TYPICAL TRASH RACK

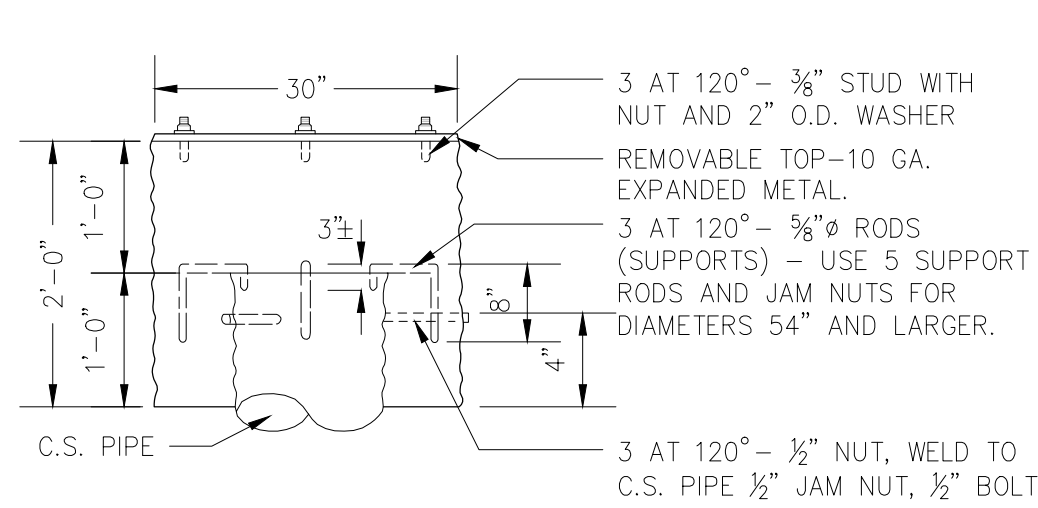


CONCRETE RISER BASE DETAIL

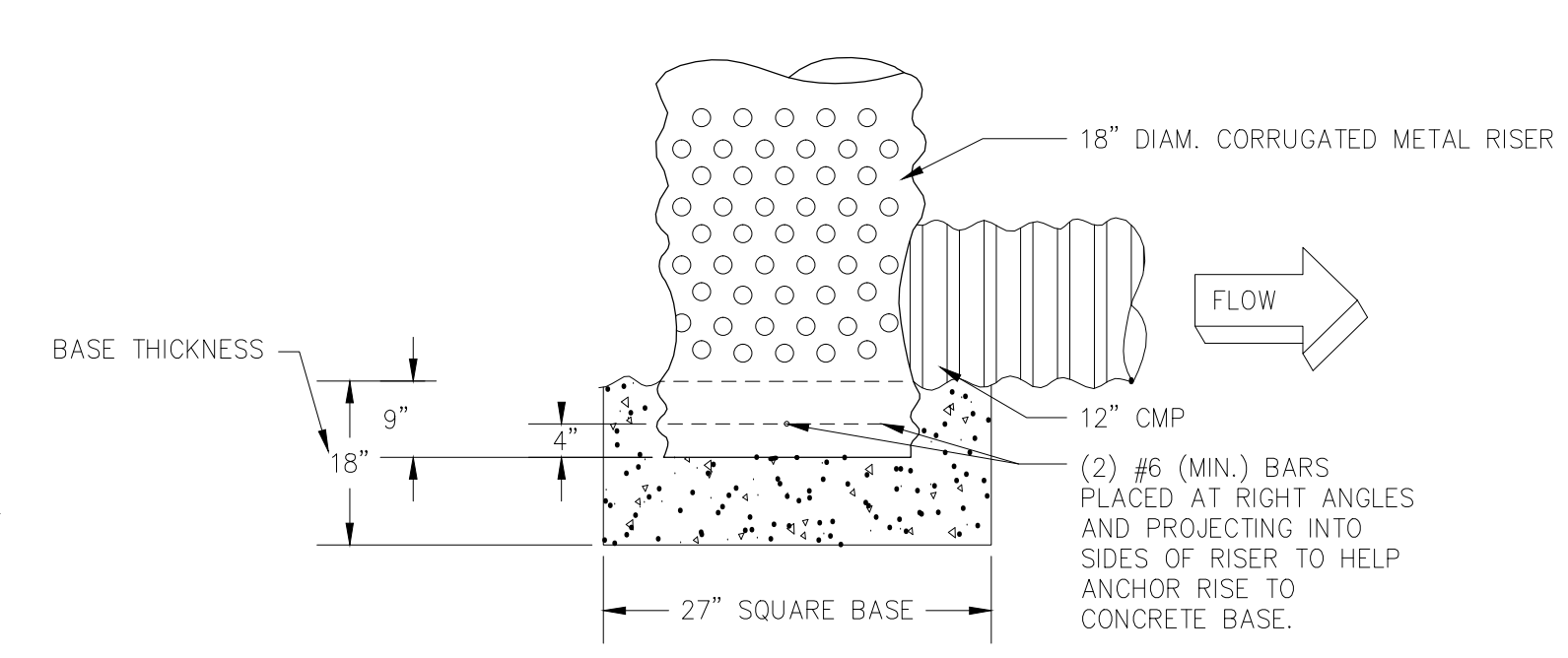


EAST SEDIMENT BASIN DETAILS

TYPICAL TRASH RACK



CONCRETE RISER BASE DETAIL



WEST SEDIMENT BASIN DETAILS

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DATE	BY	SYMBOL	REVISION
04-13-2017	MDC		PRICING SET
04-26-2017	MDC		ADDENDUM #1
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08-25-2017	MDC		GSWCC COMMENTS REVISIONS

GSWCC GEORGIA SOIL AND WATER CONSERVATION COMMISSION

MR. MARK D. COOKE, PE
Level II Certified Design Professional

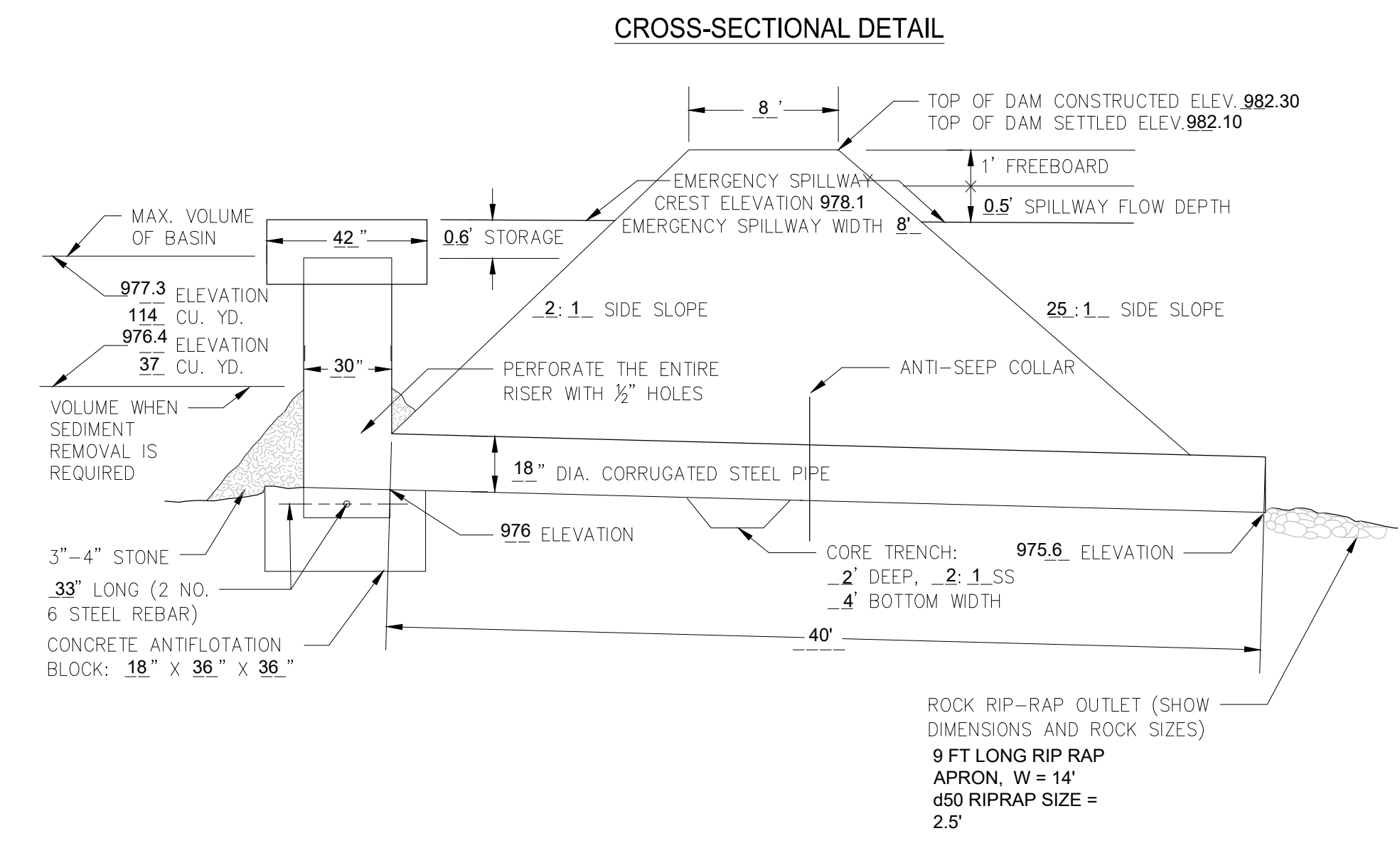
CERTIFICATION NUMBER: 0000029484
ISSUED: 12/19/2015 EXPIRES: 12/19/2018

City of Dunwoody
Baseball Facilities at Brook Run Park

DESIGNED / DRAWN: MDC / BKJ	CHECKED / DATE: / 04/12/2017
PROJECT NO.:	SCALE:
DRAWING TITLE: SEDIMENT BASIN DETAILS	
DRAWING NO.:	
SHEET: C-3.6	OF:

Sd3

TEMPORARY SEDIMENT BASIN (AT DETENTION 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)

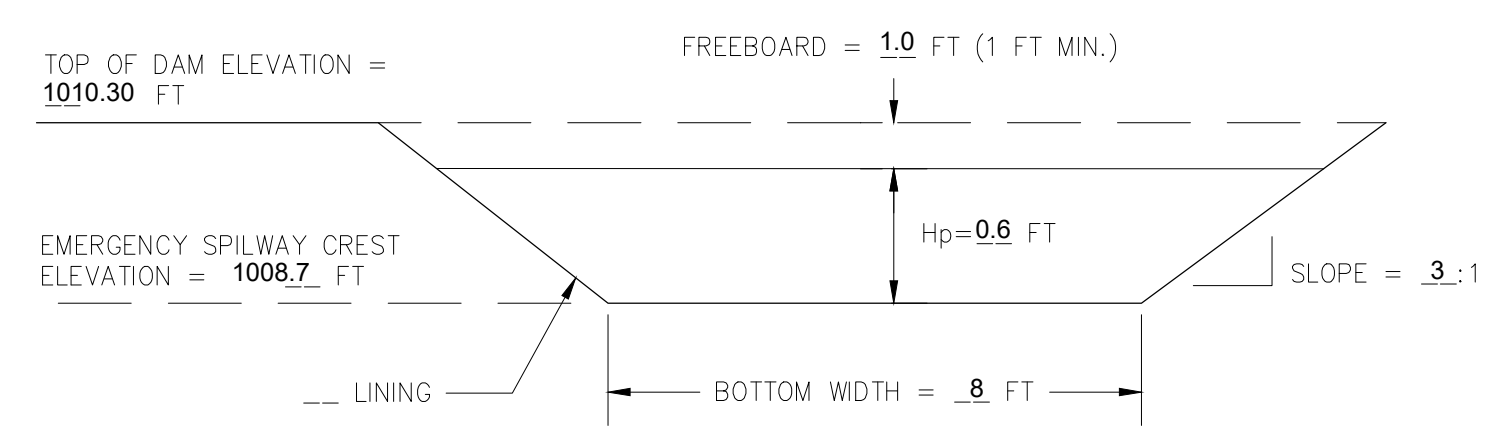
CLEAN OUT VOLUME AND ELEVATION:
 CLEANOUT VOLUME: 22 CY / AC = (22 * 1.7) = 37 CYD
 ELEVATION FROM STAGE-STORAGE AT 37 CYD = 976.4

DESIGN FLOW RATES:
 Q2: Rational Method = 4.0 CFS
 Q25: Rational Method = 5.7 CFS

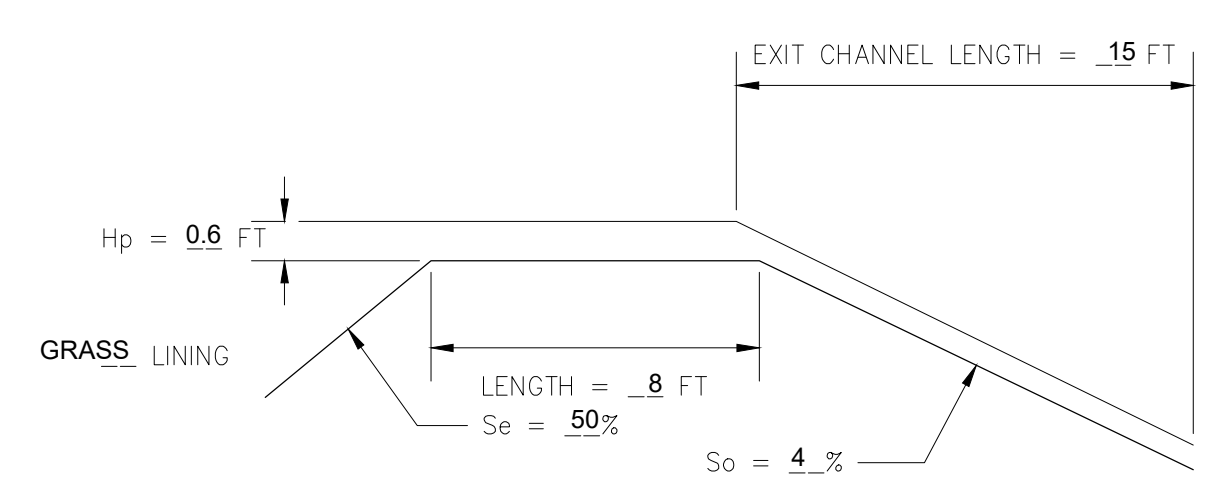
SEE SHEET C-3.7 FOR SEDIMENT BASIN DESIGN SHEETS

CROSS-SECTIONAL DETAIL OF EMERGENCY SPILLWAY

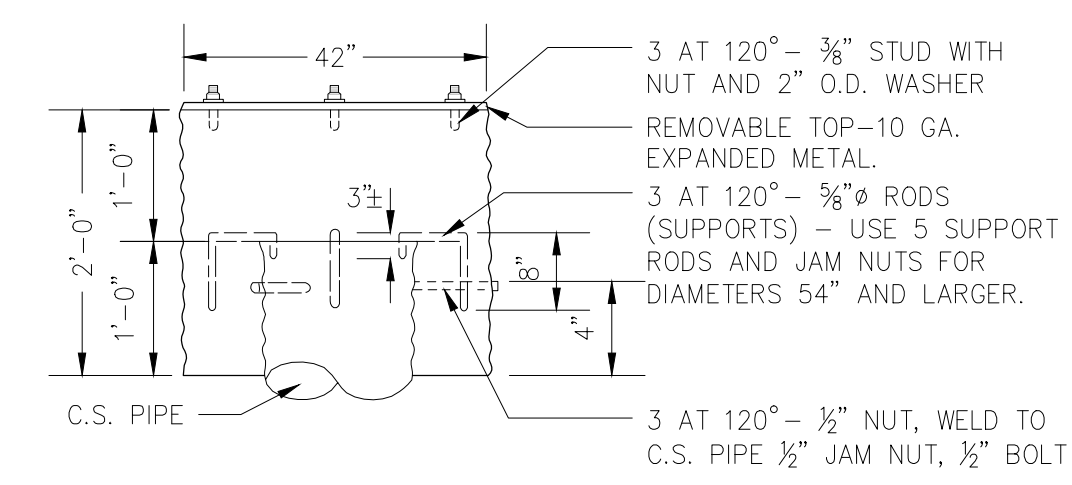
PROFILE ALONG CENTERLINE



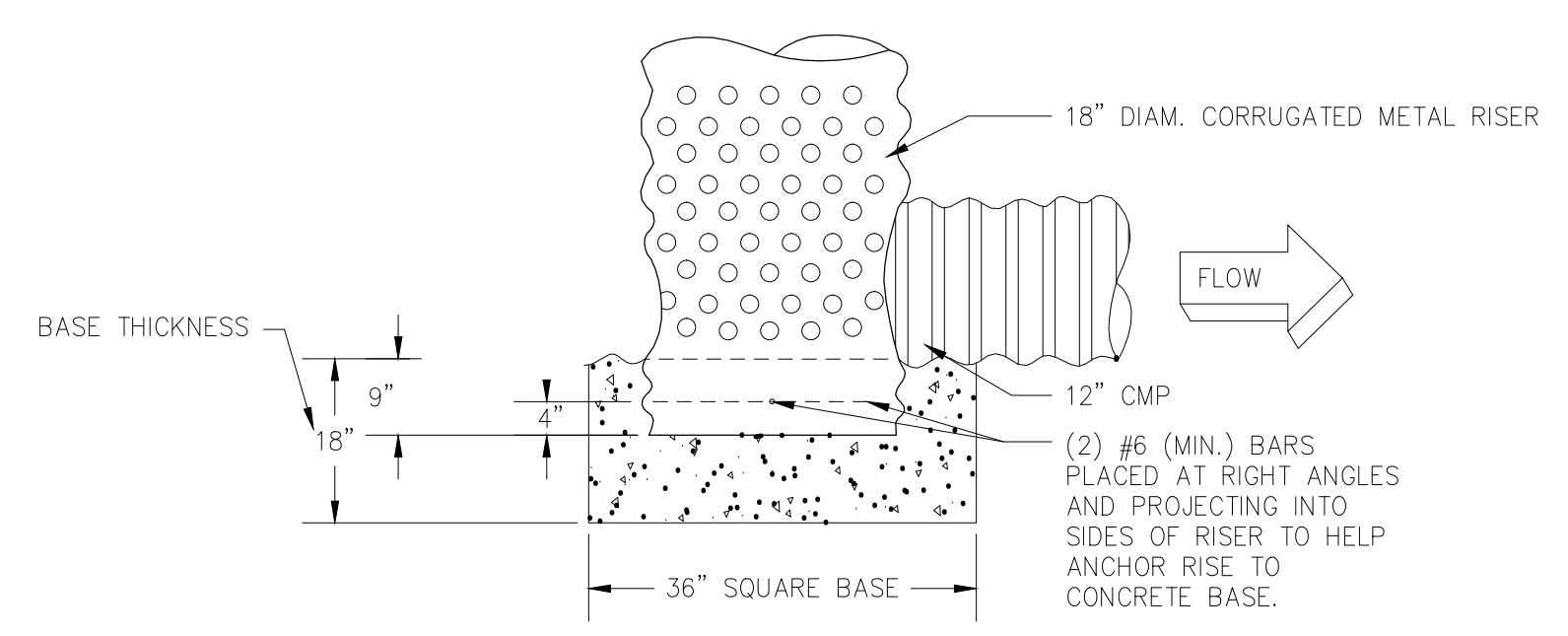
EMERGENCY SPILLWAY



TYPICAL TRASH RACK



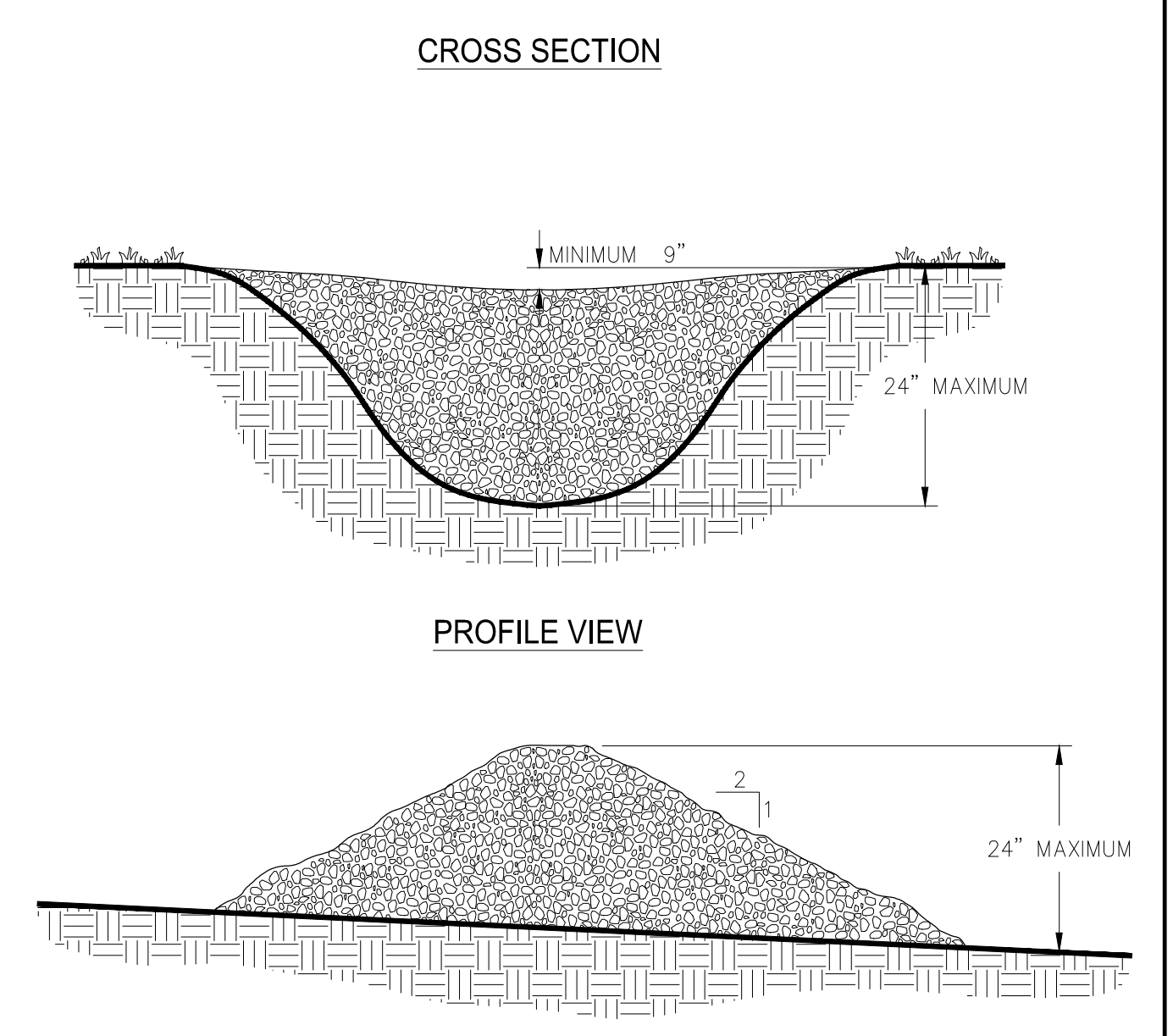
CONCRETE RISER BASE DETAIL



SEDIMENT BASIN 1 DETAILS

Cd-S

STONE CHECK DAM



- NOTES:**
- CHECK DAMS ARE TO BE USED ONLY IN SMALL OPEN CHANNELS (THEY ARE NOT TO BE USED IN LIVE STREAMS).
 - THE DRAINAGE AREA FOR STONE CHECK DAMS SHALL NOT EXCEED TWO ACRES.
 - THE CENTER OF THE CHECK DAM MUST BE AT LEAST 9 INCHES LOWER THAN THE OUTER EDGES.
 - THE DAM HEIGHT SHOULD BE A MAXIMUM OF 2 FEET FROM CENTER TO RIM EDGE.
 - THE SIDE SLOPES OF THE CHECK DAM SHALL NOT EXCEED A 2:1 SLOPE.
 - GEOTEXTILE SHALL BE USED TO PREVENT THE MITIGATION OF SUBGRADE SOIL PARTICLES INTO THE STONES (REFER TO AASHTO M288-96, SECTION 7.3, TABLE 3).

GSWCC GEORGIA SOIL AND WATER CONSERVATION COMMISSION

MR. MARK D. COOKE, PE
 Level II Certified Design Professional

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

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DATE	BY	REVISION
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08-17-2017	MDC	GSWCC COMMENTS REVISIONS
08-25-2017	MDC	GSWCC COMMENTS REVISIONS

SEAL: GEORGIA REGISTERED PROFESSIONAL ENGINEER No. 030388 MARK D. COOKE

CLIENT: City of Dunwoody
 PROJECT: Baseball Facilities at Brook Run Park

DESIGNED/DRAWN: MDC/BKJ
 CHECKED: MDC
 DATE: 04/12/2017
 SCALE: AS SHOWN

DRAWING TITLE: SEDIMENT BASIN DETAILS

DRAWING NO.: C-3.6A

SHEET OF

Ds1

DISTURBED AREA STABILIZATION MULCHING ONLY

DEFINITION
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.

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.
2. Straw or hay mulch spread with special blower-type equipment may be anchored. Tackifiers, binders and hydraulic mulch with tackifier specifically designed for tacking straw can be substituted for emulsified asphalt.
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.

Du

DUST CONTROL ON DISTURBED AREAS

DEFINITION
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.
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).
B. Permanent Methods
Permanent Vegetation. See specification Ds3 - Disturbed Area Stabilization (With Permanent Vegetation).
Topsoiling. This entails covering the surface with less erosive soil material.

Ds2

DISTURBED AREA STABILIZATION TEMPORARY SEEDING

DEFINITION
The establishment of temporary vegetative cover with fast growing seedlings 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.

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.

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.
Lime and Fertilizer
Agricultural lime is required unless soil tests indicate otherwise. Apply agricultural lime at a rate determined by soil test for pH.

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.

Table with 4 columns: SPECIES, RATE PER 1,000 SFT., RATE PER ACRE, PLANTING DATES. Rows include Weeping Lovegrass, Sudangrass, Browntop Millet, Ryegrass.

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

Ds4

DISTURBED AREA STABILIZATION W/ SODDING

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".

Table with 4 columns: FERTILIZER TYPE (lbs/acre), FERTILIZER RATE (lbs./acre), FERTILIZER RATE, SEASON. Rows include 10-10-10, 1,000, 0.25, Fall.

Installation
Lay sod with tight joints and in straight lines. Don't overlap joints. Stagger joints and do not stretch sod.
On slopes steeper than 3:1, sod should be anchored with pins or other approved methods.

Ds3

DISTURBED AREA STABILIZATION - PERMANENT VEGETATION

DEFINITION
The planting of perennial vegetation such as trees, shrubs, vines, grasses, or legumes on exposed areas for final permanent 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.

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.

Lime and Fertilizer Application
When hydraulic seeding equipment is used, the initial fertilizer shall be mixed with seed, inoculant (if needed), and wood cellulose or wood pulp fiber mulch and applied in a slurry. The inoculant, if needed, shall be mixed with the seed prior to being placed into the hydraulic seeder.

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.

Seedbed Preparation
Seedbed preparation may not be required where hydraulic seeding and fertilizing equipment is to be used (but is strongly recommended for any seeding process, when possible).

DEFINITION
Seedbed preparation may not be required where hydraulic seeding and fertilizing equipment is to be used (but is strongly recommended for any seeding process, when possible).

Table 1 Sod Planting Requirements with columns: GRASS, VARIETIES, RESOURCE AREA, GROWING SEASON. Rows include Bermudagrass, Bahiagrass, Centipede, St. Augustine, Zoysia, Tall Fescue.

Table 2 Fertilizer Requirements for Sod with columns: SPECIES, PLANTING YEAR, FERTILIZER (N-P-K), RATE (lbs./acre), NITROGEN TOP DRESSING RATE (lbs/ac). Rows include Cool Season Grasses, Warm Season Grasses.

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.

Applying Mulch
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.

Topdressing
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.

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.

Table with 4 columns: SPECIES, RATE PER 1,000 SFT., RATE PER ACRE, PLANTING DATES. Rows include Bahia, Bermuda, Centipede, Lespedeza, Weeping Lovegrass, Switch Grass.

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

Professional Engineer seal for MR. MARK D. COOKE, PE, Level II Certified Design Professional, Georgia Soil and Water Conservation Commission.

SKYLINE ENGINEERING & CONSTRUCTION logo and contact information for Robert and Company.

Table with columns: DATE, MDC, PRICING SET, APPENDUM #1, GSWCC EROSION CONTROL SUBMITTAL, GSWCC COMMENTS REVISIONS.

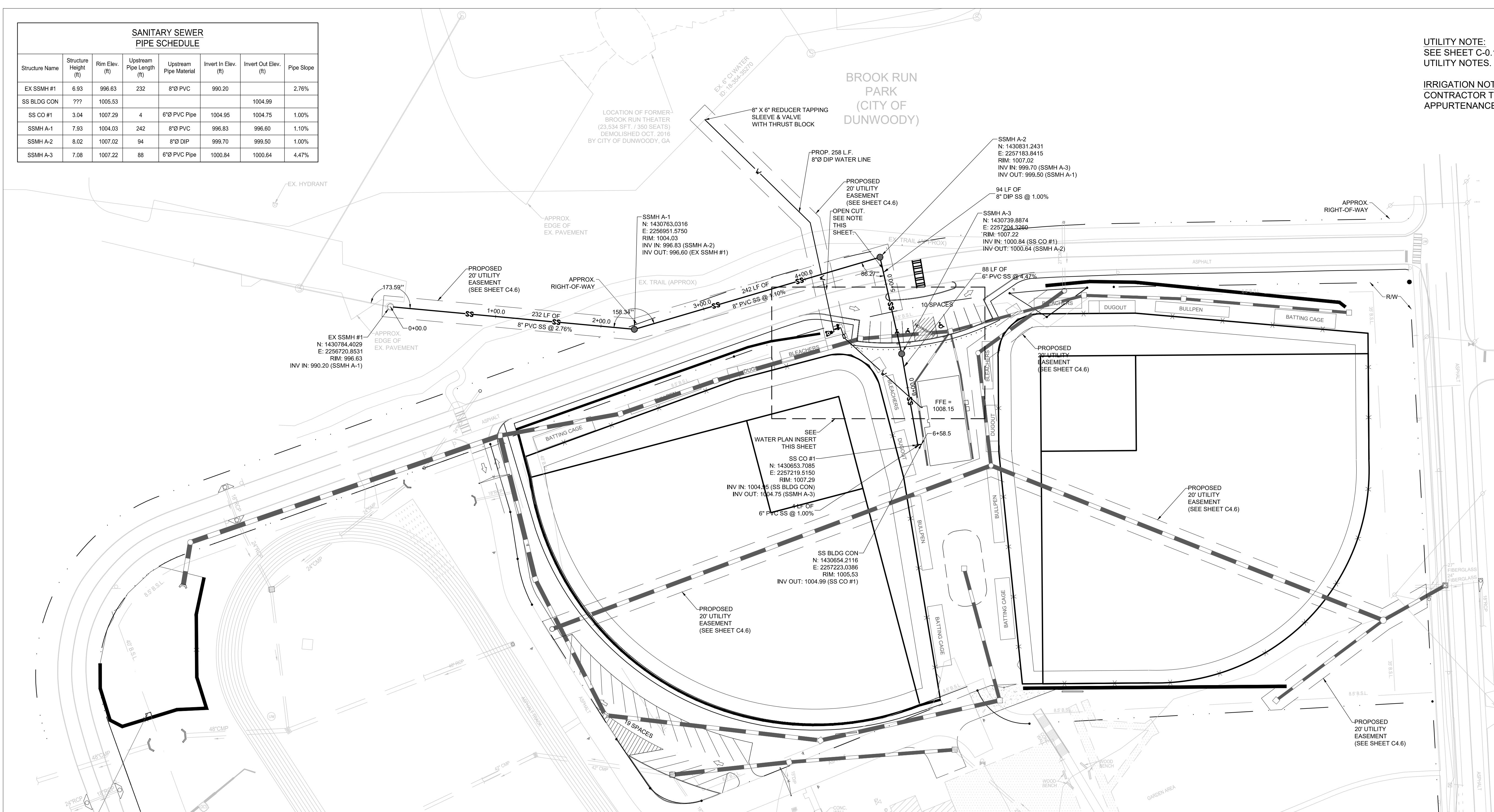
Professional Engineer seal for MARK D. COOKE, Registered Professional Engineer, No. 030386.

City of Dunwoody logo, project title 'VEGETATIVE PRACTICES NOTES', drawing number 'C-3.8', and sheet information.

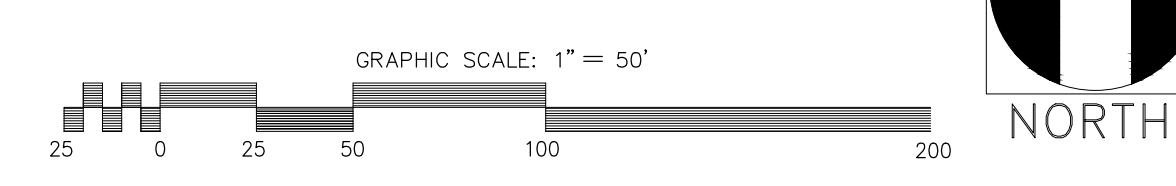
SANITARY SEWER PIPE SCHEDULE							
Structure Name	Structure Height (ft)	Rim Elev. (ft)	Upstream Pipe Length (ft)	Upstream Pipe Material	Invert In Elev. (ft)	Invert Out Elev. (ft)	Pipe Slope
EX SSMH #1	6.93	996.63	232	8" PVC	990.20		2.76%
SS BLDG CON	???	1005.53				1004.99	
SS CO #1	3.04	1007.29	4	6" PVC Pipe	1004.95	1004.75	1.00%
SSMH A-1	7.93	1004.03	242	8" PVC	996.83	996.60	1.10%
SSMH A-2	8.02	1007.02	94	8" DIP	999.70	999.50	1.00%
SSMH A-3	7.08	1007.22	88	6" PVC Pipe	1000.84	1000.64	4.47%

UTILITY NOTE:
SEE SHEET C-0.1 FOR STANDARD DEKALB COUNTY UTILITY NOTES.

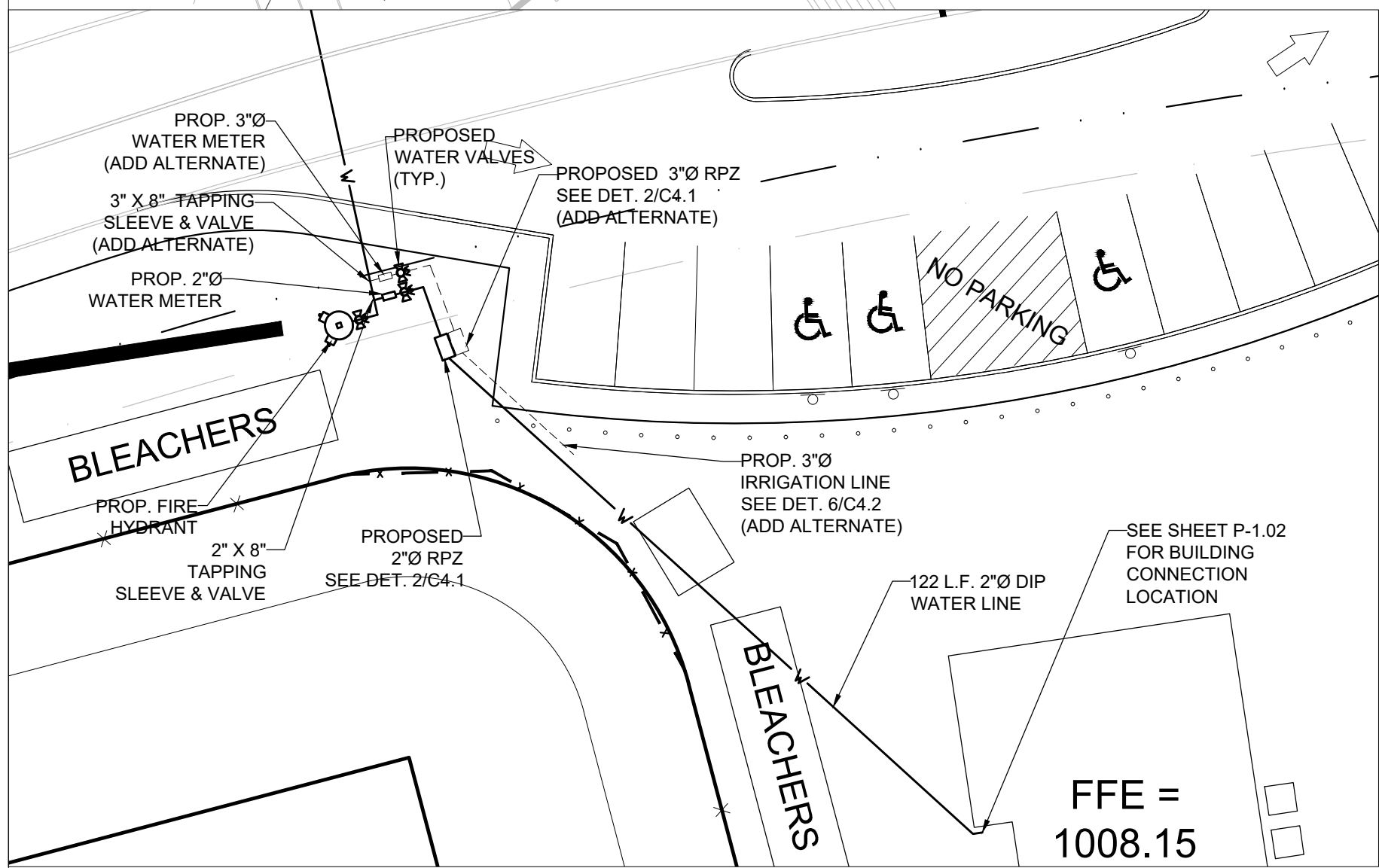
IRRIGATION NOTE:
CONTRACTOR TO BID IRRIGATION SYSTEM AND ALL APPURTENANCES AS AN ADD ALTERNATE.



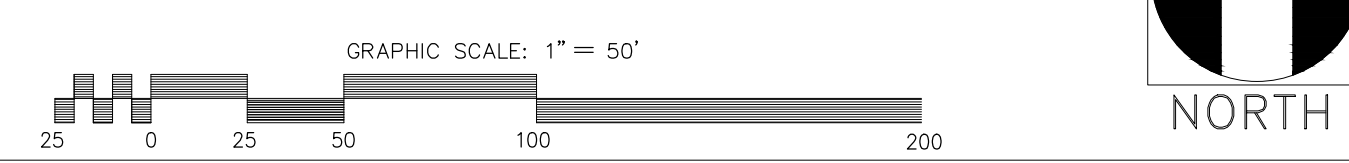
UTILITY PLAN



UTILITY NOTE:
CONTRACTOR TO UTILIZE OPEN CUT TRENCHING TO INSTALL UTILITIES CROSSING BARCLAY ROAD PER DETAILS 5/C-4.2 (DEKALB DWM DETAIL # W-027) AND 5/C-4.4 (DEKALB DWM DETAIL # S-016)



WATER PLAN INSERT



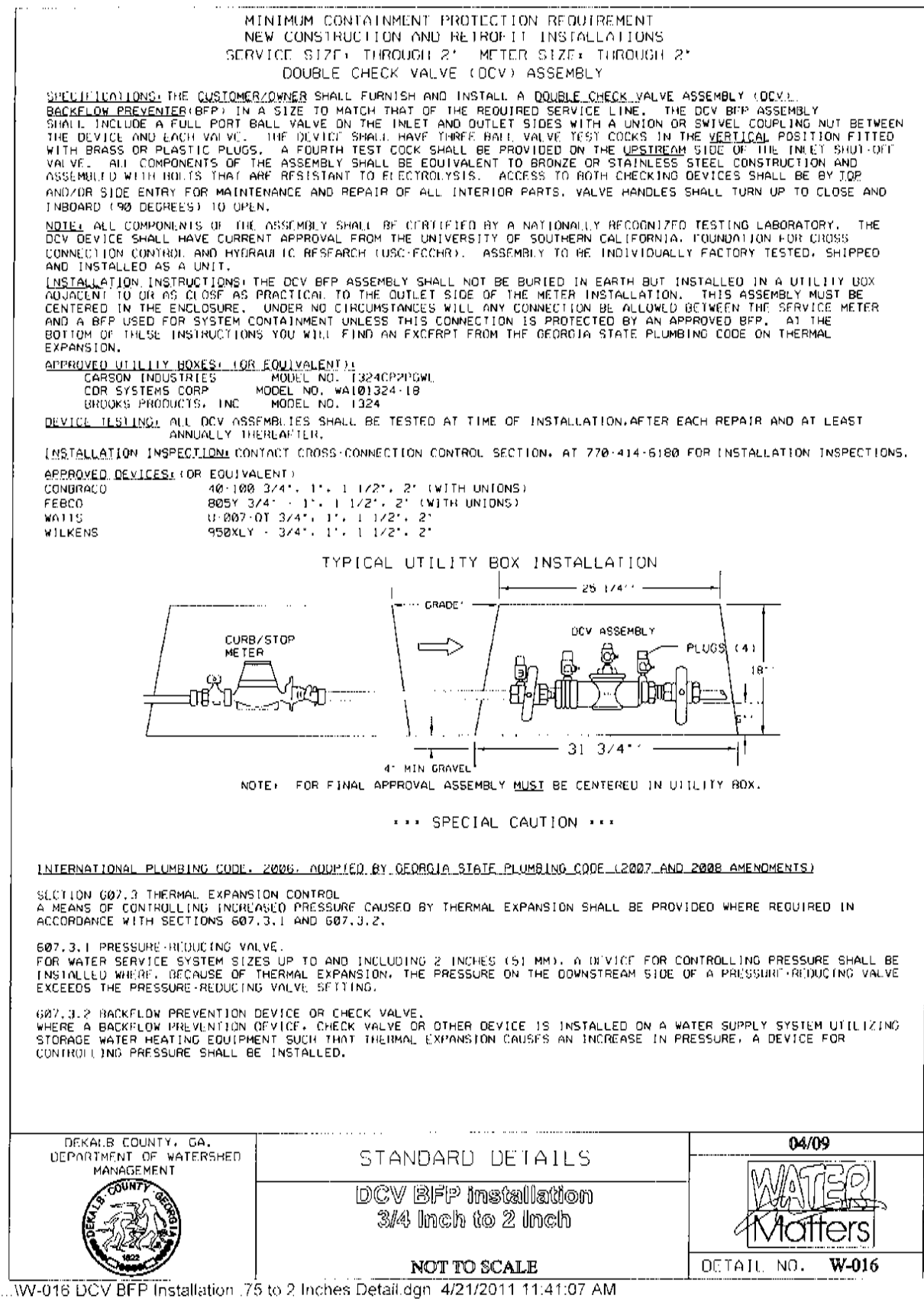
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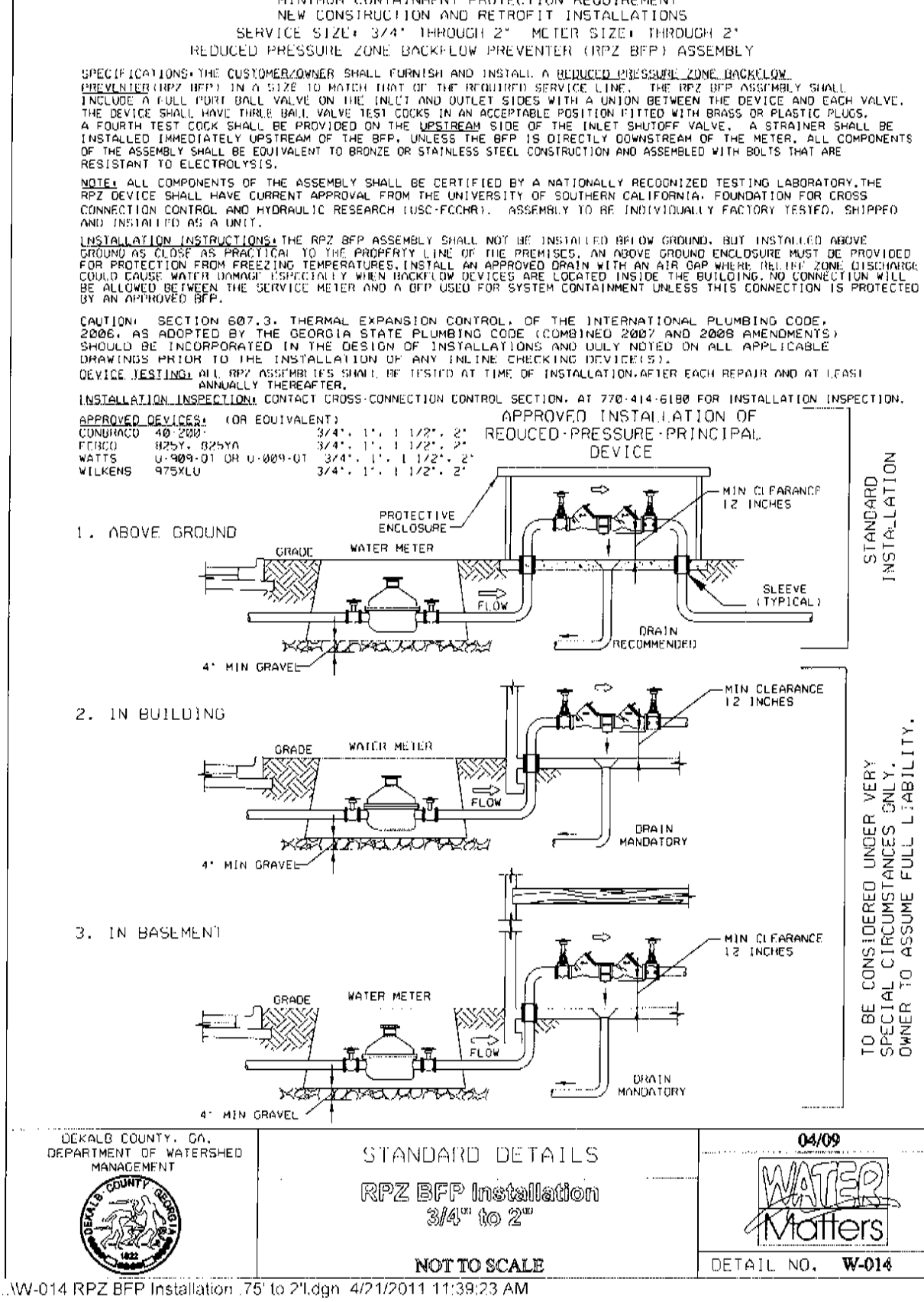
DATE	SYMBOL	DATE	BY	REVISION
04-13-2017	MDC	PRICING SET		
04-26-2017	MDC	ADDENDUM #1		
05-05-2017	MDC	ADDENDUM #3		
05-11-2017	MDC	ADDENDUM #4		
06-21-2017	RAC	DUNWOODY BUILDING PERMIT		
07-27-2017	MDC	DUNWOODY LDP COMMENTS		

City of Dunwoody
 PROJECT: Baseball Facilities at Brook Run Park

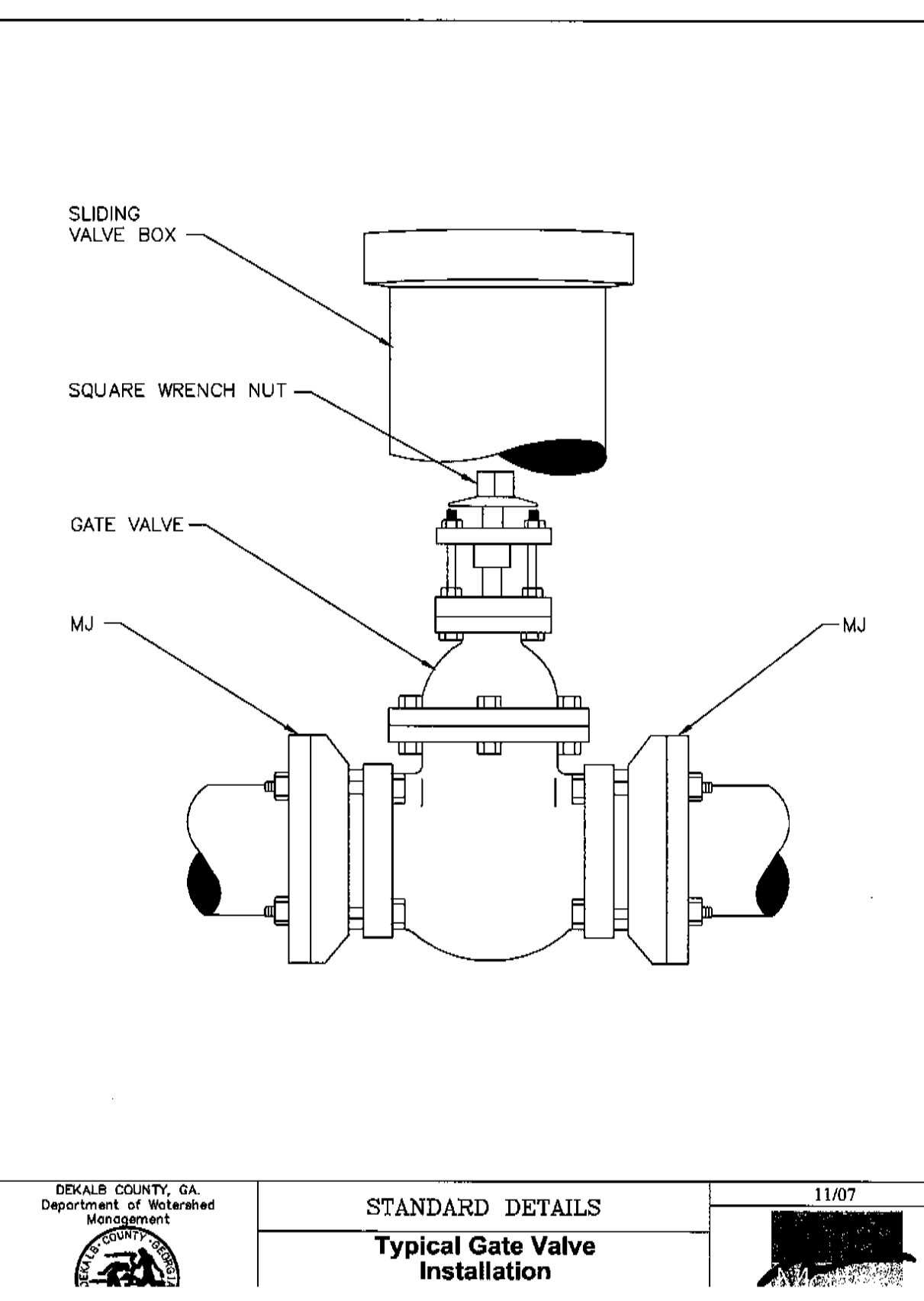
DESIGNED	MDC	CHECKED	BKJ	DATE	04/12/2017
DRAWING NO.	UTILITY PLAN				
SHEET	C-4.0	OF			



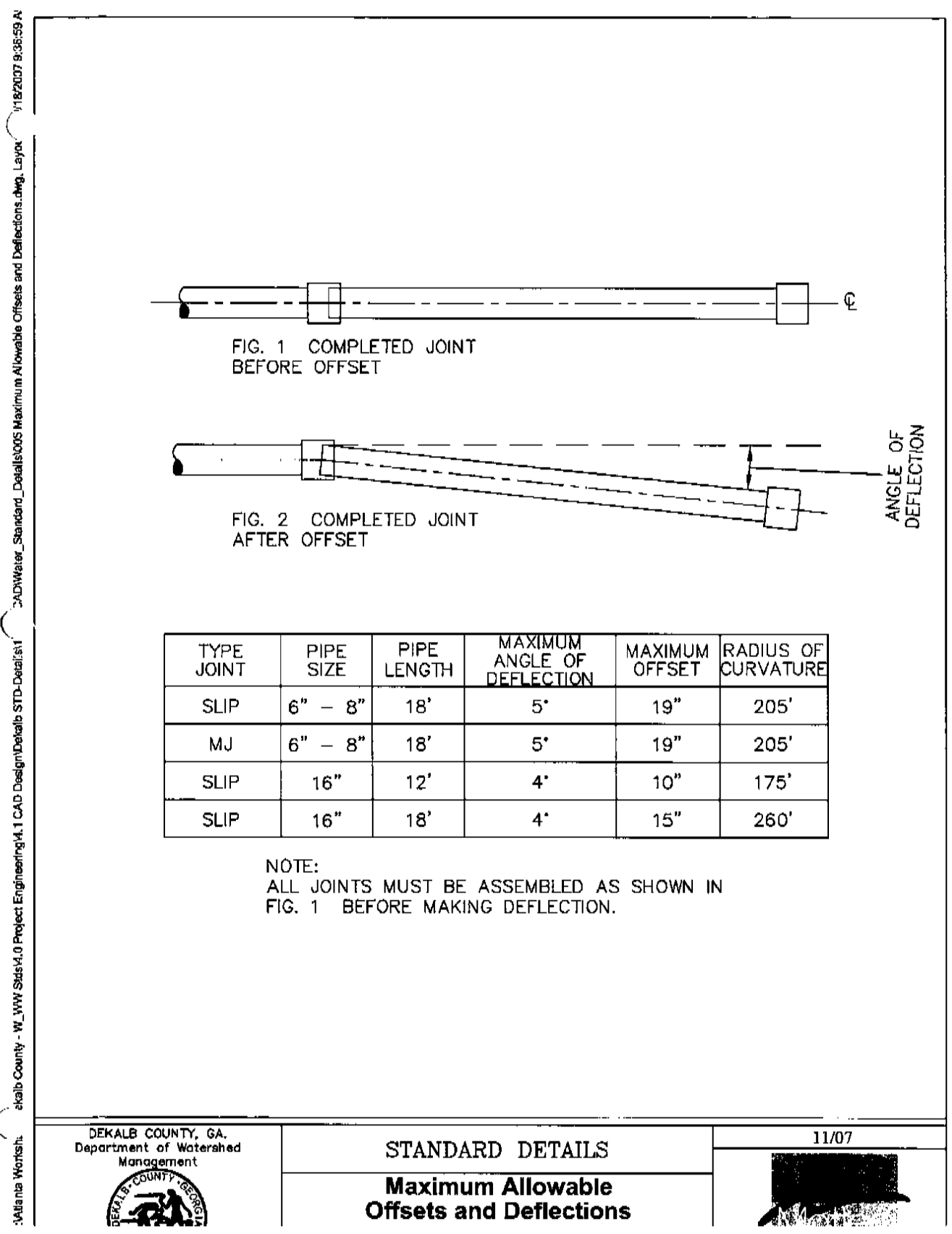
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C4.1 DOUBLE CHECK VALVE BACKFLOW PREVENTER N.T.S.



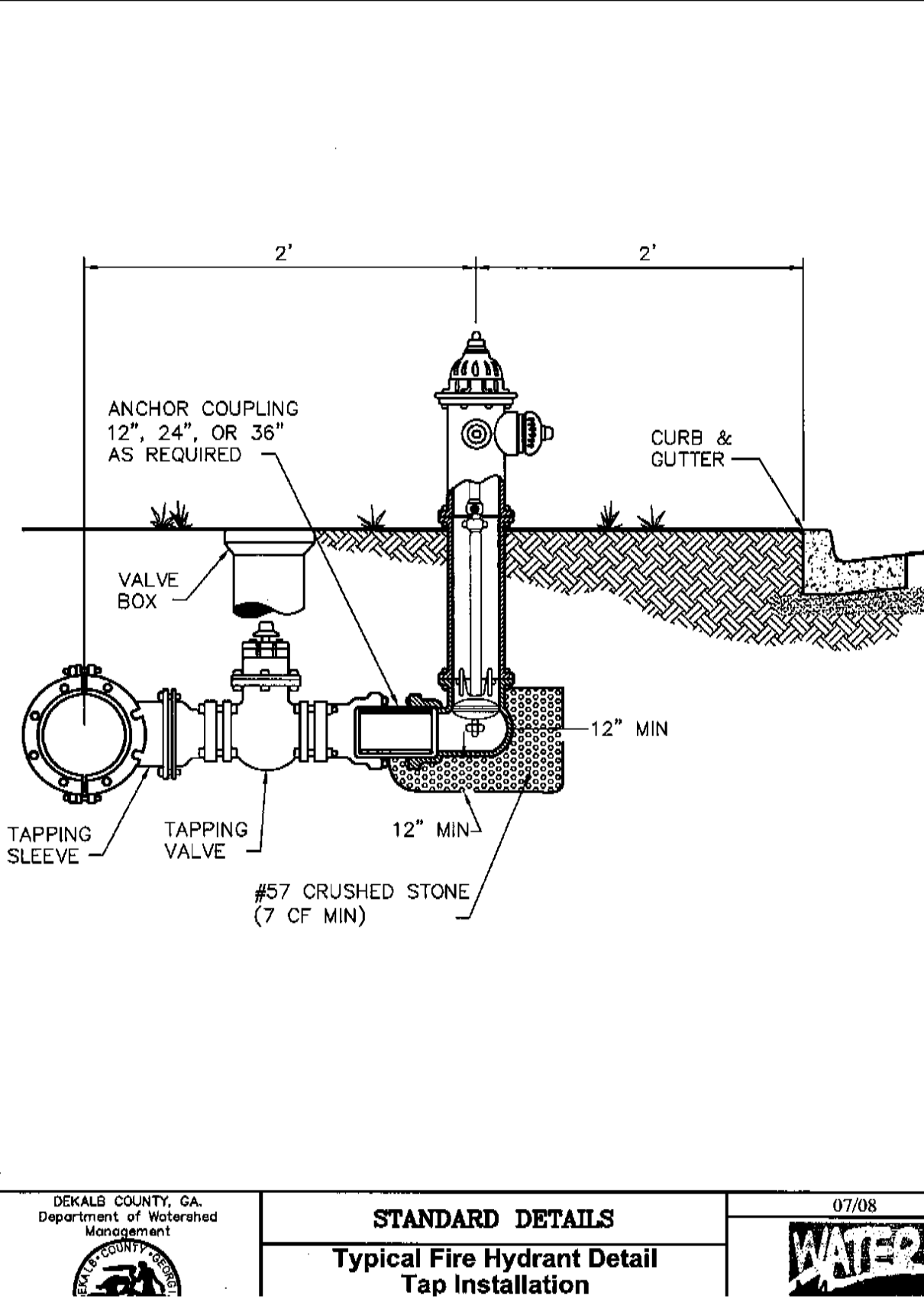
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C4.1 REDUCED PRESSURE ZONE BACKFLOW PREVENTER (RPZ BFP) ASSEMBLY N.T.S.



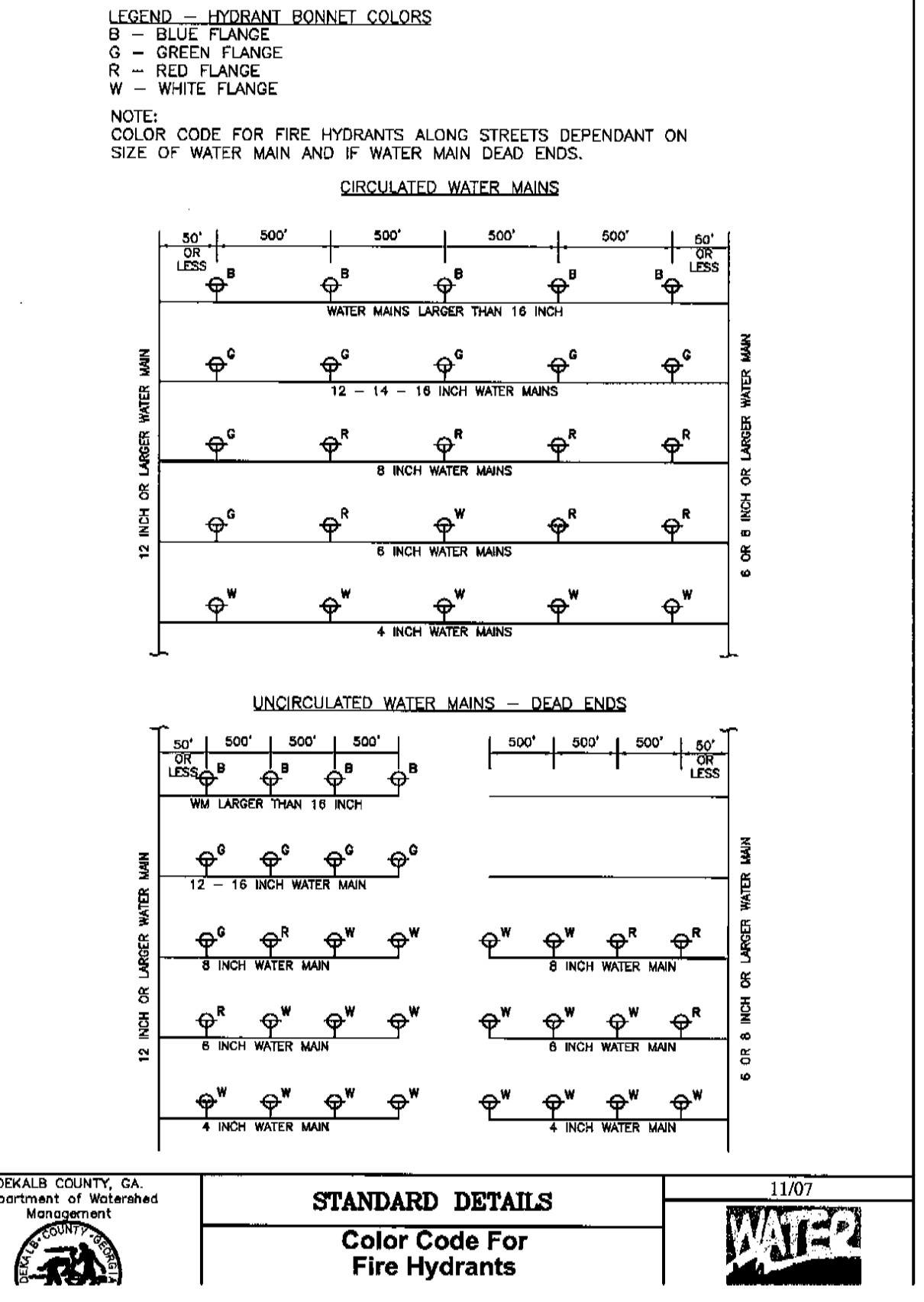
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C4.1 GATE VALE N.T.S.



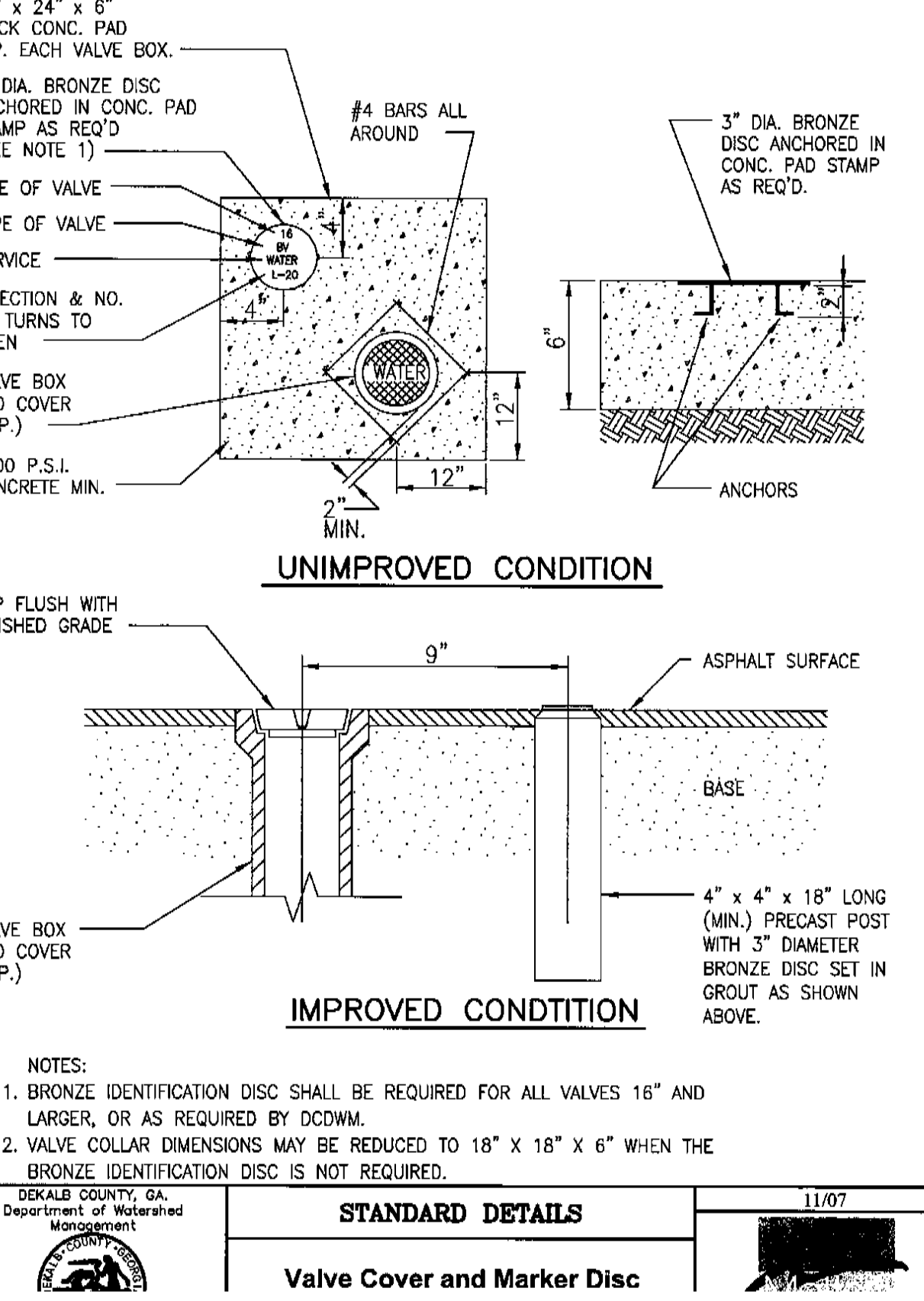
4
C4.1 WATERMAIN OFFSETS & DEFLECTIONS N.T.S.



5
C4.1 FIRE HYDRANT TAP N.T.S.



6
C4.1 FIRE HYDRANT COLOR CODE N.T.S.



7
C4.1 VALVE COVER & MARKER N.T.S.

UTILITY DETAILS - WATER

Robert and Company
Civil Engineers, Planners
229 Peachtree Street, N.E., Suite 2000
Atlanta, Georgia 30309
404.574.4000 FAX: 404.577.7119

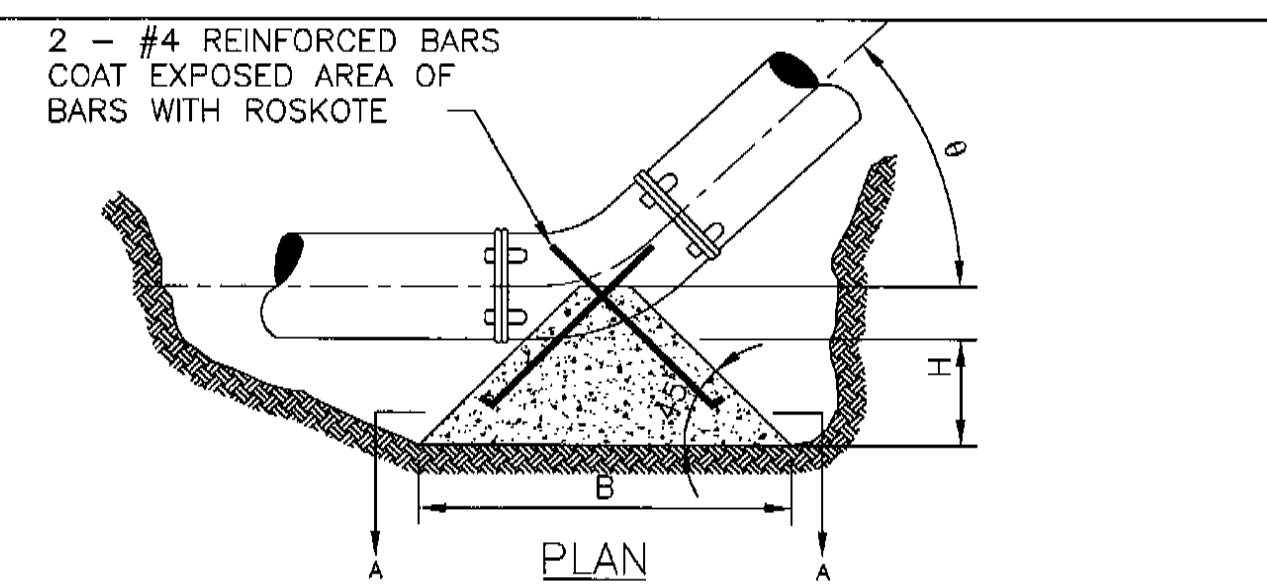
SKYLINE
ENGINEERING & CONSTRUCTION
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DATE	BY	REVISION
05-16-2017	MDC	DEKALB CO. WATERSHED & FIRE COMMENTS

City of Dunwoody
Baseball Facilities
at Brook Run Park

UTILITY DETAILS

DESIGNED: MDC	CHECKED: BJK	DATE: 04/12/2017	SCALE:
DRAWING NO.:	PROJECT NO.:	DRAWING TITLE:	
C-4.1			
SHEET	OF		



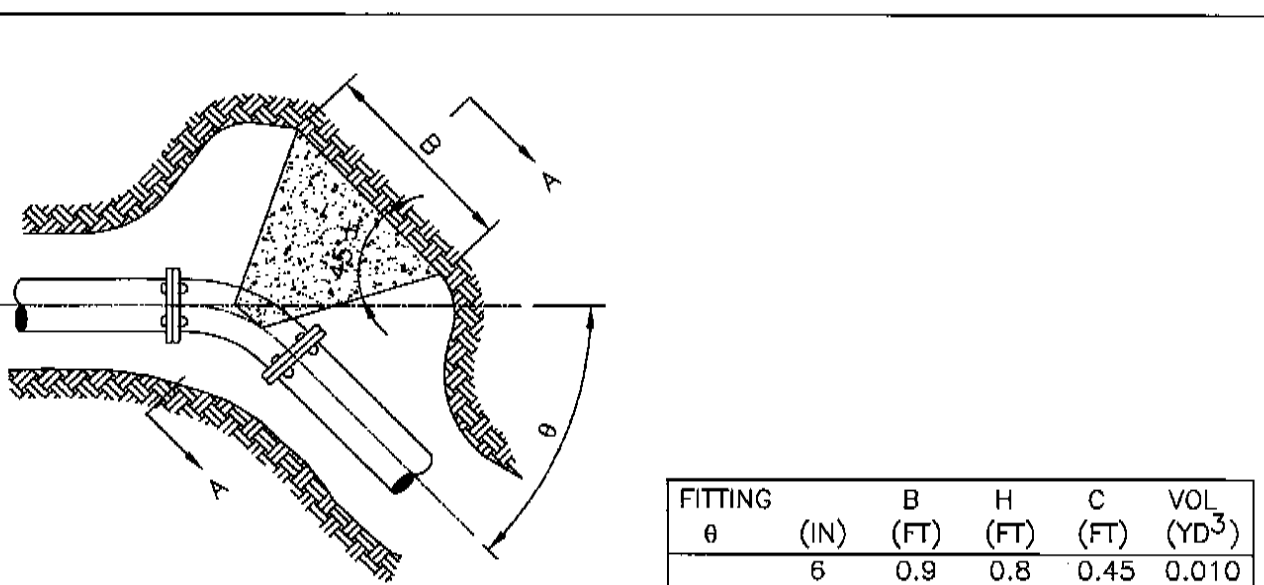
FITTING Ø	DIA (IN)	B (FT)	H (FT)	VOL (YD ³)
11-1/4	6	1.0	0.3	0.008
	8	1.2	0.4	0.012
	10	1.5	0.6	0.026
22-1/2	12	1.9	0.8	0.055
	16	2.4	1.0	0.110
	20	3.0	1.2	0.165
45	6	1.3	0.5	0.017
	8	1.7	0.7	0.039
	10	2.1	0.9	0.075
90	12	2.5	1.1	0.129
	16	3.2	1.6	0.308
	20	4.0	2.0	0.688

NOTE:

- DIMENSIONS OF THRUST BLOCKS WERE CALCULATED ASSUMING A STATIC PRESSURE OF 250 PSI, A DEPTH OF COVER OF 4 FT., AND A SOIL BEARING PRESSURE OF 2,000 PSF.
- DIMENSIONS SHOWN CAN BE VARIED AS FIELD CONDITIONS DICTATE, BUT IT IS IMPORTANT THAT THE CORRECT VOLUME AS SHOWN IN TABLE BE USED AND THAT ALLOWABLE SOIL BEARING PRESSURE NOT BE EXCEEDED.

DEKALB COUNTY, GA. Department of Watershed Management
STANDARD DETAILS
Blocking Detail Downward Thrust
 11/07

1 DOWNWARD THRUST BLOCKING
 C4.2 N.T.S.



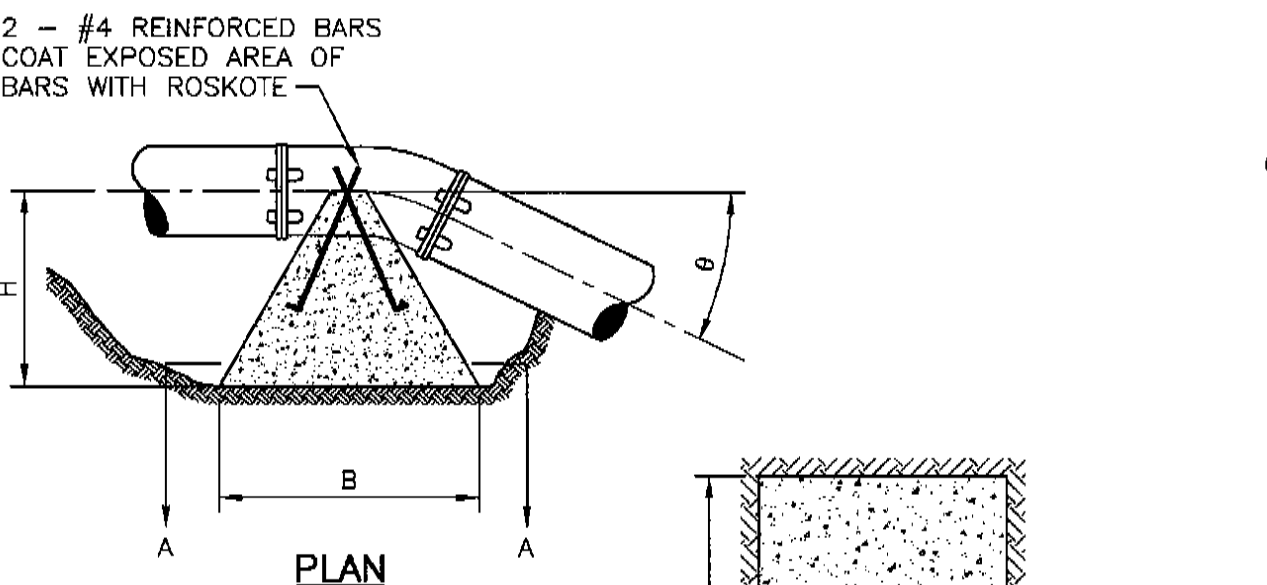
FITTING Ø	DIA (IN)	B (FT)	H (FT)	C (FT)	VOL (YD ³)
11-1/4	6	0.9	0.8	0.45	0.010
	8	1.2	1.1	0.60	0.022
	10	1.5	1.3	0.75	0.041
22-1/2	12	1.8	1.6	0.90	0.071
	16	2.3	2.2	1.15	0.149
	20	2.8	2.7	1.40	0.222
45	6	1.3	1.1	0.65	0.023
	8	1.7	1.9	1.05	0.097
	10	2.1	2.3	1.25	0.165
90	12	2.5	3.0	1.65	0.362
	16	3.3	3.3	2.25	0.887
	20	4.1	4.4	2.85	1.918
TEES	6	2.1	1.8	1.00	0.073
	8	2.6	2.5	1.30	0.170
	10	3.2	3.1	1.60	0.319
TEES	12	3.9	3.7	1.95	0.565
	16	5.1	5.0	2.55	1.303

NOTE:

- DIMENSIONS OF THRUST BLOCKS WERE CALCULATED ASSUMING A STATIC PRESSURE OF 250 PSI AND A SOIL BEARING PRESSURE OF 2,000 PSF.
- DIMENSIONS SHOWN CAN BE VARIED AS FIELD CONDITIONS DICTATE, BUT IT IS IMPORTANT THAT THE CORRECT VOLUME AS SHOWN IN TABLE BE USED AND THAT ALLOWABLE SOIL BEARING PRESSURE NOT BE EXCEEDED.

DEKALB COUNTY, GA. Department of Watershed Management
STANDARD DETAILS
Blocking Detail Horizontal Thrust
 11/07

2 HORIZONTAL THRUST BLOCKING
 C4.2 N.T.S.



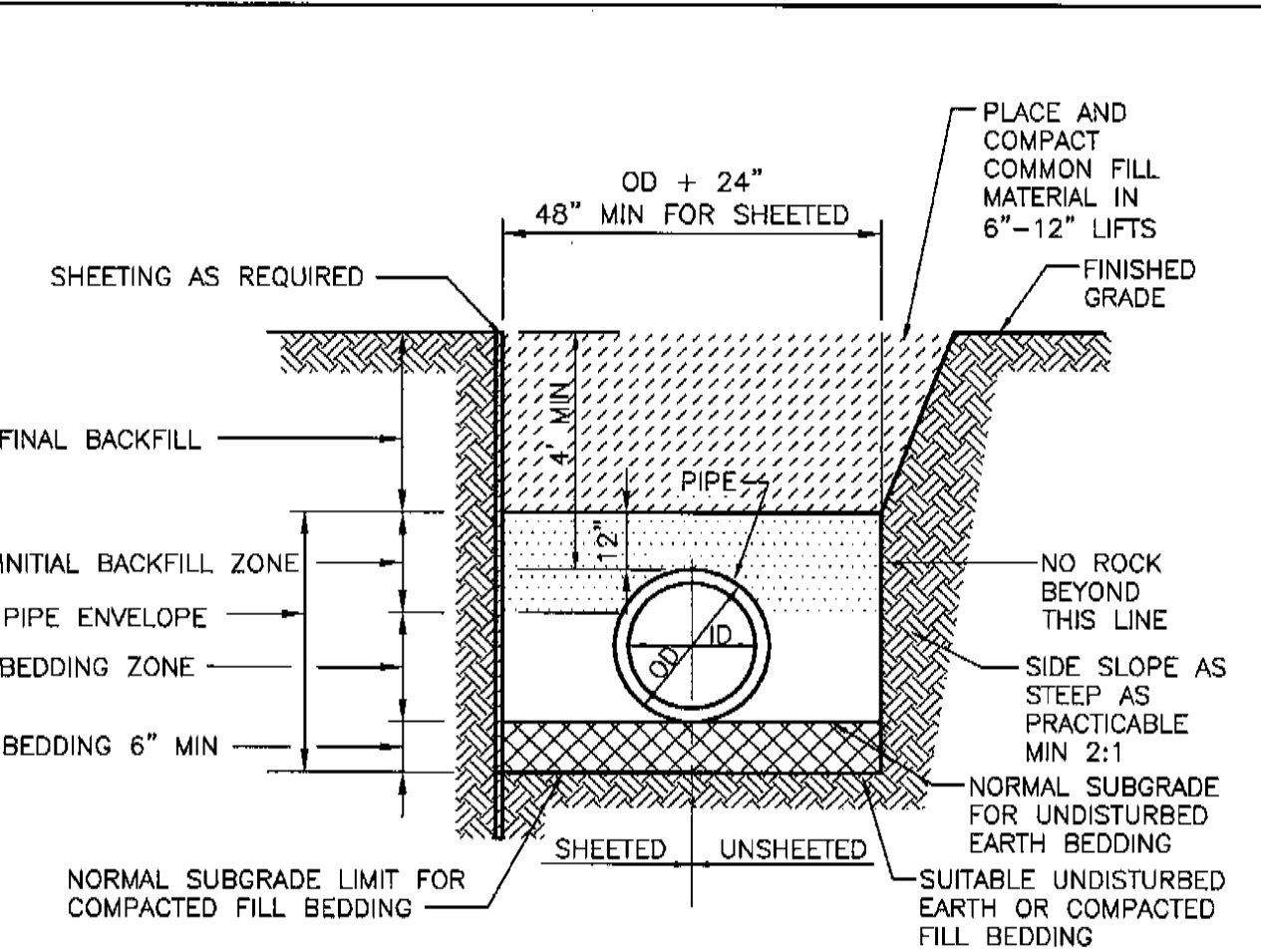
FITTING Ø	DIA (IN)	B (FT)	H (FT)	VOL (YD ³)
11-1/4	6	3.0	2.2	0.4
	8	3.5	2.4	0.6
	10	4.0	3.2	1.0
22-1/2	12	4.5	3.5	1.4
	16	5.0	4.8	2.4
	20	5.5	5.9	4.8
45	6	4.5	3.4	1.3
	8	4.0	3.9	1.2
	10	4.5	4.6	1.9
90	12	5.5	4.8	2.7
	16	6.5	5.9	4.8
	20	7.5	7.3	8.8

NOTE:

- VOLUME WAS CALCULATED NEGLECTING WEIGHT OF FITTING, WATER, AND BACKFILL USING A STATIC PRESSURE OF 250 PSI.
- DIMENSIONS OF BLOCK WERE CALCULATED ASSUMING A SOIL BEARING PRESSURE OF 2,000 POUNDS PER SQUARE FOOT.
- DIMENSIONS SHOWN CAN BE VARIED AS FIELD CONDITIONS DICTATE, BUT IT IS IMPORTANT THAT THE CORRECT VOLUME AS SHOWN IN TABLE BE USED AND THAT ALLOWABLE SOIL BEARING PRESSURE NOT BE EXCEEDED.

DEKALB COUNTY, GA. Department of Watershed Management
STANDARD DETAILS
Blocking Detail Upward Thrust
 11/07

3 UPWARD THRUST BLOCKING
 C4.2 N.T.S.

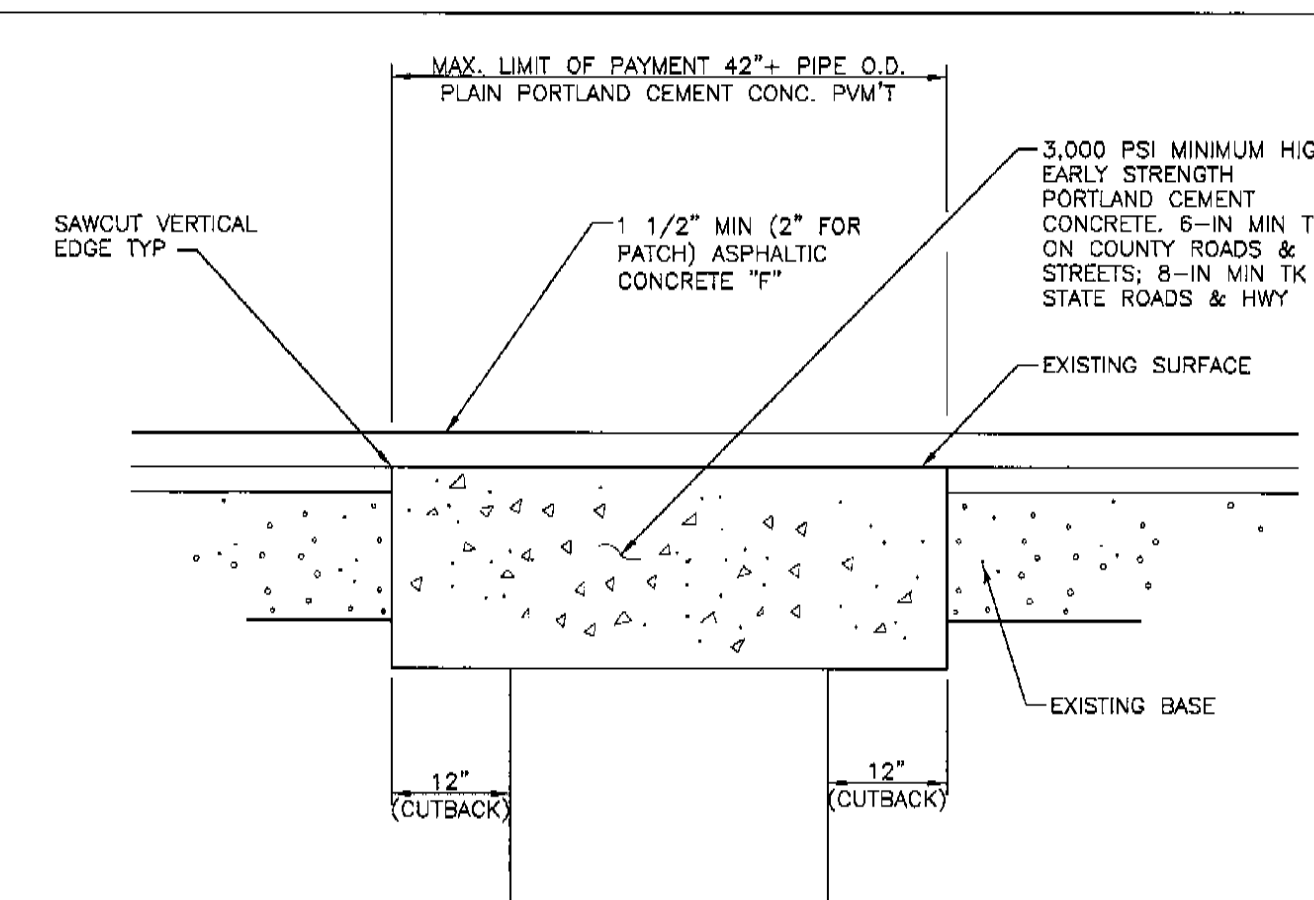


NOTE:

- SEE DESIGN STANDARDS FOR ADDITIONAL BEDDING AND TRENCH BACKFILL REQUIREMENTS.
- DEPTH OF COVER OVER WATER MAINS SHALL BE 4'-0" AS MEASURED FROM TOP OF PAVEMENT TO TOP OF PIPE.
- MINIMUM 6" COMPACTED SOIL BETWEEN BOTTOM OF PIPE AND ROCK.
- NO ROCK IN BACKFILL FOR FIRST 2'-0" ABOVE TOP OF PIPE.
- BEDDING AND BACKFILL TO BE NO. 57 STONE UNDER ROADWAYS AND PAVED AREAS.
- BEDDING TO BE GDOT TYPE II FOUNDATION BACKFILL.
- BACKFILL TO BE FREE OF ORGANICS, OBJECTIONABLE MATERIAL AND STONES LARGER THAN 6" IN ITS LONGEST DIMENSION.

DEKALB COUNTY, GA. Department of Watershed Management
STANDARD DETAILS
Backfill and Allowable Trench Widths Detail
 11/07

4 BACKFILL AND TRENCH WIDTHS
 C4.2 N.T.S.

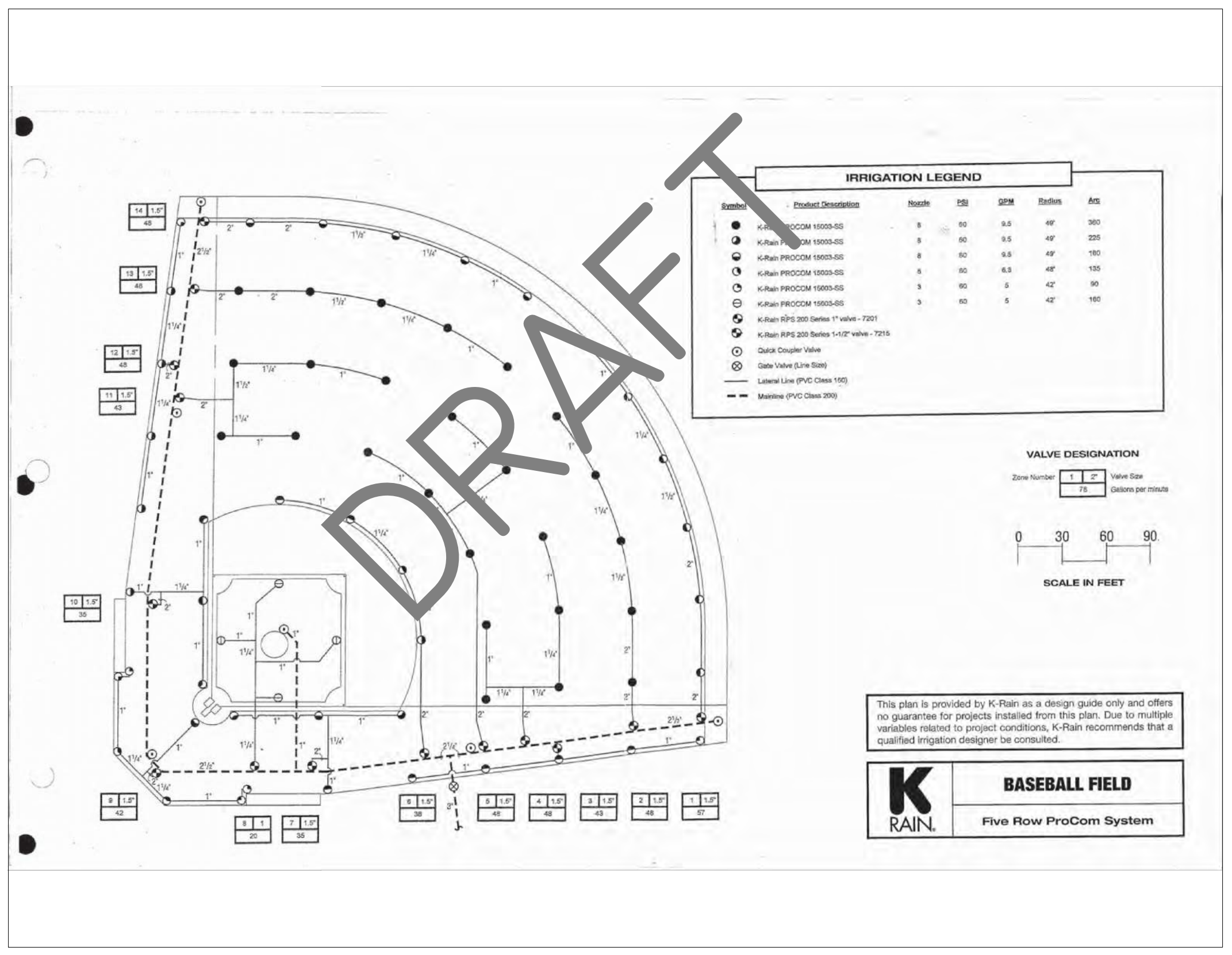


NOTE:

- SAW CUT EXISTING PAVEMENT TO PROVIDE STRAIGHT VERT. JOINTS.
- SURFACES TO BE CLEANED AND BITUMINOUS TACK COAT APPLIED BEFORE PLACEMENT OF ASPHALTIC TOP.
- FOR EXIST SURFACE OF PORTLAND CEMENT CONCRETE, FURNISH NEW SURFACE OF 3000 PSI COMPRESSIVE STRENGTH CONCRETE.
- ON LONGITUDINAL CUTS EXCEEDING 150 FEET, THE CONC IN THE TRENCH SHALL BE BROUGHT FLUSH WITH THE EXISTING PAVEMENT AND THE ENTIRE WIDTH OF ROADWAY RESURFACED W/ 1"-IN MIN TK OF ASPHALTIC CONC.

DEKALB COUNTY, GA. Department of Watershed Management
STANDARD DETAILS
Typical Patch and Resurfacing Detail
 11/07

5 PAVEMENT PATCH & RESURFACE
 C4.2 N.T.S.



6 SAMPLE FILED IRRIGATION - (ADD ALTERNATE)
 C4.2 N.T.S.

UTILITY DETAILS - WATER

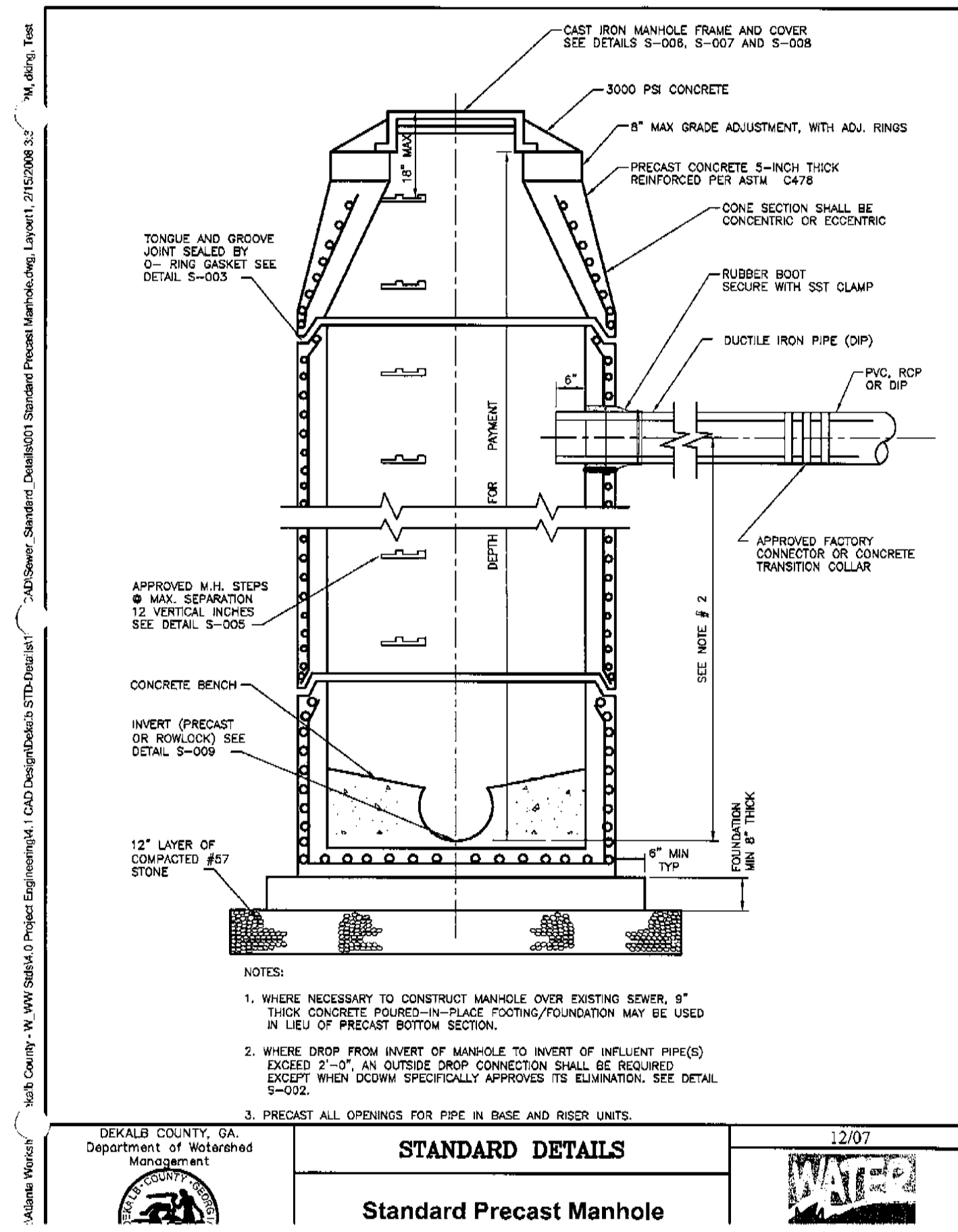
Robert and Company
 Engineers, Architects, Planners
 229 Peachtree Street, N.E., Suite 2000
 Atlanta, Georgia 30309
 404.574.4000 FAX: 404.577-7179
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05-16-2017 MDC DEKALB CO. WATERSHED & FIRE COMMENTS

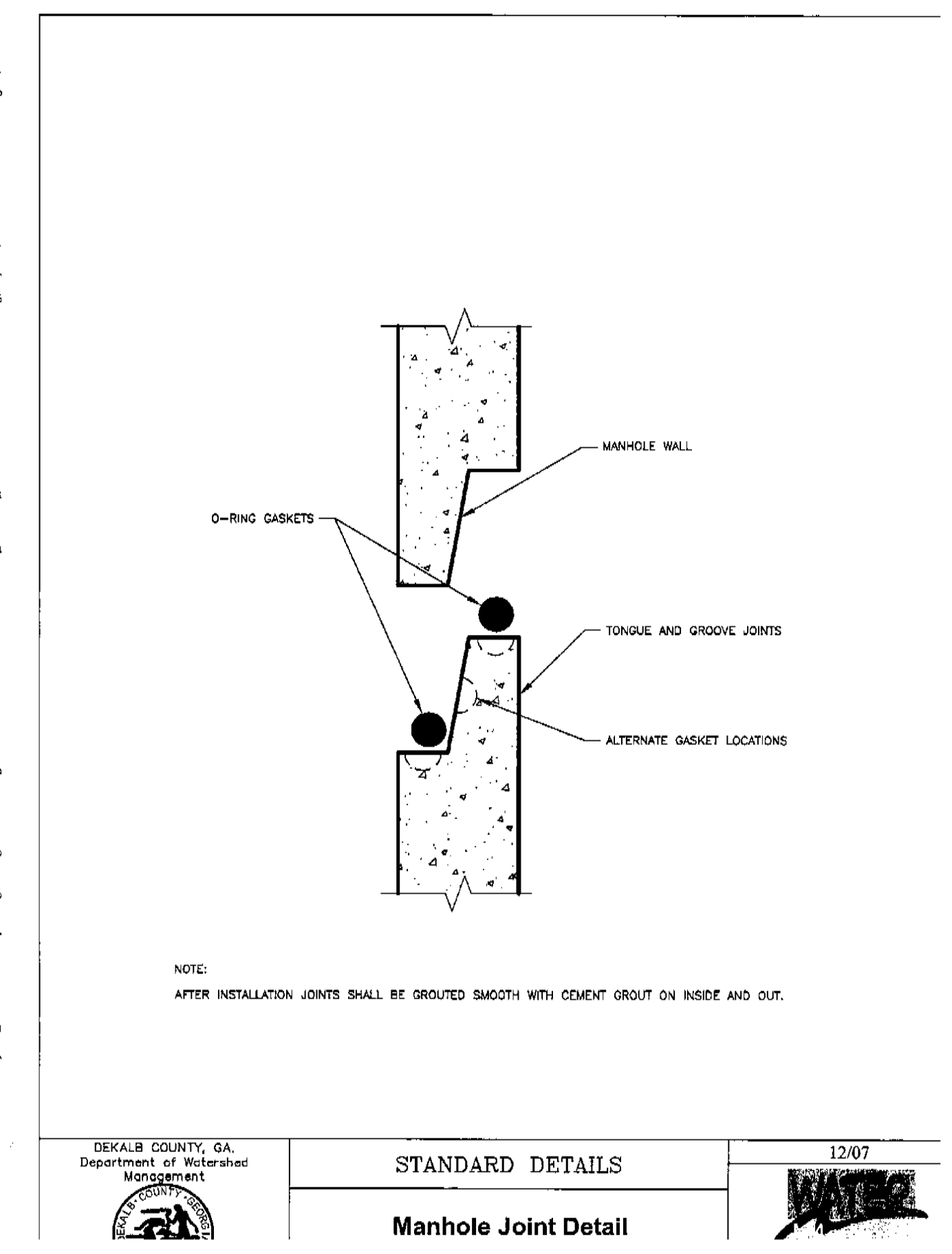
DESIGNED: MDC
 DRAWN: BKJ
 PROJECT NO.:
 CHECKED DATE: 04/12/2017
 SCALE:
 CLIENT: City of Dunwoody
 PROJECT: Baseball Facilities at Brook Run Park
 DRAWING TITLE: UTILITY DETAILS
 DRAWING NO.: C-4.2
 SHEET: OF

REGISTERED PROFESSIONAL ENGINEER
 No. 030386
 MARK D. COOKE



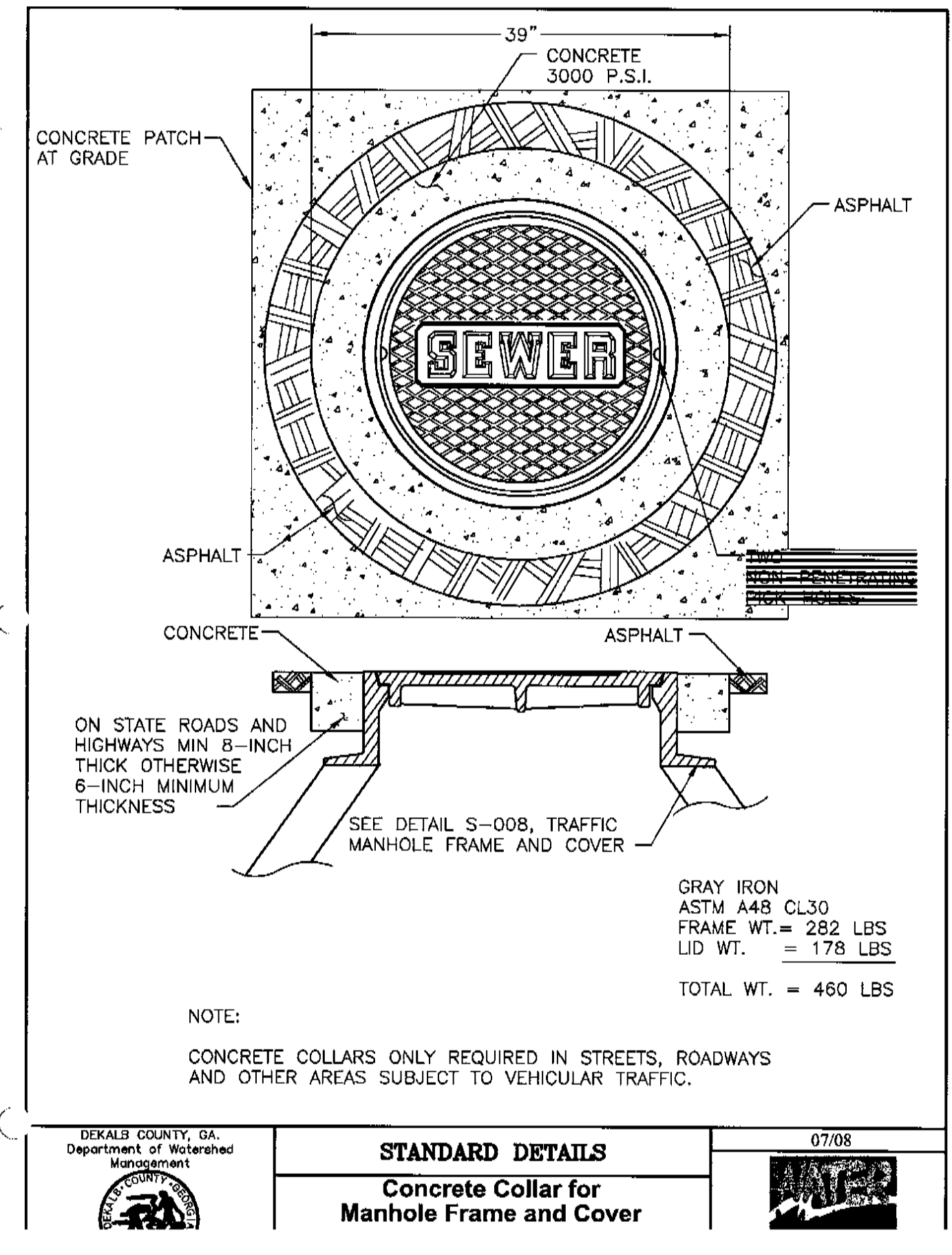
STANDARD DETAILS
Standard Precast Manhole
12/07

1
C4.3 PRECAST SEWER MANHOLE
N.T.S.



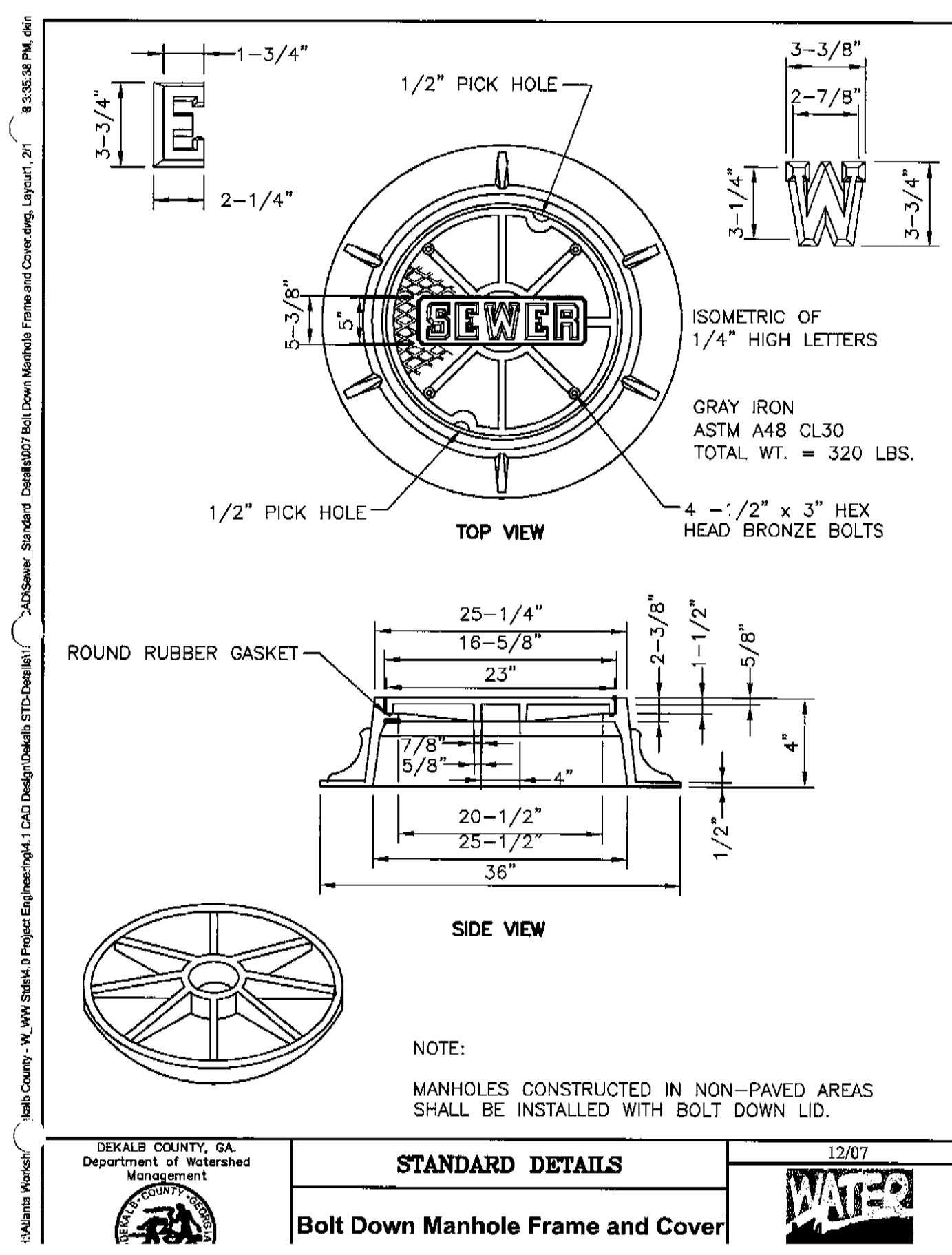
STANDARD DETAILS
Manhole Joint Detail
12/07

2
C4.3 MANHOLE JOINT
N.T.S.



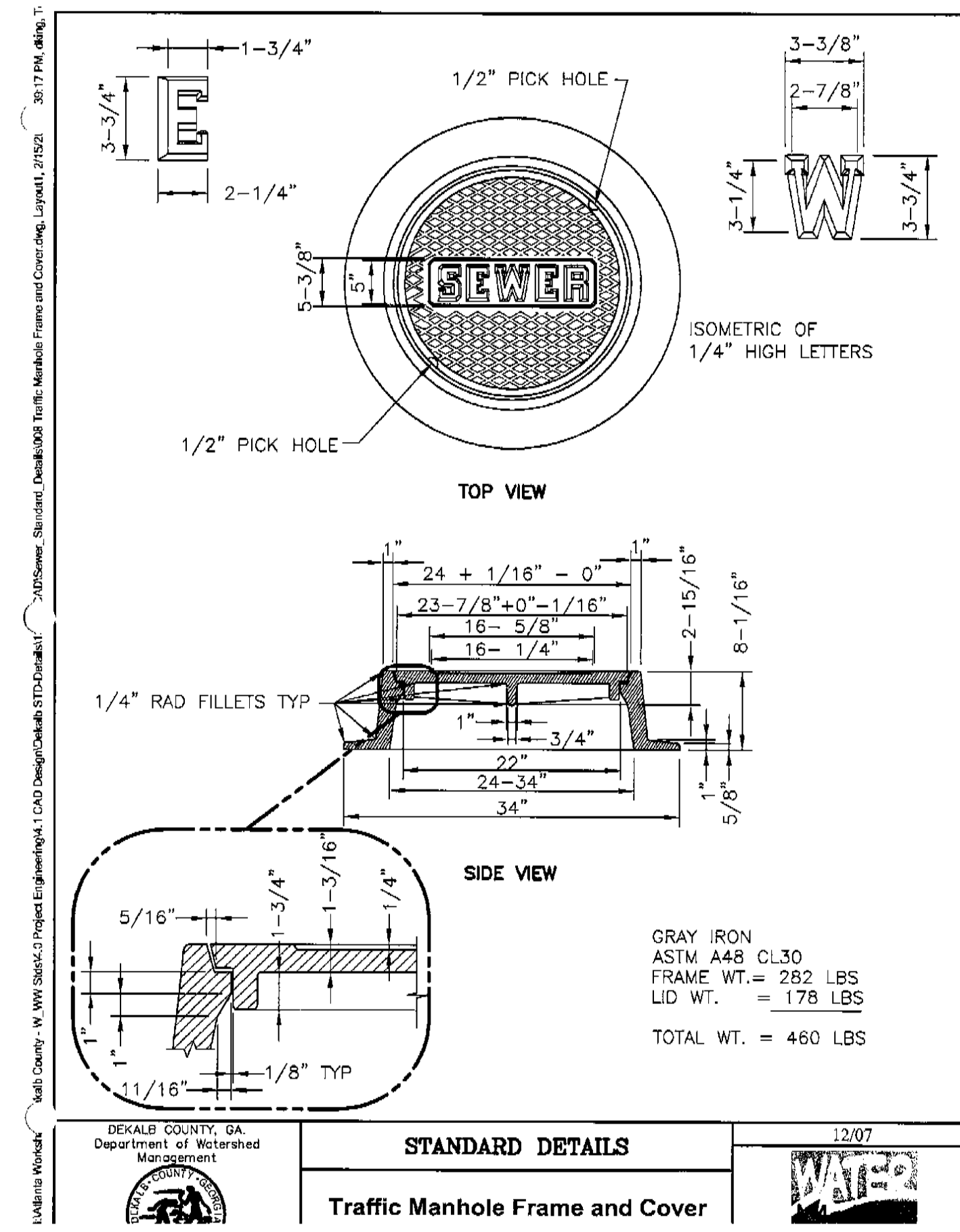
STANDARD DETAILS
Concrete Collar for Manhole Frame and Cover
07/08

3
C4.3 CONCRETE COLLAR
N.T.S.



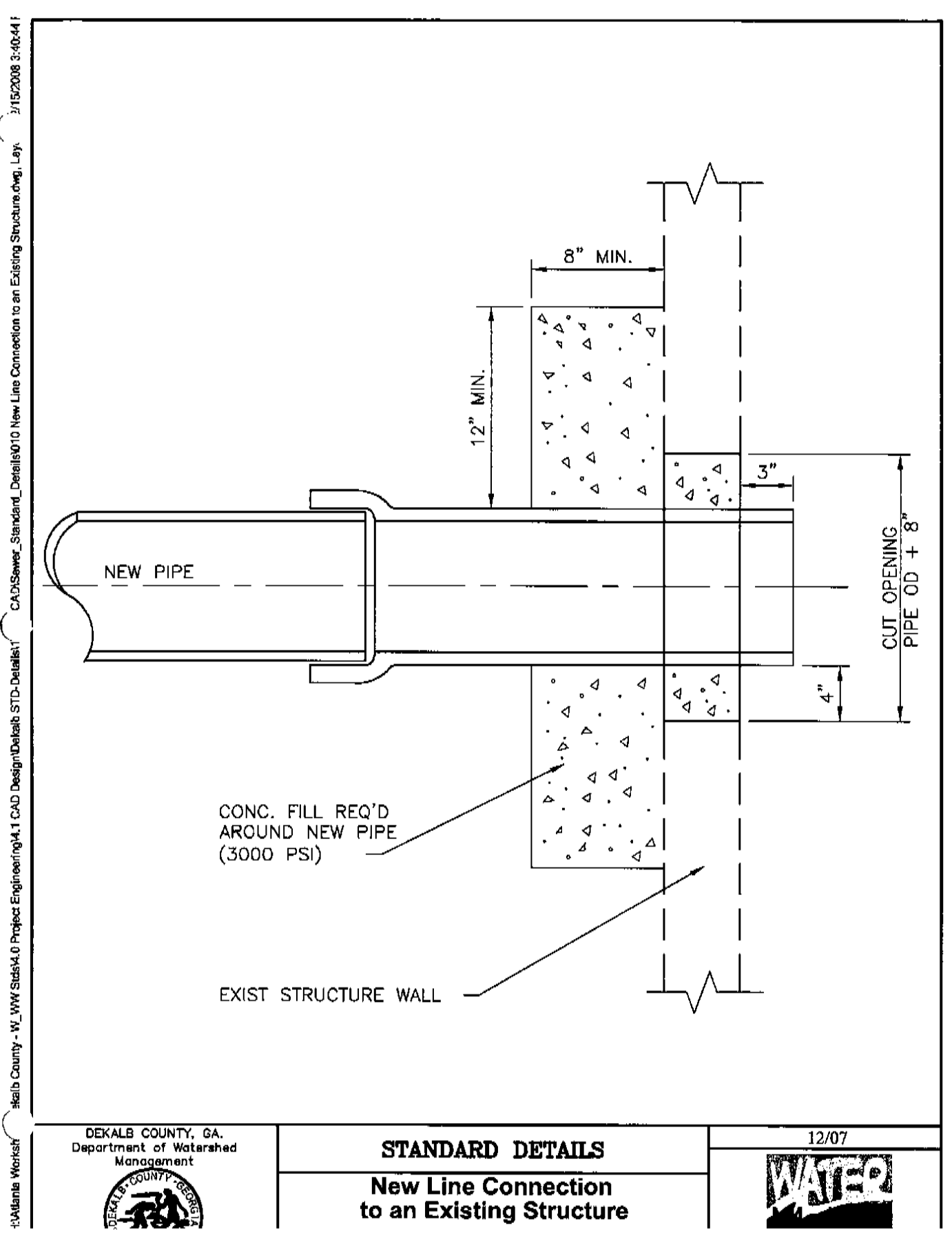
STANDARD DETAILS
Bolt Down Manhole Frame and Cover
12/07

4
C4.3 MANHOLE FRAME & COVER
N.T.S.



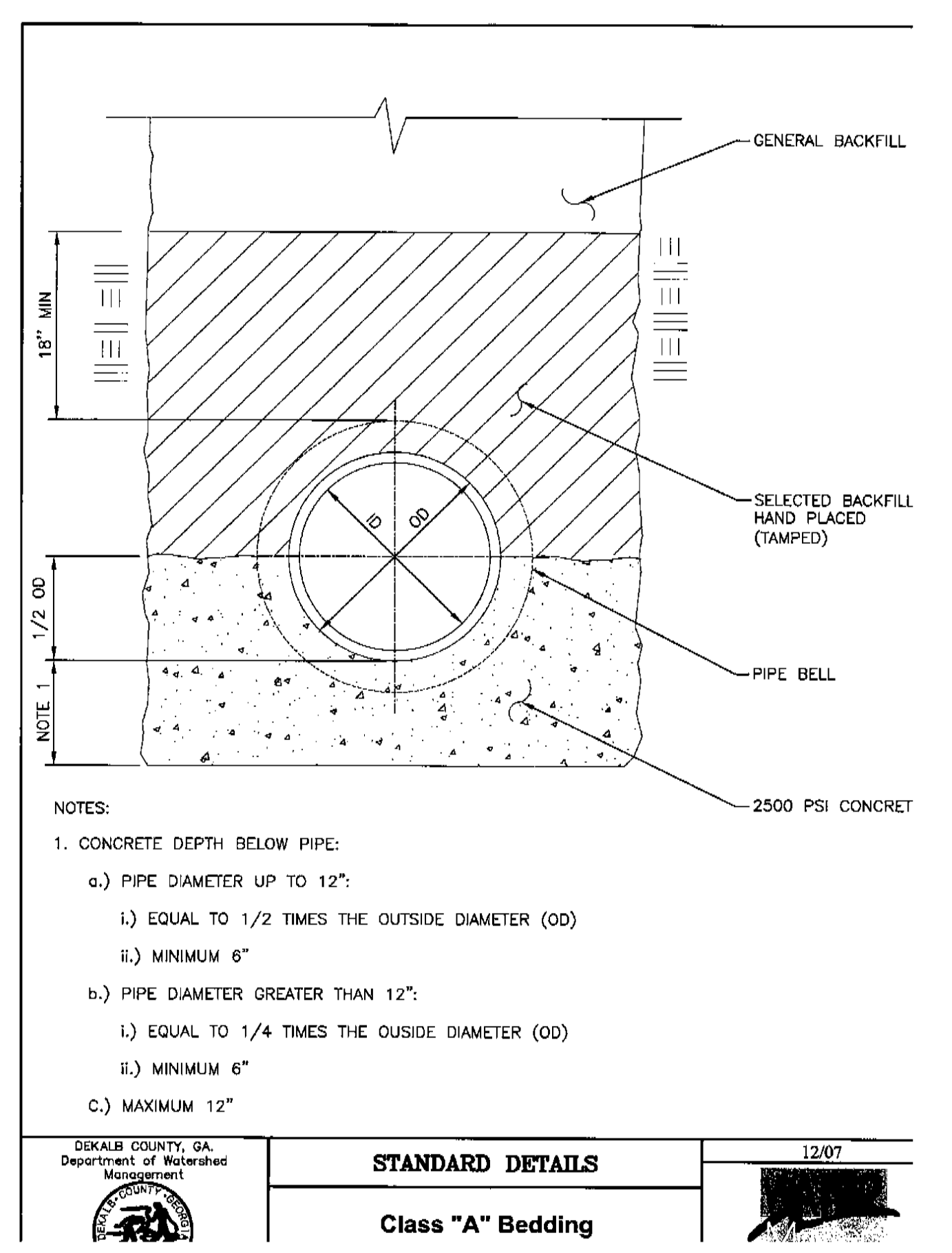
STANDARD DETAILS
Traffic Manhole Frame and Cover
12/07

5
C4.3 TRAFFIC MANHOLE COVER
N.T.S.



STANDARD DETAILS
New Line Connection to an Existing Structure
12/07

6
C4.3 CONNECTION TO EXISTING SEWER MANHOLE
N.T.S.



STANDARD DETAILS
Class "A" Bedding
12/07

7
C4.3 CLASS "A" BEDDING
N.T.S.

UTILITY DETAILS -SEWER

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DESIGNED	CHECKED	DATE	SCALE	PROJECT NO.	DRAWING TITLE
MDC	BKJ	04/12/2017			UTILITY DETAILS
DRAWING NO. C-4.3					
SHEET OF					

GEORGIA REGISTERED PROFESSIONAL ENGINEER
No. 030386
Mark D. Cooke
MARK D. COOKE

City of Dunwoody

Baseball Facilities
at Brook Run Park

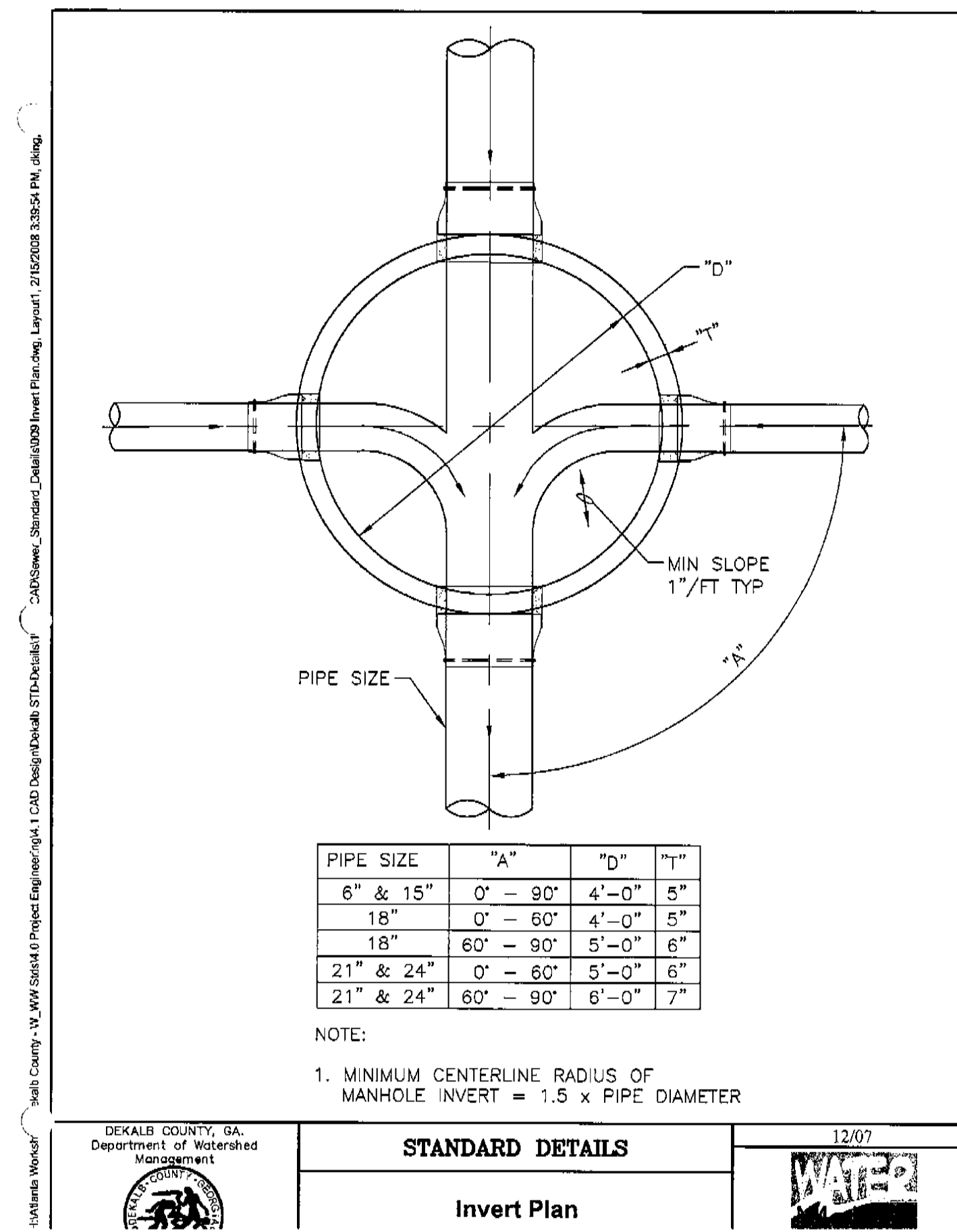
CLIENT: DEKALB CO. WATERSHED & FIRE COMMENTS

DATE: _____

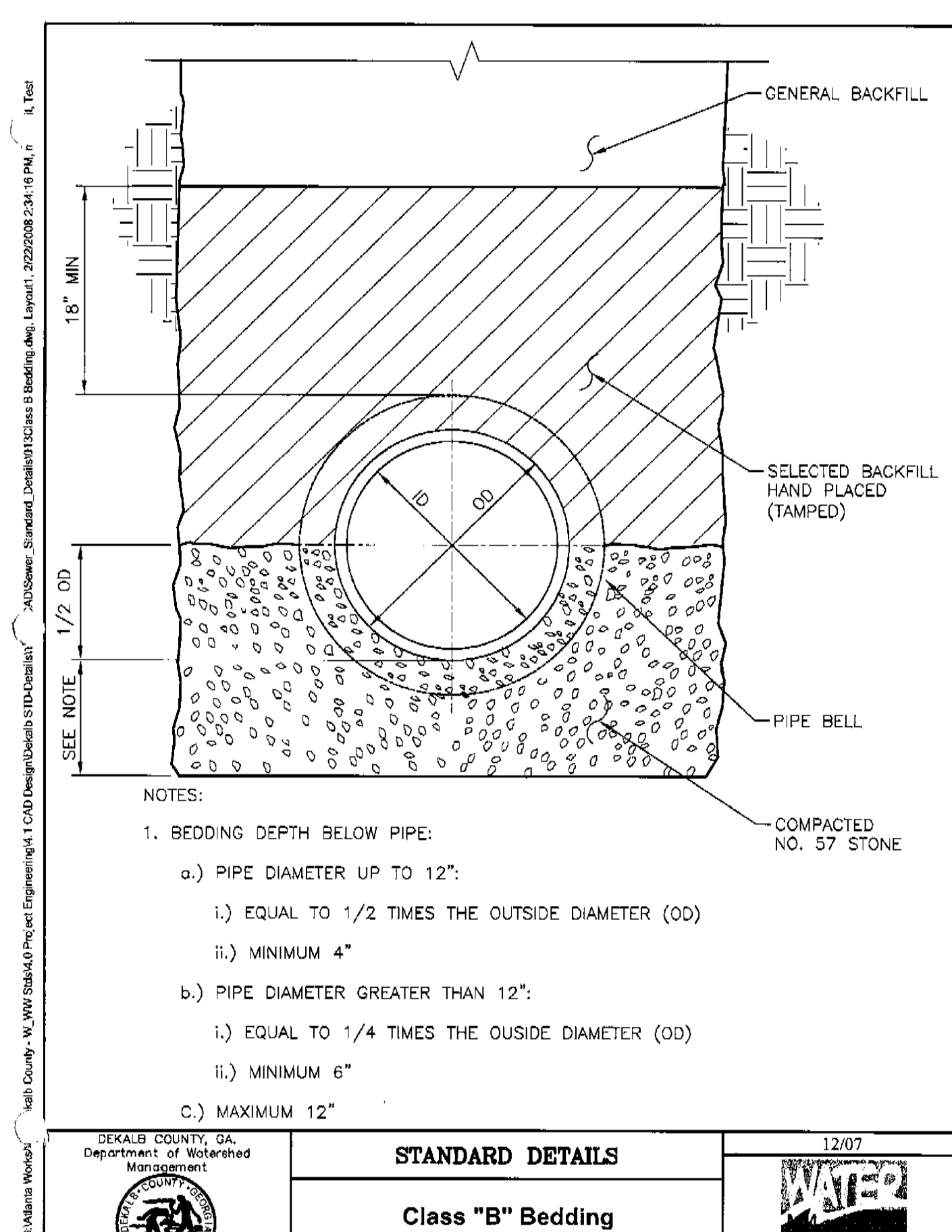
BY: _____

SYMBOL: _____

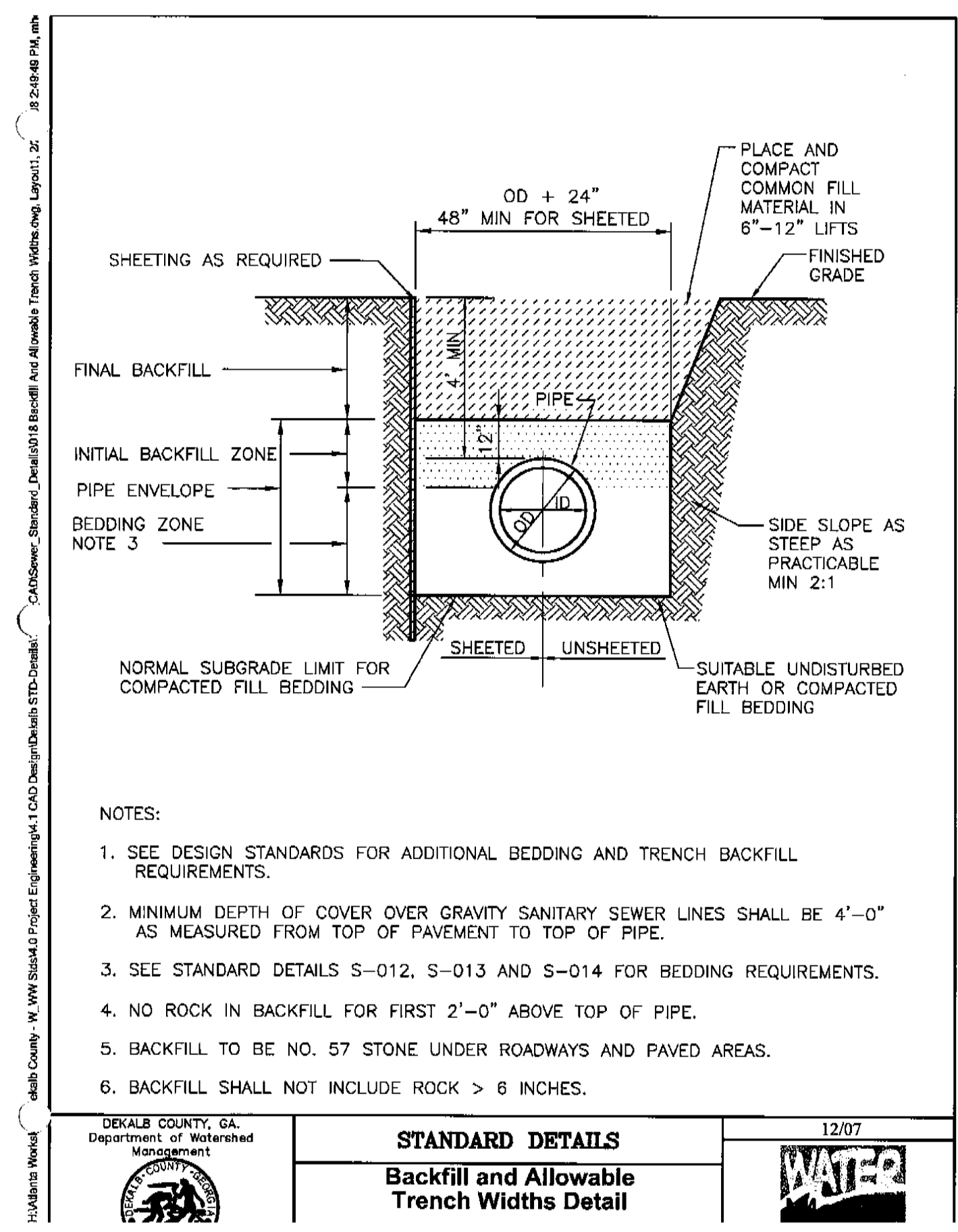
REVISION: _____



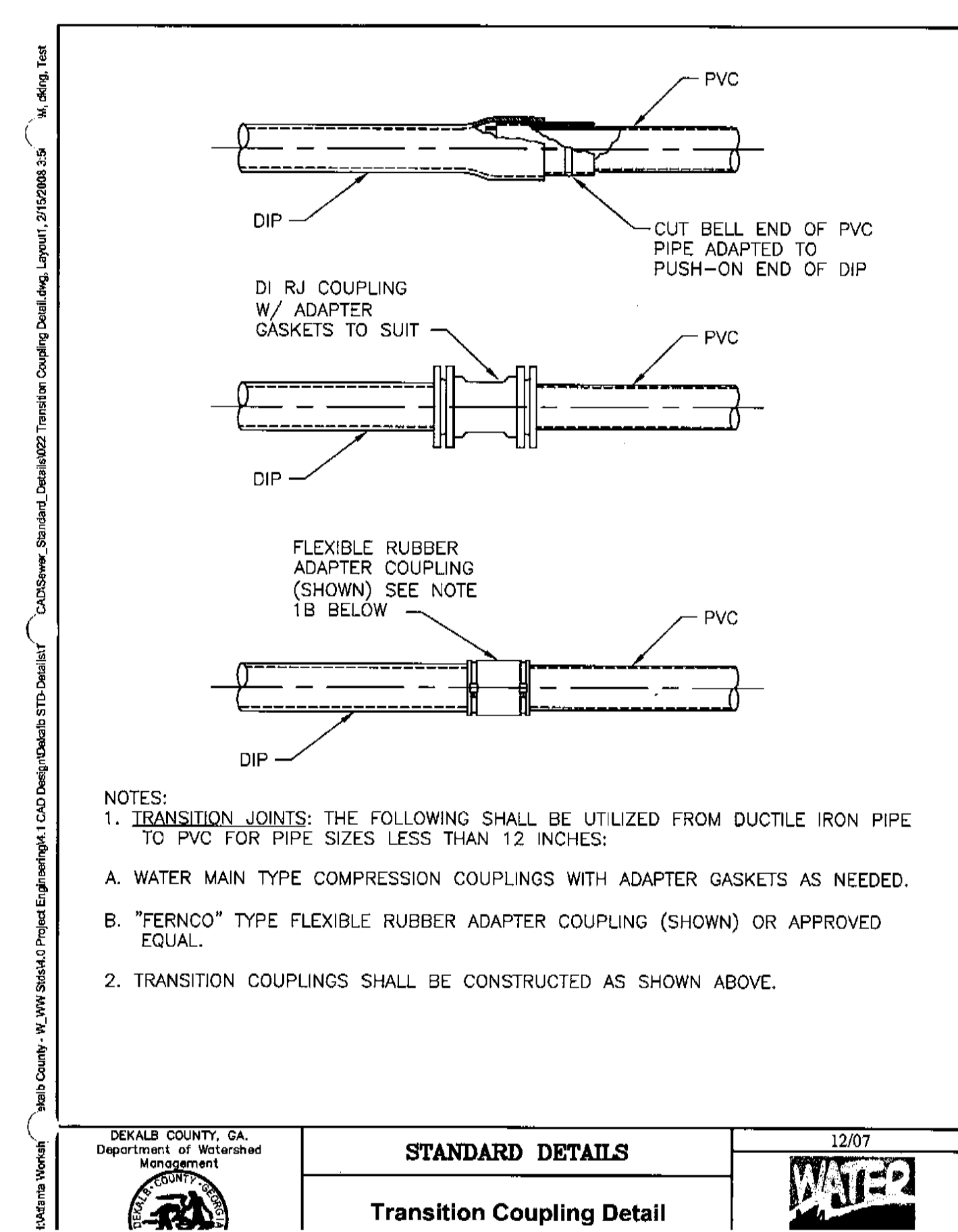
1 SEWER INVERT PLAN
C4.4 N.T.S.



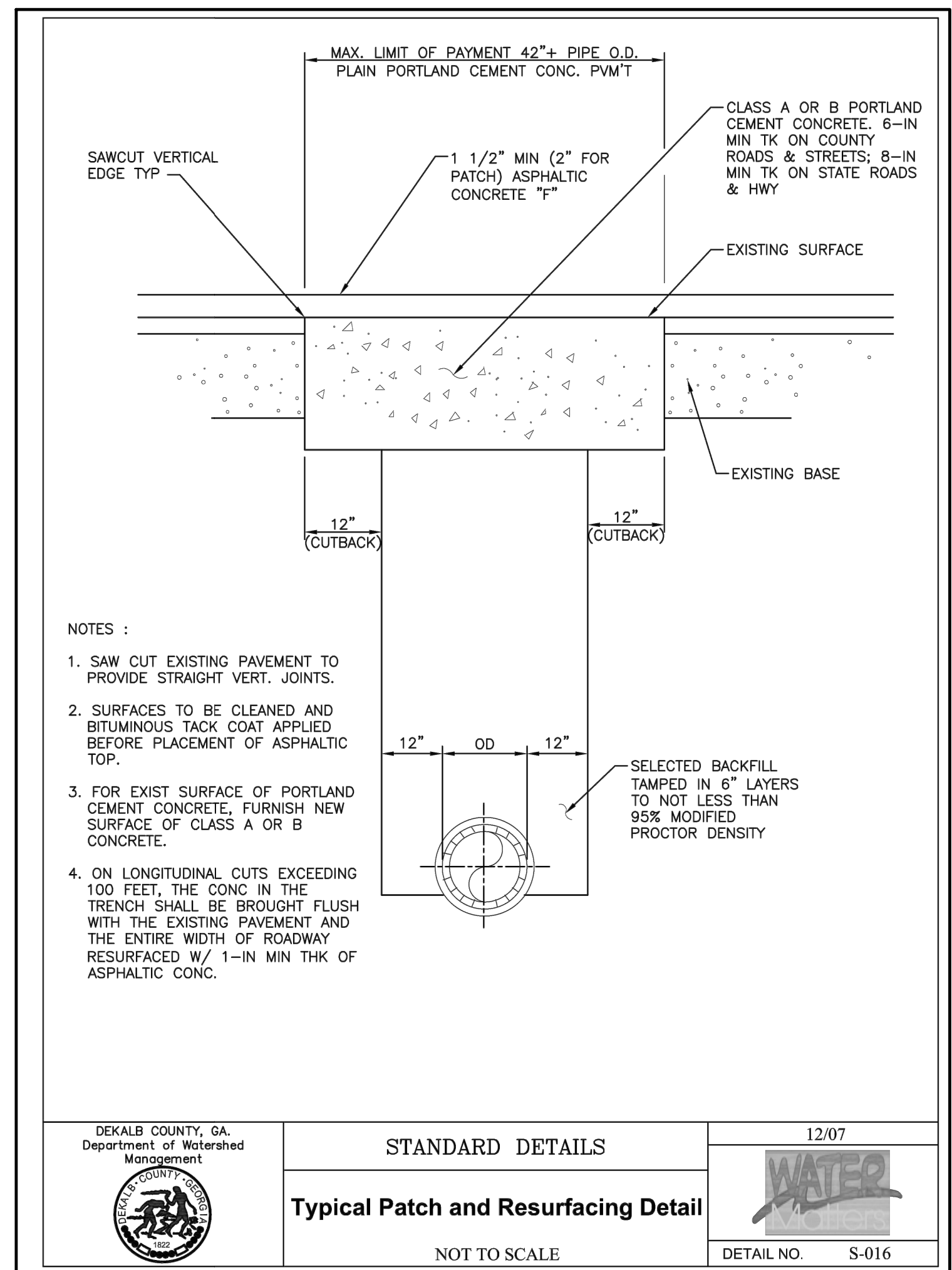
2 CLASS "B" BEDDING
C4.4 N.T.S.



3 BACKFILL AND TRENCH WIDTHS
C4.4 N.T.S.



4 TRANSITION COUPLING
C4.4 N.T.S.



5 PAVEMENT PATCH AND RESURFACE
C4.4 N.T.S.

UTILITY DETAILS -SEWER

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Professional Engineers, Architects, Planners
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Atlanta, Georgia 30309
404.577.4000 FAX: 404.577.7119

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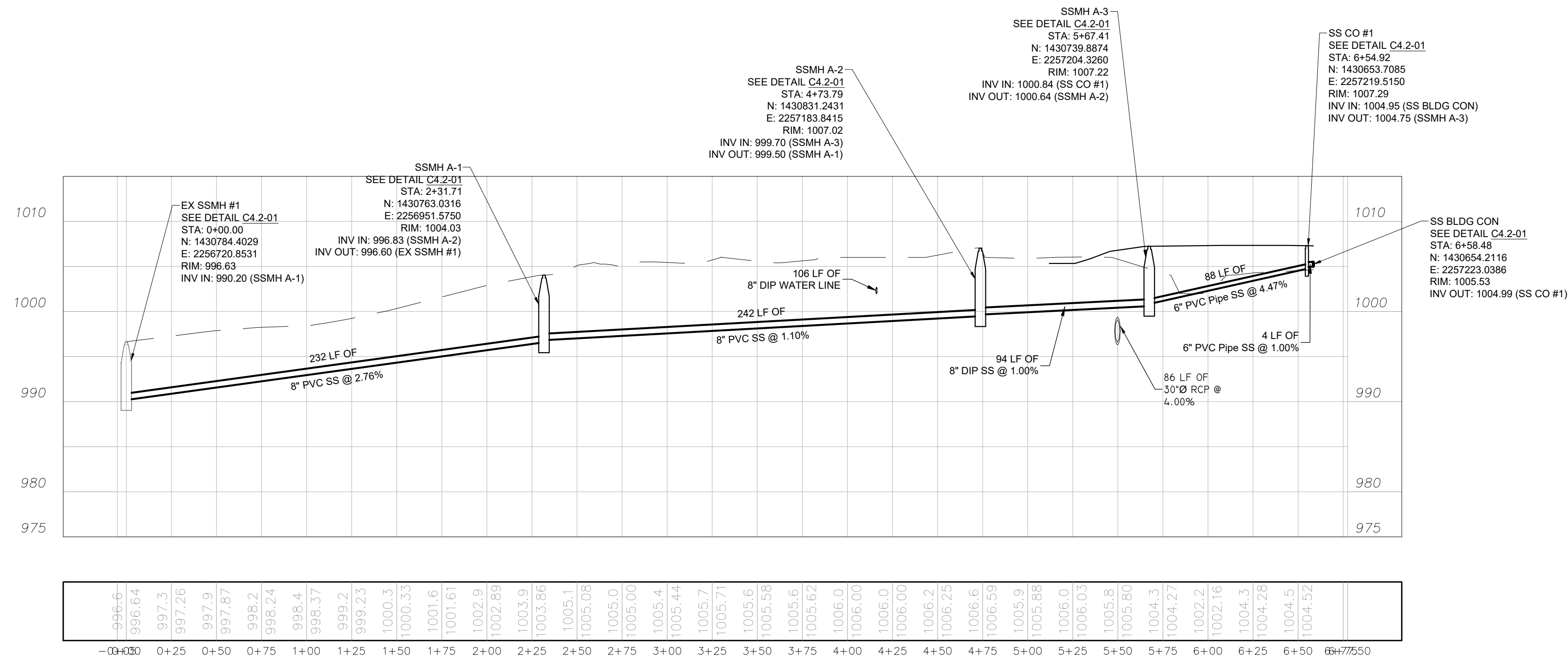
DATE	SYMBOL	DATE	BY	REVISION
04-13-2017	MDC	PRICING SET		
04-26-2017	MDC	ADDENDUM #1		
05-05-2017	MDC	ADDENDUM #3		
05-11-2017	MDC	ADDENDUM #4		
06-21-2017	RAC	DUNWOODY BUILDING PERMIT		
07-27-2017	MDC	DUNWOODY LDP COMMENTS		

City of Dunwoody
Baseball Facilities
at Brook Run Park

CLIENT: City of Dunwoody
PROJECT: Baseball Facilities at Brook Run Park

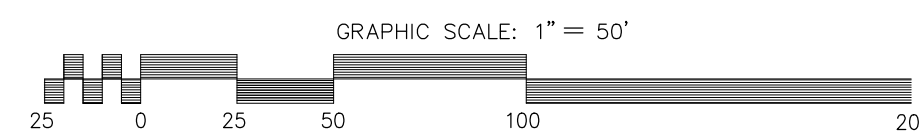
DESIGNED: MDC
DRAWN: BJK
CHECKED: BJK
DATE: 04/12/2017
SCALE:
DRAWING TITLE: UTILITY DETAILS
DRAWING NO.: C-4.4
SHEET: OF

DEKALB COUNTY, GA. Department of Watershed Management
12/07
STANDARD DETAILS
Typical Patch and Resurfacing Detail
NOT TO SCALE
DETAIL NO. S-016

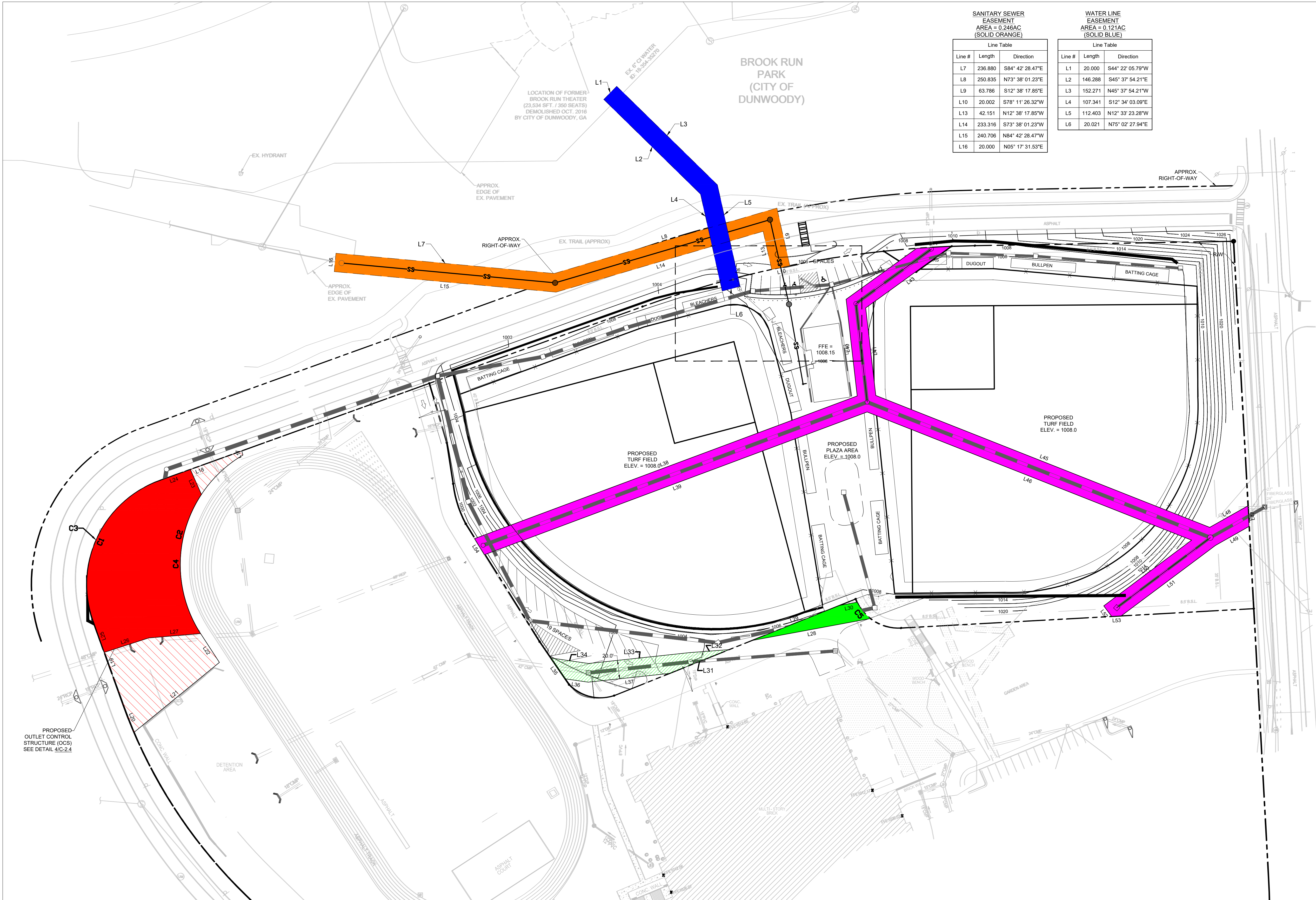


SAN EXMH #1 TO BLDG CON
 SCALE (H): 1" = 1'
 SCALE (V): 1" = 5'

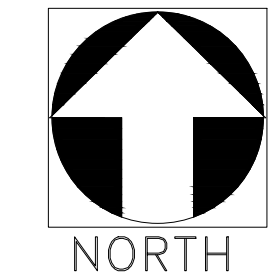
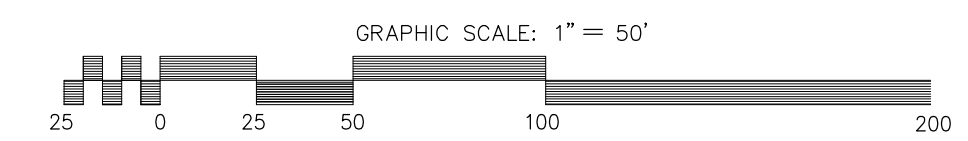
UTILITY PROFILES



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05-16-2017 07-19-2017 08-04-2017 09-19-2017	MDC MDC MDC MDC	DEKALB CO. WATERSHED & FIRE COMMENTS MINOR REVISIONS TO WATER & SEWER LAYOUT DEKALB CO. COMMENTS (AP 938613 & 942813) RESUBMITTAL TO DEKALB COMMENTS 8/14/17	DATE BY REVISION
 City of Dunwoody PROJECT: Baseball Facilities at Brook Run Park			
DESIGNED / DRAWN MDC / BJK	CHECKED / DATE MDC / 04/12/2017	PROJECT NO. UTILITY PROFILES	DRAWING NO. C-4.5
SHEET		OF	



UTILITY EASEMENT PLAN



NOTE:
ALL PERMANENT EASEMENTS ARE SOLID SHADE.
TEMPORARY EASEMENTS ARE HATCHED.

SANITARY SEWER EASEMENT
AREA = 0.246AC
(SOLID ORANGE)

Line #	Length	Direction
L7	236.880	S84° 42' 28.47"E
L8	250.835	N73° 38' 01.23"E
L9	63.786	S12° 38' 17.85"E
L10	20.002	S78° 11' 26.32"W
L13	42.151	N12° 38' 17.85"W
L14	233.318	S73° 38' 01.23"W
L15	240.706	N84° 42' 28.47"W
L16	20.000	N05° 17' 31.53"E

WATER LINE EASEMENT
AREA = 0.121AC
(SOLID BLUE)

Line #	Length	Direction
L1	20.000	S44° 22' 05.79"W
L2	146.288	S45° 37' 54.21"E
L3	152.271	N45° 37' 54.21"W
L4	107.341	S12° 34' 03.09"E
L5	112.403	N12° 33' 23.28"W
L6	20.021	N75° 02' 27.94"E

PERMANENT DRAINAGE EASEMENT @ POND
AREA = 0.379
(SOLID RED)

Line #	Length	Direction
L23	29.505	N23° 52' 39.78"W
L24	40.817	S70° 06' 45.42"W
L25	34.477	S18° 52' 44.76"E
L26	50.721	N72° 00' 49.22"E
L27	56.332	N85° 11' 02.14"E

TEMPORARY CONSTRUCTION EASEMENT @ POND
AREA = 0.568AC
(RED HATCH)

Line #	Length	Direction
L17	4.651	N15° 34' 09.68"W
L18	99.866	S70° 06' 45.42"W
L19	94.952	S19° 27' 56.29"E
L20	31.815	S21° 28' 43.79"E
L21	119.570	N50° 43' 03.94"E
L22	36.553	N33° 04' 17.30"W

DRAINAGE EASEMENT @ FIRE LANE
AREA = 0.033AC
(SOLID GREEN)

Line #	Length	Direction
L28	129.810	S79° 29' 08.01"W
L29	102.108	N68° 11' 23.91"E
L30	18.741	S79° 29' 08.01"W

DRAINAGE EASEMENT TO DC38 @ PARKING LOT
AREA = 0.071AC
(GREEN HATCH)

Line #	Length	Direction
L31	69.012	N88° 11' 42.09"E
L32	42.806	S85° 41' 57.31"W
L33	109.830	S83° 50' 27.39"W
L34	41.641	N81° 41' 13.28"W
L35	27.254	N34° 28' 36.70"W
L36	25.667	N81° 41' 13.28"W
L37	88.698	S83° 50' 27.39"W

DRAINAGE EASEMENT BYPASS LINE "B"
AREA = 0.559 AC
(PURPLE HATCH)

Line #	Length	Direction
L38	441.271	N69° 32' 46.70"E
L39	441.364	S69° 32' 46.70"W
L40	105.125	N06° 34' 02.32"W
L41	95.243	S06° 34' 02.32"E
L42	93.863	N54° 09' 22.93"E
L43	113.422	S54° 09' 22.93"W
L44	37.123	N86° 45' 17.26"E
L45	387.977	S68° 27' 06.85"E
L46	376.994	N68° 27' 06.85"W
L47	22.307	S03° 09' 00.00"E
L48	47.347	N60° 33' 48.78"E
L49	41.592	S60° 33' 48.78"W
L50	118.572	N53° 11' 13.15"E
L51	127.066	S53° 11' 13.15"W
L52	14.160	N36° 48' 46.85"W
L53	10.535	S86° 51' 00.00"W
L54	20.376	N31° 28' 50.35"W

DESIGNED: MDC
DRAWN: BKC
CHECKED: MDC
DATE: 04/12/2017

PROJECT NO.
SCALE

DRAWING TITLE
UTILITY EASEMENT PLAN

SHEET OF
C-4.6

CLIENT: City of Dunwoody

PROJECT: Baseball Facilities at Brook Run Park

05-16-2017 MDC DEKALB CO. WATERSHED & FIRE COMMENTS

07-19-2017 MDC MINOR REVISIONS TO WATER & SEWER LAYOUT

08-04-2017 MDC DEKALB CO. COMMENTS (AP 938613 & 942813)

SYMBOL

DATE

BY

REVISION

Robert and Company
Engineers, Architects, Planners
229 Peachtree Street, N.E., Suite 2000
Atlanta, Georgia 30309
404.577.4600 FAX: 404.577.7119

SKYLINE
ENGINEERING & CONSTRUCTION
P.888.706.0661 F.770.217.7530 www.skyline-ec.com



DeKalb County
GEORGIA

770.621.7200 (o) Watershed Management
770.621.7271 (f) 1580 Roadhaven Drive
DeKalbCountyga.gov Stone Mountain, GA 30083

LETTER SHOWING SEWER CAPACITY

May 17, 2017

Attention: Brenda Johnson
Skyline Engineering & Construction
6755 Peachtree Ind. Blvd., #250
Atlanta, Georgia 30360

Re: 4635 Barclay Dr.
18th Dist, LL 354
Baseball Facility-Brook Run Park
Nancy Creek Basin

Chief Executive Officer
Michael Thummond
Board of Commissioners
District 1
Nancy Jester
District 2
Jeff Rader
District 3
Larry Johnson
District 4
Stephen Bradshaw
District 5
Mereda Davis Johnson
District 6
Kathie Gannon
District 7
Gregory Adams Sr.

Dear Ms. Johnson:

The DeKalb County Department of Watershed Management ("DWM") received a sewer capacity request regarding the potential availability of sanitary sewer capacity at the above-referenced location. In response to the inquiry, DWM staff confirms that sanitary sewer capacity may be available for the subject property at this time. Due to the fact that your proposed development decreases the existing sewer flow by 150 GPD, approval to proceed with the project has been granted with regards to sanitary sewer capacity. Please note that the determination of available capacity expressed herein is not guaranteed as it is based upon the known conditions as of the date of this correspondence and on the provided anticipated capacity needs associated with the project.

In the event that sewer system infrastructure improvements are required to accommodate the new flow contribution and ensure adequate sewer system capacity as a result of development on the referenced property, the developer will be responsible for the cost associated with installing any such improvements to the existing sewer system infrastructure pursuant to DeKalb County Code of Ordinances, Chapter 25, Article IV "Sewers and Sewerage Disposal". Once installed and accepted by DeKalb County, the improvements will be owned and maintained by DeKalb County.

This information is based on currently available data and should only be used to substantiate the potential availability of sewer services as of the date of this correspondence. Circumstances are subject to change and the potential capacity indicated herein is in no way guaranteed.

Should you have any questions or concerns in reference to this response, please do not hesitate to contact the Division of Planning & Development of DWM at rlaguaita@dekalbcountyga.gov.

Sincerely,

Scott A. Towler
Scott A. Towler, P.E.
Director
Department of Watershed Management

Bob Givens

SEWER CAPACITY EVALUATION REQUEST
Department of Watershed Management

Project Information:
Project Address: 4635 Barclay Drive, Dunwoody, GA 30338
Project Name: Baseball Facilities Brook Run Park
Type of Development: Government
Intended Tie-In Manhole: 18-354-s017
Land Lot and Parcel ID: 18 354 14 003
Total Peak Flow Requesting: -580 GPD
County District: 18th

Developer's Information:
Company Name: City of Dunwoody, GA
Address: 41 Perimeter Ctr East, #250
Contact Name: Brent Walker
City, State, Zip Code: Dunwoody, GA 30346
Phone Number: 678-382-6857
Email Address: brent.walker@dunwoodyga.gov

Engineering Firm's Information:
Company Name: Skyline Engineering & Constructi
Address: 6755 Peachtree Ind. Blvd #250
Contact Name: Brenda Johnson, P.E.
City, State, Zip Code: Atlanta, GA 30360
Phone Number: 404-604-4216
Email Address: bjohnson@skyline-ec.com

- Proposed Peak Daily Flow Calculation based on attached guidelines (See Appendix A)
- Existing Developments
- New Conditions
- Separate detailed calculation sheet signed by the owner or owner's representative for each project (See Appendix B)
- Estimate of anticipated peak hour flow and instantaneous peak hour flow for each industrial, commercial, and mixed-use project, and for each residential project that is over four stories in height
- Geographical Information System (GIS) map clearly showing the proposed site (s) surrounds areas, and utilities
- Proposed utility plan, if available

Name: Mark D. Cooke, P.E.
Date: 4/18/2017
Signed: *Mark D. Cooke*
Seal:

Internal Use Only
Date Capacity Request Reviewed and Accepted: _____
Received By: _____
Signed: _____

Sewer Capacity Evaluation Request - Baseball Facilities at Brook Run Park
4625 Barclay Drive, Dunwoody, GA 30038
Developer: City of Dunwoody - Parks and Recreation Department
DeKalb Permit Review: #936613

1) Gravity Sewer Sizing:
a) Proposed sewer main located in the right-of-way of Barclay Drive - sized to min. 8" DIP per under roadway requirements
b) Design Basis
EXISTING USE:
Average Daily Flow: Theatre, per table DeKalb Appendix B= 5 GPD / seat
Theatre = 350 seats
Avg Daily Flow= 1750 GPD Existing
Peak Flow (GPD): Peaking Factor (PF): P= 0.350
P=Population (thousands) P= 4.090
PF = ((1.8 + sqrt(P)) / (4 + 5*sqrt(P)))
1,750 GPD ADF x PF (4.0664) = Peak Flow= 7086 GPD Existing
PROPOSED USE:
Average Daily Flow: Sports Stadiums, per Appendix B= 5 GPD / seat
Ballfields = 320 total seats
Avg Daily Flow= 1600 GPD Proposed
Peak Flow (GPD): Peaking Factor (PF): P= 0.320
P=Population (thousands) P= 4.0664
PF = ((1.8 + sqrt(P)) / (4 + 5*sqrt(P)))
1,600 GPD ADF x PF (4.0664) = Peak Flow= 6506 GPD Existing
SIGNED: Mark D. Cooke, P.E. #030386



DEKALB COUNTY
DEPARTMENT OF WATERSHED MANAGEMENT
1580 Roadhaven Drive, Stone Mountain, GA 30083
(770) 724-1480 • FAX (770) 414-6185
INTERCEPTOR SIZING FORM B



Outside FOG interceptors are required, but there may be circumstances where it is not possible to install them. The FSE must provide a report from a licensed plumber explaining why an exterior interceptor installation is not possible. The FOG Control Program Manager will investigate the situation to decide if the installation constraints are valid. In cases where there is a valid reason why an exterior interceptor can't be installed, the Compliance inspector will size the facility for interior FOG interceptor(s).

Number of seats in establishment _____
Days of business _____
Hours of operation _____
Fresh Air Fixture (Plumbing)
Dishwasher _____
1, 2, 3, 4 Sinks _____
Vegetable Sink _____
Meat Sink _____
Mop Sink _____
Floor Drains _____
Wok _____
Outside Drains _____
Garbage Disposal _____
***All fixtures must drain into interceptor and be located a minimum of 15 feet from interceptor.
*** Outside drains under garbage compactors and dumpsters must be connected to a separate 1000 gal. FOG interceptor.

DeKalb County uses the International Plumbing Code method for sizing interior FOG interceptors. (Table 1003.3.4.1)

TOTAL FLOW- THROUGH RATING (gpm)	GREASE RETENTION CAPACITY (pounds)	FIXTURE UNIT	PEAK FLOW RATE (GPM)
4	8	Single compartment sink	20 X 1 = 20
6	12	Double compartment sink	25 X =
7	14	Triple compartment sink	30 X 1 = 30
9	18	Quadruple compartment sink	35 X =
10	20	Floor drain	5 X 2 = 10
12	24	Under-counter dishwasher	15 X =
14	28	Industrial dishwasher	25 X =
15	30	Utility (mop) sink	20 X 1 = 20
18	36	Wok Station (two burner)	6 X =
20	40	Total Peak Flow Rate	= 80 GPM
25	50		
35	70		
50	100		
75	150		
100	200		

DEKALB COUNTY
DEPARTMENT OF WATERSHED MANAGEMENT
330 W. Ponce de Leon Avenue, 3rd Floor, Decatur, GA 30030
(404) 687-7150 • FAX (404) 687-7167
INTERCEPTOR SIZING SIGNATURE FORM



Food Service Establishment Name: Brook Run Baseball Fields
Establishment Address: Dunwoody, GA
Compliance Inspector: _____

The Size of the Fats, Oils, and Greases Interceptor (Grease Trap) shall be:

100 GPM or 200 Pounds inside installation only, location cannot be less than 15 feet from the last fixture tied on to the safe waste system (and / or fresh air system).

Gallons Interceptor outside installation only, to have a baffle (scheduled 40) and P.V.C T's installed, outlet T stub to 4" from manhole cover and 90° elbow P.V.C pipe in baffle.

Waiver Granted Yes No Comments _____



PRINTED NAME: BRENDA K. JOHNSON
SIGNATURE: *Brenda K. Johnson*
DATE: 9/20/2017

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)

- 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.
- Backflow Prevention Inspector will visit site to perform backflow prevention inspection and, if necessary, requires installation of backflow prevention assembly(s).
- Prior to installation of required backflow prevention assembly(s), Plumbing contractor shall contact Backflow Prevention inspector at (404) 687-4075.
- 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.
- 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.
- Backflow Prevention Inspector will do backflow prevention inspection and make recommendation concerning CO sign off for backflow prevention inspection.

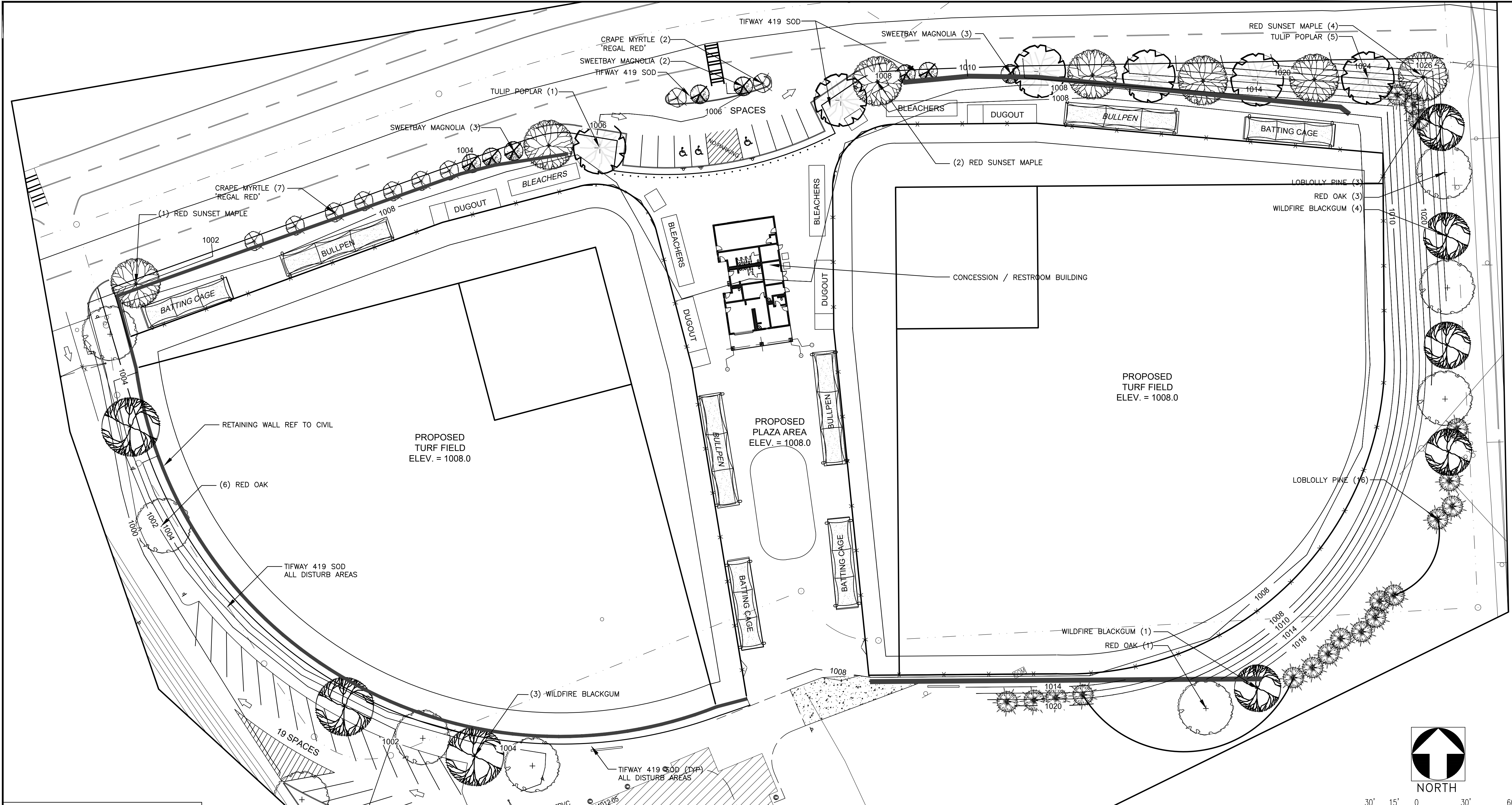
NOTE:
The Backflow Prevention Inspection is a separate inspection and apart from Plumbing Inspection. The Backflow Prevention Inspection ensures compliance with DeKalb County-Cross Connection & Backflow Prevention Program, EPD regulations and EPA regulations. Plumbing Inspection ensures compliance with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

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DATE	SYMBOL	BY	REVISION
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	

City of Dunwoody
PROJECT: Baseball Facilities at Brook Run Park
CLIENT: City of Dunwoody
CHECKED DATE: 04/12/2017
SCALE:
DESIGNED DRAWN: MDC BKJ
PROJECT NO.:
DRAWING TITLE: SEWER & FOG DOCUMENTS
DRAWING NO.: C-4.7
SHEET OF



TREE REPLACEMENT DENSITY CALCULATOR:

- 7.46 ACRES X 20 HAS A TDF = 149.20
- | DBH | UNITS | X | QUANTITY | = TREES |
|-----|-------|---|----------|------------|
| 12" | 0.8 | X | 1 | = 0.8 |
| 15" | 1.2 | X | 2 | = 2.4 |
| 18" | 1.8 | X | 3 | = 5.4 |
| 20" | 2.2 | X | 1 | = 2.2 |
| 24" | 3.1 | X | 1 | = 3.1 |
| | | | | RTF = 13.9 |
- RRD = TDF-RTF 149.2 - 13.9 = 135.3 RRD
- | NO. | SIZE | SPECIES | DENSITY FACTOR |
|-----|--------|-----------------|----------------|
| 10 | 3" | MAPLES | 10 X .6 = 6.0 |
| 8 | 3" | TULIP POP | 8 X .6 = 4.8 |
| 11 | 3" | RED OAK | 11 X .6 = 6.6 |
| 7 | 3" | BLACKGUM | 7 X .6 = 4.2 |
| 8 | 2" | MAPLES | 8 X .5 = 4.0 |
| 6 | 2" | SWEET GUMS | 6 X .5 = 3.0 |
| 6 | 2" | WEeping WILLOW | 6 X .5 = 3.0 |
| 7 | 2" | BLACK GUMS | 7 X .5 = 3.5 |
| 3 | 2" | RED OAK | 3 X .5 = 1.5 |
| 21 | 10-12' | MULTI STEM PINE | 21 X .5 = 10.5 |
| 19 | | | 19 X .6 = 11.4 |
| | | | 58.5 |

135.3 - 58.5 = -76.8
SITE IS SHORT 76.8 TDF

DETENTION POND PLANT SCHEDULE

QTY	BOTANICAL NAME	COMMON NAME	SIZE (BOTH MIN'S TO BE MET)	SPACING	CONDITION	REMARKS
TREES:						
8	ACER RUBRUM X 'FRANKSRED'	'RED SUNSET' MAPLE	2" - 2-1/2" C / 10' - 12' HT	20' OC	B&B/CONT	SINGLE LEADER,
6	LIQUIDAMBER STYRACIFLUA	SWEET GUM	2" - 2-1/2" C / 10' - 12' HT	20' OC	B&B/CONT	MATCHING, SINGLE LEADER, CLEAR 1ST 6'
6	SALIX BABYLONICA	WEeping WILLOW	2" - 2-1/2" C / 10' - 12' HT	20' OC	B&B/CONT	MATCHING, SINGLE LEADER, CLEAR 1ST 6'
7	MAGNOLIA VIRGINIANA	SWEETBAY MAGNOLIA	1-1/2" - 2" C / 6' - 8' HT	20' OC	B&B/CONT	MULTI-TRUNK, 1" MIN PER CANE
7	NYSSA SYLVATICA	BLACK GUM	2" - 2-1/2" C / 8' - 10' HT	20' OC	B&B/CONT	FULL HEAD w/UNIFORM GROWTH
3	QUERCUS FALCATA	RED OAK	2" - 2-1/2" C / 10' - 12' HT	20' OC	B&B/CONT	FULL HEAD w/UNIFORM GROWTH
GROUNDCOVERS:						
FILL AREA	CYNODON DACTYLON 419	BERMUDA TIFTON 419	SLAB / ROLL	SOLID	SOD	WEED FREE & ACTIVELY GROWING
FILL AREA	CYNODON DACTYLON	COMMON BERMUDA SEED	SEED	SEED		WEED FREE & ACTIVELY GROWING

NOTE: 1) ALL PLANT MATERIAL TO BE PLANTED ABOVE THE HIGH WATER ELEVATION.
 2) TABLE IS NOT INTENDED TO BE REPRESENTATIVE OF THE PLANT AT EITHER INSTALLATION OR MATURITY.
 3) WEeping WILLOW AND SWEET GUMS SHALL BE PLANTED WITHIN 10' OF THE HIGH WATER ELEVATION.
 4) SOUTHERN RED OAK AND MAPLES SHALL BE PLANTED A MIN. OF 25' FROM HIGH WATER ELEVATION.
 5) ALL OTHER PLANT MATERIAL TO BE PLANTED WITHIN THESE TWO ZONES.
 6) A 6" WIDE BAND OF TIFTON 419 SOD TO BE PLACED NO LOWER THAN THE HIGH WATER ELEVATION.
 COMMON BERMUDA SEED TO BE USED IN ALL AREAS THAT ARE DISTURB.

PLANT SCHEDULE

QTY	SYM	BOTANICAL NAME	COMMON NAME	SIZE (BOTH MIN'S TO BE MET)	SPACING	CONDITION	REMARKS
TREES:							
7	☉	ACER RUBRUM X 'FRANKSRED'	'RED SUNSET' MAPLE	3" - 3-1/2" C / 12' - 14' HT	AS SHOWN	B&B/CONT	MATCHING, SINGLE LEADER, CLEAR 1ST 6'
6	☉	LIRIODENDRON TULIPIFERA	TULIP POPLAR	3" - 3-1/2" C / 12' - 14' HT	AS SHOWN	B&B/CONT	MATCHING, SINGLE LEADER, CLEAR 1ST 6'
9	☉	LAGERSTROEMIA INDICA 'REGAL RED'	CRAPE MYRTLE 'REGAL RED'	1-1/2" - 2" C / 6' - 8' HT	AS SHOWN	CONT.	3 TRUNK MIN, 1-1/2" - 2" C
7	☉	MAGNOLIA VIRGINIANA	SWEETBAY MAGNOLIA	1-1/2" - 2" C / 6' - 8' HT	AS SHOWN	B&B/CONT	MULTI-TRUNK, 1" MIN PER CANE
8	☉	NYSSA SYLVATICA 'WILDFIRE'	'WILDFIRE' BLACK GUM	3" - 3-1/2" C / 10' - 12' HT	AS SHOWN	B&B/CONT	FULL HEAD w/UNIFORM GROWTH
10	☉	QUERCUS FALCATA	SOUTHERN RED OAK	3" - 3-1/2" C / 12' - 14' HT	AS SHOWN	B&B/CONT	FULL HEAD w/UNIFORM GROWTH
19	☉	PINUS TAEDA	LOBLOLLY PINE	10 - 12' HEIGHT	AS SHOWN	B&B/CONT	FULL HEAD w/UNIFORM GROWTH
SHRUBS:							
GROUNDCOVERS:							
FILL AREA		CYNODON DACTYLON 419	BERMUDA TIFTON 419	SLAB / ROLL	SOLID	SOD	WEED FREE & ACTIVELY GROWING
FILL AREA		CYNODON DACTYLON	COMMON BERMUDA SEED	SEED	SEED		WEED FREE & ACTIVELY GROWING

NOTE: SYMBOLS SHOWN IN TABLE ABOVE ARE FOR SPECIES IDENTIFICATION ONLY. PLANT SIZE SHOWN IN THE TABLE IS NOT INTENDED TO BE REPRESENTATIVE OF THE PLANT AT EITHER INSTALLATION OR MATURITY. SIZE OF SYMBOL SHOWN IN TABLE ABOVE MAY VARY FROM THOSE SHOWN ON PLANS.

NOTE: NO SUBSTITUTIONS OF PLANT MATERIALS ARE ALLOWED WITHOUT THE PRIOR APPROVAL OF THE LANDSCAPE ARCHITECT.

Robert and Company
 Engineers, Architects, Planners
 3000 South Main Street, Suite 2000, Atlanta, Georgia 30303-1639
 404-577-4000 FAX: 404-577-7119

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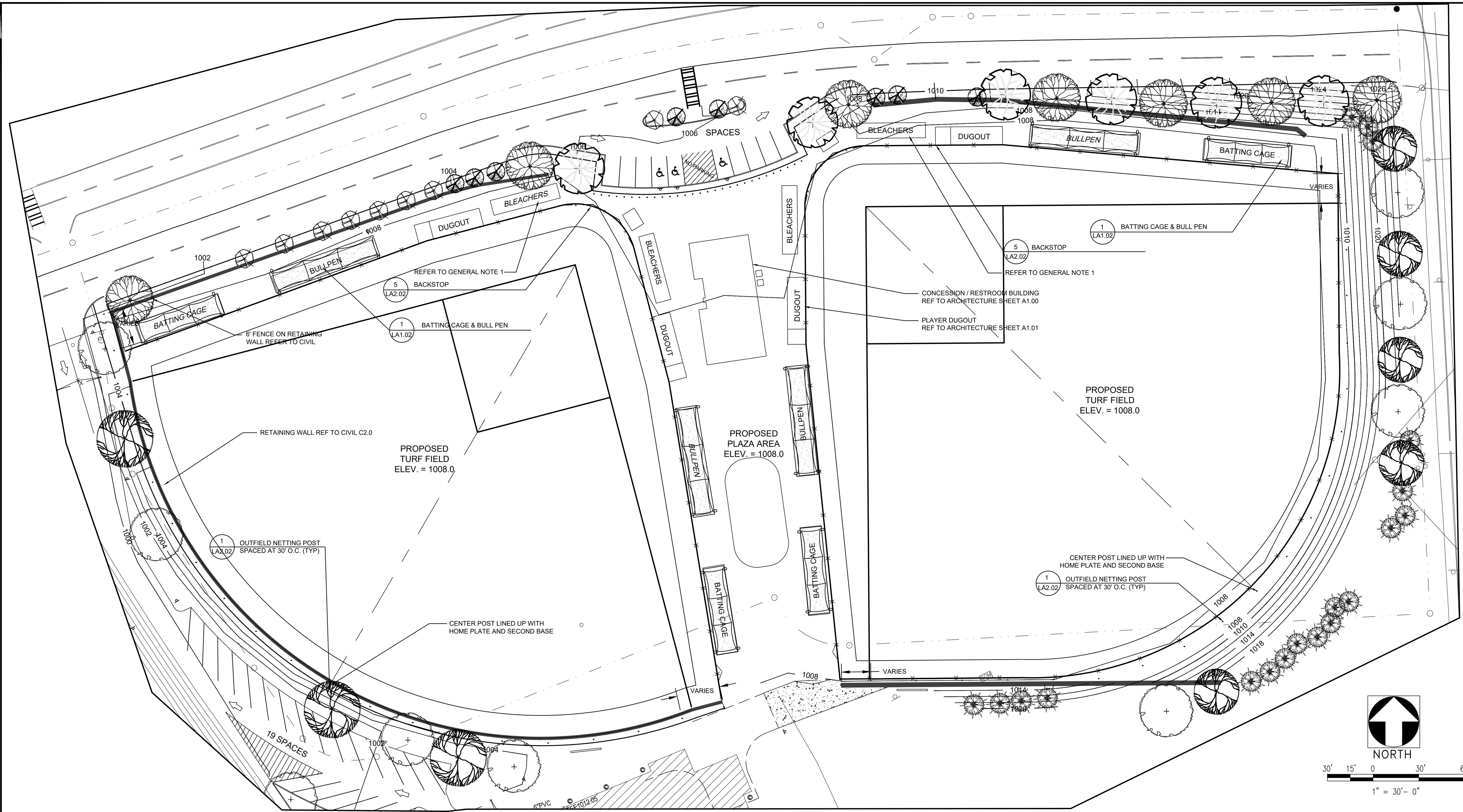
PRICING SET	ADDENDUM #1	ADDENDUM #3	ADDENDUM #4	BUILDING PLAN REVIEW	REVISION
04-18-2017					
04-26-2017					
05-05-2017					
05-11-2017					
06-21-2017					

DATE: BY: SYMBOL: REVISION:

City of **Dunwoody**
 BASEBALL FACILITIES AT BROOK RUN PARK

LANDSCAPE PLAN
 C-1810-10
 LA-1.01

RAC#: 1700200

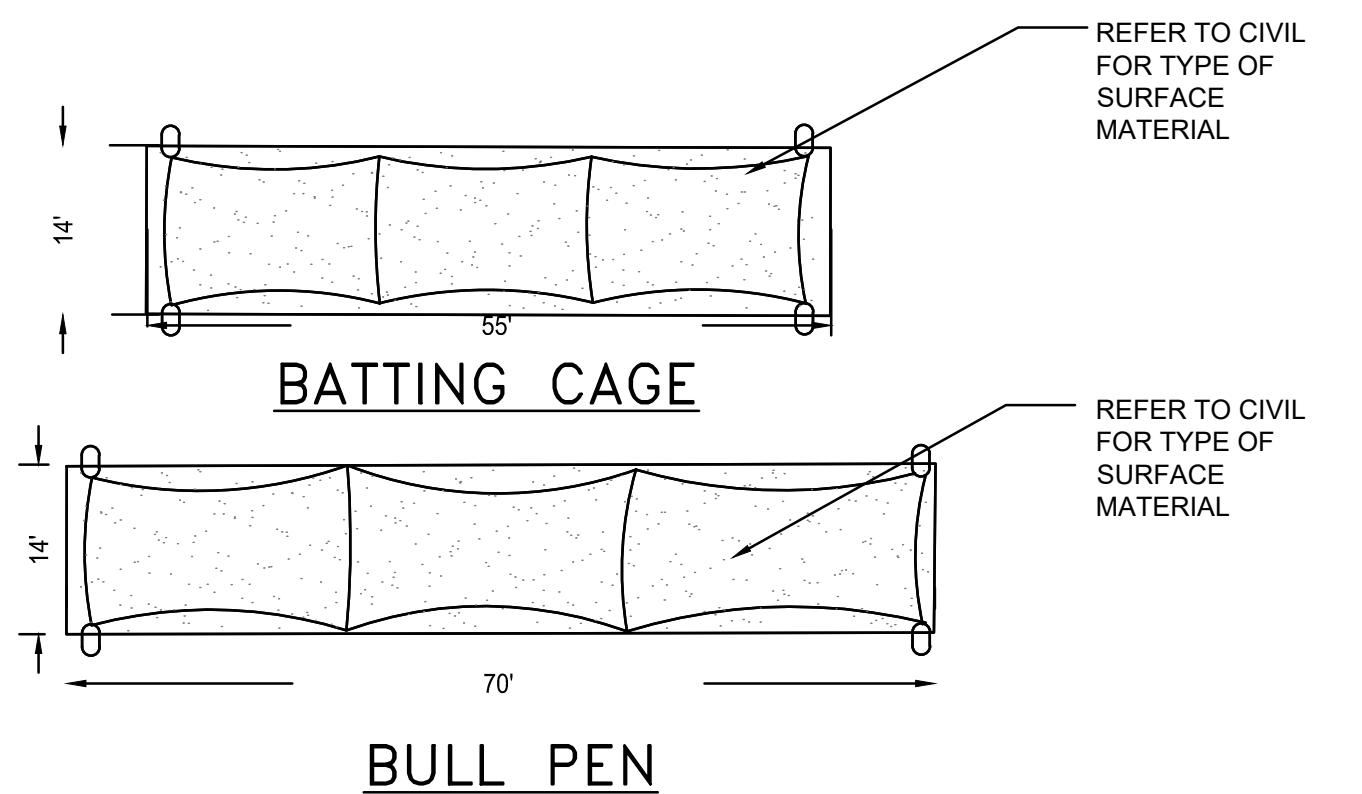


GENERAL NOTES:

1. BLEACHERS SHALL BE PATTERSON - WILLIAMS MODEL 1183-415A OR APPROVED EQUAL.
2. BLEACHERS SHALL BE 4 ROW, 15' LONG ALUMINUM FRAME.
3. FOLLOW MANUFACTURERS INSTRUCTION FOR PERMANENT INSTALLATION PER DIMENSION SHOWN.
4. OUTFIELD NETTING SHALL BE 30' HEIGHT, #21 SQUARE NETTING 1 - 7/8" KNOTTED NYLON WEATHER TREATED NETTING WITH ROPE BORDER. ROPE BORDER SHALL BE 3/4" TWISTED POLY ROPE. COORDINATE WITH METAL FABRICATOR FOR LOCATION AND TYPE OF CONNECTORS.
5. SUPPLIER OF BACKSTOP NETTING IS:
RICHARDSON ATHLETICS: 160 PARKINSON DRIVE, RICHLAND, MS 39218 NO. 800-895-2902. FAX 601-420-8442 WWW.RICHARDSONATHLETICS.COM
6. SUPPLIER OF BACKSTOP NETTING IS:

NOTES:

1. BATTING CAGES SHALL BE: ITEM MASTODON BATTING CAGE SYSTEM BY BATTING CAGES INC. (BCI) OR APPROVED EQUAL CONTACT: BCI AT (800) 463-6865 OR BATTINGCAGESINC@GMAIL.COM
2. CONTRACTOR SHALL SUPPLY AND INSTALL 2 BATTING CAGES SIZE (14' X 55') AND 2 BULL PENS SIZE (14' X 70') CONSTRUCTED OF 8.625 OD STRUCTURAL STEEL PIPES POWDER COATED, NYLON NETTING WITH LEAD CORE ROPE AT BOTTOM, AND BACKDROP NETTING. FOLLOW MANUFACTURERS INSTRUCTIONS FOR INSTALLATION. SUBMIT SHOP DRAWING FOR APPROVAL PRIOR TO ORDER MATERIALS.
3. REFER TO CIVIL DOCUMENTS FOR EXACT LOCATION OF BULL PENS AND BATTING CAGES.



1 BATTING CAGE AND BULL PEN LAYOUT
LA1.02 N.T.S.

Robert and Company
Engineers, Architects, Planners
3003 S. 163rd St.
Atlanta, Georgia 30335-1639
404-577-4000 FAX: 404-577-7119

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P:888.706.0661 F:770.217.7530 www.skyline-ec.com

PRICING SET	ADDENDUM #1	ADDENDUM #3	ADDENDUM #4	BUILDING PLAN REVIEW	REVISION
04-12-2017	MDC	04-26-2017	MDC	05-11-2017	MDC
04-26-2017	MDC	05-11-2017	MDC	06-21-2017	MDC
DATE	BY	DATE	BY	DATE	BY

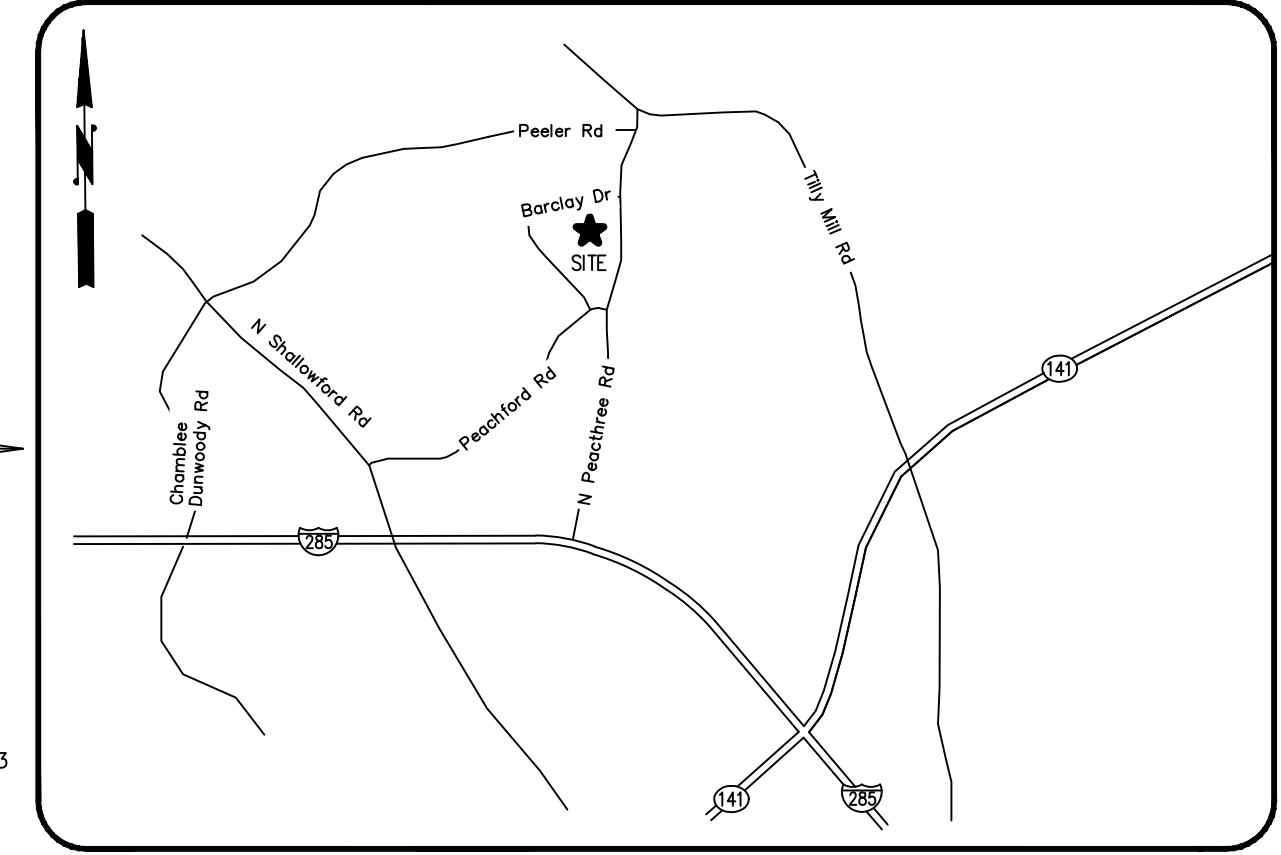
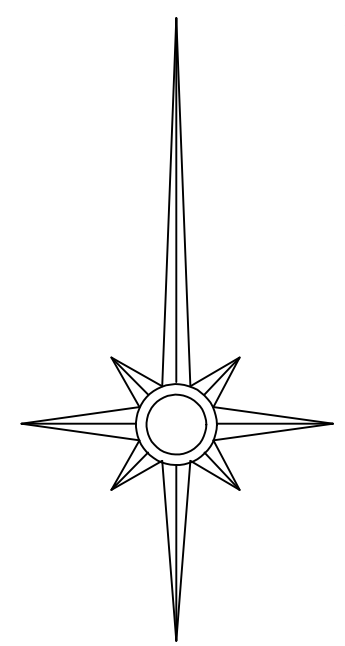


City of **Dunwoody**
PROJECT: BASEBALL FACILITIES AT BROOK RUN PARK

DESIGNED	DRAWN	CHECKED	DATE	SCALE	AS SHOWN
JWJ	JWJ	JWJ	06-21-10	AS SHOWN	AS SHOWN
PROJECT NO.	C-1810-10	DRAWING TITLE	SITE AMENITIES AND DETAIL PLAN		
DRAWING NO.	LA-1.02	SHEET	OF		

RAC #: 1700200

- NO INSTRUMENTS OF RECORD REFLECTING EASEMENTS, RIGHTS-OF-WAY AND/OR OWNERSHIP WERE FURNISHED TO THE SURVEYOR EXCEPT AS SHOWN HEREON.
- BOUNDARY LINES SHOWN HEREON ARE REFERENCED FROM CLIENT PROVIDED SURVEYS AND ARE ORIENTED TO THE STATED BASIS OF BEARINGS. NO WARRANTY IS EXPRESSED OR IMPLIED WITH REGARDS TO THEIR ACCURACY.
- THIS DRAWING IS NOT VALID WITHOUT THE SIGNATURE AND ORIGINAL SEAL OF A GEORGIA REGISTERED SURVEYOR.
- EQUIPMENT USED:
ANGULAR & LINEAR: LEICA TS02
LEICA 1200 GPS SERIES
- THE FIELD DATA UPON WHICH THIS PLAT IS BASED HAS A CLOSURE PRECISION OF ONE FOOT IN 175,000 FEET AND AN ANGULAR ERROR OF $2.0''$ PER ANGLE POINT AND WAS ADJUSTED USING THE COMPASS RULE.
- HORIZONTAL DATUM SHOWN HEREON IS REFERENCED TO GA WEST NAD 1983 BASED ON GPS DATA COLLECTED ON SITE.
- TREE SPECIES IDENTIFICATION DEPICTED WHERE POSSIBLE. UNLABELED TREES ARE SPECIES OF A HARDWOOD TYPE. EXACT IDENTIFICATION SHOULD BE MADE BY A TRAINED ARBORIST.
- LOWE ENGINEERS ACCEPTS NO RESPONSIBILITY FOR IDENTIFICATION OF TREE SPECIES SHOWN HEREON. EVERY EFFORT HAS BEEN MADE TO PROPERLY IDENTIFY THE TREES SHOWN HEREON; HOWEVER, TREE IDENTIFICATION IS OUTSIDE THE AREA OF EXPERTISE OF A PROFESSIONAL LAND SURVEYOR. THE TREE TYPES SHOWN HEREON ARE FOR INFORMATIONAL PURPOSES ONLY AND SHOULD ONLY BE USED AFTER CONFIRMATION BY A CERTIFIED ARBORIST OR OTHER SUCH PROFESSIONAL.



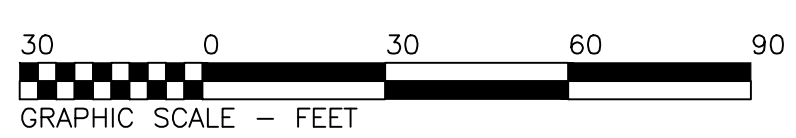
NO.	REVISIONS	DATE
1		
2		
3		
4		
5		
6		
7		

TREE SURVEY PREPARED FOR:
City of Dunwoody
PEACHTREE CHARTER MIDDLE SCHOOL
LAND LOT 354 18TH DISTRICT, CITY OF DUNWOODY, DEKALB COUNTY, GEORGIA

- LEGEND
- ⊕ PPF IRON PIN FOUND
 - POINT
 - RS REBAR
 - R/W RIGHT-OF-WAY
 - P.O.B. POINT OF BEGINNING
 - T.P.O.B. TRUE POINT OF BEGINNING
 - (199.227) RECORD DISTANCE
 - MH MANHOLE
 - CO CLEAN OUT
 - CB CATCH BASIN
 - ⊕ DI DROP INLET
 - HW HARDWOOD
 - PNE PINE
 - WM WATER METER
 - WV WATER VALVE
 - FH FIRE HYDRANT
 - UG UNDERGROUND
 - COMM. COMMUNICATION
 - GM GAS METER
 - EM ELECTRIC METER
 - ⊕ LP LIGHT POLE
 - PP POWER POLE
 - RR RAILROAD
 - C/L CENTERLINE
 - WC WITNESS CORNER
 - HC HANDICAP RAMP
 - ⊕ FENCE LINE
 - ⊕ HANDICAP PARKING
 - BOLLARD
 - S/W SIDEWALK
 - SIGN



Date: 8/2/17



DATE: 8/2/17

PROJECT NO. 17-0063
DRAWN BY: BDD
CHECKED BY:

TREE AND TOPOGRAPHIC SURVEY
LOWE ENGINEERS
990 HAMMOND DRIVE
SUITE 900
ATLANTA, GEORGIA 30328
TEL: 770-857-8400
FAX: 770-857-8401

SHEET 1 of 1

NOT ISSUED FOR CONSTRUCTION



Tree ID #	Species, DBH	Status	Tree ID #	Species, DBH	Status	Tree ID #	Species, DBH	Status	Tree ID #	Species, DBH	Status
1238	POP 16	REMAIN	1338	PINE 20	TO BE REMOVED	1420	OAK 24	TO BE REMOVED	20375	POP 10	REMAIN
1240	PINE 18	TO BE REMOVED	1339	PINE 20	TO BE REMOVED	1421	SWEETG 6	TO BE REMOVED	20376	OAK 32	REMAIN
1241	OAK 10	REMAIN	1340	POP 14	TO BE REMOVED	1422	SWEETG 14	TO BE REMOVED	20377	OAK 6	REMAIN
1249	PINE 16	TO BE REMOVED	1341	POP 12	TO BE REMOVED	1423	POP 8	TO BE REMOVED	20378	OAK 10	REMAIN
1253	OAK 20	REMAIN	1342	POP 16	TO BE REMOVED	1425	PINE 20	TO BE REMOVED	20379	OAK 25	REMAIN
1254	PINE 14	REMAIN	1343	POP 10	TO BE REMOVED	1426	POP 13	TO BE REMOVED	20380	SAP 8	REMAIN
1255	PINE 12	REMAIN	1344	MAPLE 12	TO BE REMOVED	1427	PINE 15	TO BE REMOVED	20381	POP 32	REMAIN
1256	PINE 10	REMAIN	1345	OAK 6	TO BE REMOVED	1428	POP 6	TO BE REMOVED	20384	SAS 6	REMAIN
1259	PINE 26	REMAIN	1346	OAK 12	TO BE REMOVED	1429	POP 6	REMAIN	20385	POP 6	REMAIN
1260	PINE 20	REMAIN	1347	OAK 16	TO BE REMOVED	1430	PINE 12	REMAIN	20386	POP 6	REMAIN
1262	PINE 15	TO BE REMOVED	1348	PINE 16	TO BE REMOVED	1431	PINE 12	REMAIN	20389	OAK 20	REMAIN
1263	PINE 12	TO BE REMOVED	1349	OAK 12	TO BE REMOVED	1432	PINE 16	REMAIN	20394	OAK 19	REMAIN
1264	PINE 16	TO BE REMOVED	1350	OAK 6	TO BE REMOVED	1433	POP 8	REMAIN	20395	OAK 14	REMAIN
1266	PINE 17	TO BE REMOVED	1351	POP 6	TO BE REMOVED	1434	POP 6	REMAIN	20396	OAK 10	REMAIN
1268	MAPLE 16	TO BE REMOVED	1352	POP 12	TO BE REMOVED	1435	POP 8	REMAIN	20397	SAP 14	REMAIN
1274	PINE 8	TO BE REMOVED	1353	POP 10	TO BE REMOVED	1436	POP 17	REMAIN	20398	OAK 17	REMAIN
1275	PINE 8	TO BE REMOVED	1354	PINE 16	TO BE REMOVED	1437	POP 8	REMAIN	20399	MAP 10	REMAIN
1276	PINE 12	TO BE REMOVED	1355	PINE 12	TO BE REMOVED	1438	POP 8	REMAIN	20400	OAK 18	REMAIN
1277	PINE 18	TO BE REMOVED	1356	OAK 8	TO BE REMOVED	1439	SWEETG 6	REMAIN	20401	POP 21	REMAIN
1278	PINE 10	TO BE REMOVED	1357	OAK 12	TO BE REMOVED	1440	OAK 6	REMAIN	20402	GUM 14	REMAIN
1279	PINE 14	TO BE REMOVED	1358	PINE 6	TO BE REMOVED	1442	POP 22	REMAIN	20403	POP 6	REMAIN
1280	PINE 18	TO BE REMOVED	1359	PINE 23	TO BE REMOVED	1443	POP 20	REMAIN	20404	MAPLE 6	REMAIN
1281	POP 8	TO BE REMOVED	1360	PINE 20	TO BE REMOVED	1444	SWEETG 12	REMAIN	20405	MAPLE 7	REMAIN
1282	PINE 8	TO BE REMOVED	1361	OAK 14	TO BE REMOVED	1445	SWEETG 13	REMAIN	20406	POP 12	REMAIN
1283	PINE 24	TO BE REMOVED	1362	PINE 23	TO BE REMOVED	1446	OAK 8	REMAIN	20407	MAPLE 12	REMAIN
1284	PINE 6	TO BE REMOVED	1363	SWEETG 10	TO BE REMOVED	1447	POP 10	REMAIN	20408	POP 24	REMAIN
1285	PINE 8	TO BE REMOVED	1368	POP 10	TO BE REMOVED	1449	OAK 8	REMAIN	20409	POP 12	REMAIN
1286	PINE 13	TO BE REMOVED	1369	POP 6	TO BE REMOVED	1450	SWEETG 12	REMAIN	20410	MAPLE 14	REMAIN
1287	PINE 12	TO BE REMOVED	1371	PINE 8	TO BE REMOVED	1451	PINE 13	REMAIN	20411	POP 14	REMAIN
1288	PINE 12	TO BE REMOVED	1372	PINE 12	TO BE REMOVED	1452	POP 8	REMAIN	20412	BIRCH 10	REMAIN
1289	PINE 14	TO BE REMOVED	1373	SWEETG 10	TO BE REMOVED	1453	POP 6	REMAIN	20413	WALNUT 10	REMAIN
1290	PINE 8	TO BE REMOVED	1374	PINE 10	TO BE REMOVED	1454	POP 19	REMAIN	20414	WALNUT 8	REMAIN
1291	POP 8	TO BE REMOVED	1375	OAK 8	TO BE REMOVED	1457	PINE 10	REMAIN	20415	OAK 12	REMAIN
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1294	PINE 18	TO BE REMOVED	1378	PINE 10	TO BE REMOVED	1460	SWEETG 9	REMAIN	20418	WALNUT 8	REMAIN
1297	PINE 18	TO BE REMOVED	1379	SWEETG 6	TO BE REMOVED	1501	MAPLE 10	TO BE REMOVED	20419	POP 10	REMAIN
1298	PINE 8	TO BE REMOVED	1380	PINE 19	TO BE REMOVED	1601	PINE 8	TO BE REMOVED	20420	OAK 10	REMAIN
1299	POP 6	TO BE REMOVED	1381	SWEETG 8	TO BE REMOVED	1602	POP 6	TO BE REMOVED	20421	OAK 12	REMAIN
1300	PINE 8	TO BE REMOVED	1382	PINE 14	TO BE REMOVED	1603	PINE 12	TO BE REMOVED	20422	MAPLE 20	REMAIN
1301	POP 8	TO BE REMOVED	1383	PINE 6	TO BE REMOVED	1604	PINE 18	TO BE REMOVED	20423	MAPLE 10	REMAIN
1302	PINE 6	TO BE REMOVED	1384	POP 6	TO BE REMOVED	1605	PINE 8	TO BE REMOVED	20424	POP 22	REMAIN
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1309	POP 6	TO BE REMOVED	1389	PINE 15	REMAIN	1611	PINE 10	TO BE REMOVED	20429	PINE 10	REMAIN
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1312	PINE 12	TO BE REMOVED	1392	PINE 10	REMAIN	20340	SAS 10	REMAIN	20432	PINE 12	REMAIN
1313	PINE 20	TO BE REMOVED	1393	PINE 14	REMAIN	20341	POP 10	REMAIN	20433	OAK 8	REMAIN
1314	PINE 6	TO BE REMOVED	1394	PINE 12	REMAIN	20345	OAK 25	REMAIN	20434	PINE 13	REMAIN
1315	POP 13	TO BE REMOVED	1395	PINE 15	REMAIN	20346	OAK 28	REMAIN	20435	OAK 7	REMAIN
1316	POP 8	TO BE REMOVED	1396	PINE 6	REMAIN	20348	OAK 36	REMAIN	20436	PINE 15	REMAIN
1317	PINE 18	TO BE REMOVED	1397	SWEETG 12	REMAIN	20349	OAK 10	REMAIN	20437	OAK 6	REMAIN
1318	PINE 6	TO BE REMOVED	1398	OAK 6	REMAIN	20350	OAK 10	REMAIN	20438	OAK 6	REMAIN
1319	PINE 16	TO BE REMOVED	1399	PINE 10	REMAIN	20352	OAK 15	REMAIN	20439	OAK 8	REMAIN
1321	PINE 12	TO BE REMOVED	1400	PINE 10	REMAIN	20354	POP 15	REMAIN	20440	POP 18	REMAIN
1322	OAK 13	TO BE REMOVED	1401	PINE 10	REMAIN	20355	GUM 14	REMAIN	20441	POP 6	REMAIN
1323	POP 16	TO BE REMOVED	1402	PINE 10	REMAIN	20358	HICK 18	REMAIN	20442	PINE 15	REMAIN
1324	POP 7	TO BE REMOVED	1403	PINE 15	REMAIN	20359	OAK 10	REMAIN	20443	PINE 10	REMAIN
1325	OAK 10	TO BE REMOVED	1404	SWEETG 6	REMAIN	20360	GUM 7	REMAIN	20444	PINE 10	REMAIN
1326	PINE 17	TO BE REMOVED	1405	OAK 10	TO BE REMOVED	20361	GUM 7	REMAIN	20445	POP 14	REMAIN
1327	POP 17	TO BE REMOVED	1406	POP 10	TO BE REMOVED	20362	OAK 9	REMAIN	20446	POP 6	REMAIN
1328	PINE 16	TO BE REMOVED	1407	POP 16	TO BE REMOVED	20363	PINE 15	REMAIN	20447	POP 10	REMAIN
1329	POP 6	TO BE REMOVED	1410	PINE 22	TO BE REMOVED	20365	GUM 6	REMAIN	20448	PINE 6	REMAIN
1330	POP 13	TO BE REMOVED	1411	PINE 18	TO BE REMOVED	20367	SAS 15	REMAIN	20449	PINE 7	REMAIN
1331	POP 8	TO BE REMOVED	1412	PINE 22	TO BE REMOVED	20368	GUM 6	REMAIN	20450	PINE 8	REMAIN
1332	PINE 8	TO BE REMOVED	1413	OAK 10	TO BE REMOVED	20369	OAK 12	REMAIN	20451	OAK 6	REMAIN
1333	POP 6	TO BE REMOVED	1414	OAK 12	TO BE REMOVED	20370	OAK 15	REMAIN	20452	OAK 6	REMAIN
1334	PINE 24	TO BE REMOVED	1415	PINE 22	TO BE REMOVED	20371	POP 19	REMAIN	20453	PINE 10	REMAIN
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1336	PINE 18	TO BE REMOVED	1417	OAK 26	TO BE REMOVED	20373	OAK 22	REMAIN	20455	OAK 10	REMAIN
1337	PINE 10	TO BE REMOVED	1419	OAK 10	TO BE REMOVED	20374	POP 10	REMAIN			

NO.	REVISIONS DATE
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TREE SURVEY PREPARED FOR:
City of Dunwoody
PEACHTREE CHARTER MIDDLE SCHOOL
LAND LOT 354 18TH DISTRICT, CITY OF DUNWOODY, DEKALB COUNTY, GEORGIA

DATE: 8/2/17

CONTRACT NO. 2017-0063-00-003
CONSULTANT: LOWE ENGINEERS
DRAWN BY: BDD
CHECKED BY: ---
DATE: 8/2/17

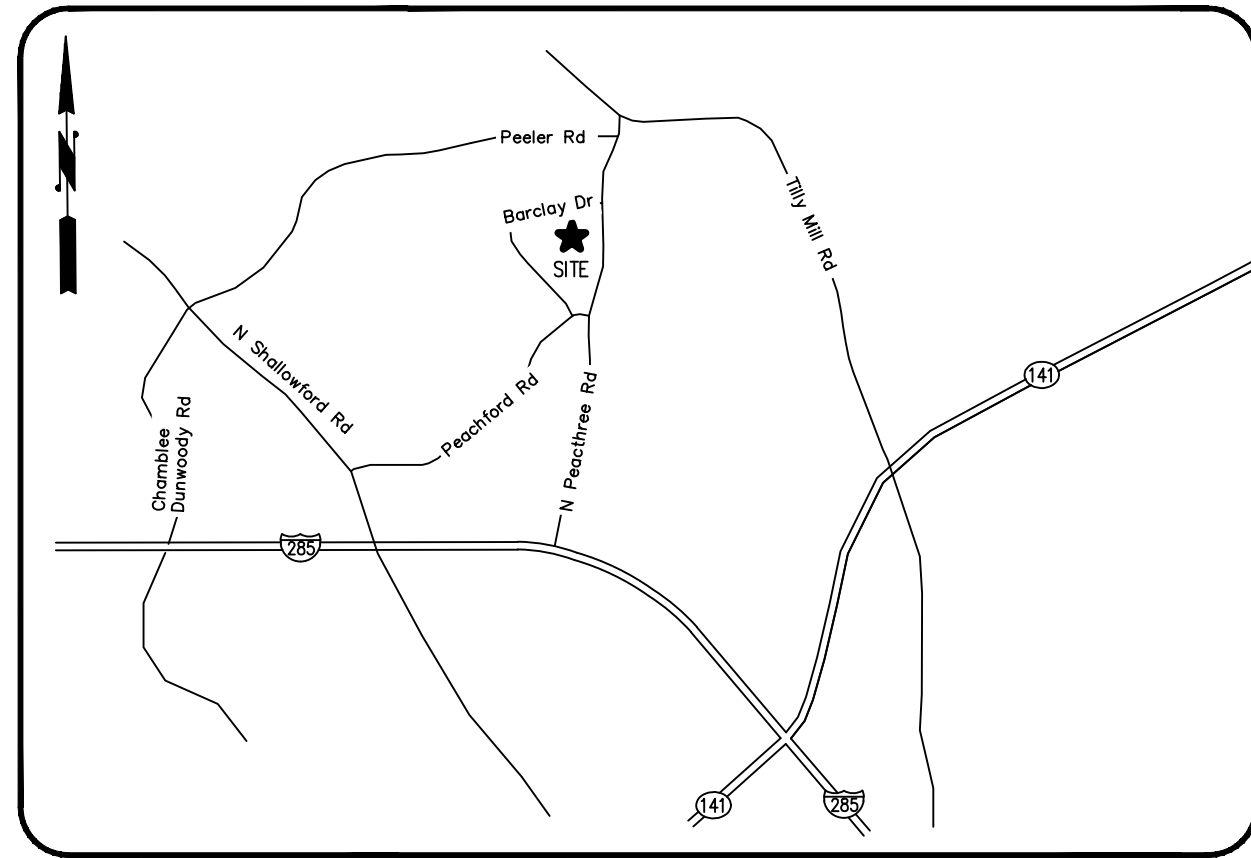
PROJECT # 17-0063
DRAWN BY: BDD
CHECKED BY: ---

TREE AND TOPOGRAPHIC SURVEY

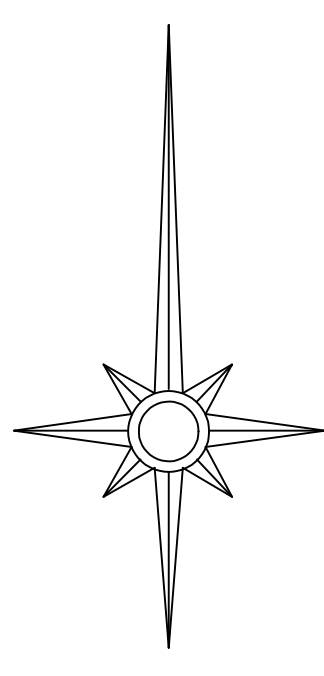
990 HAMMOND DRIVE
SUITE 900
ATLANTA, GEORGIA 30328
TEL: 770-857-8400
FAX: 770-857-8401

SHEET 1 of 1

NOT ISSUED FOR CONSTRUCTION



VICINITY MAP NOT TO SCALE



GRID NORTH
GA WEST ZONE NAD 83

ASPHALT CROSS WALK

STOP FOR PEDESTRIANS

STOP FOR PEDESTRIANS

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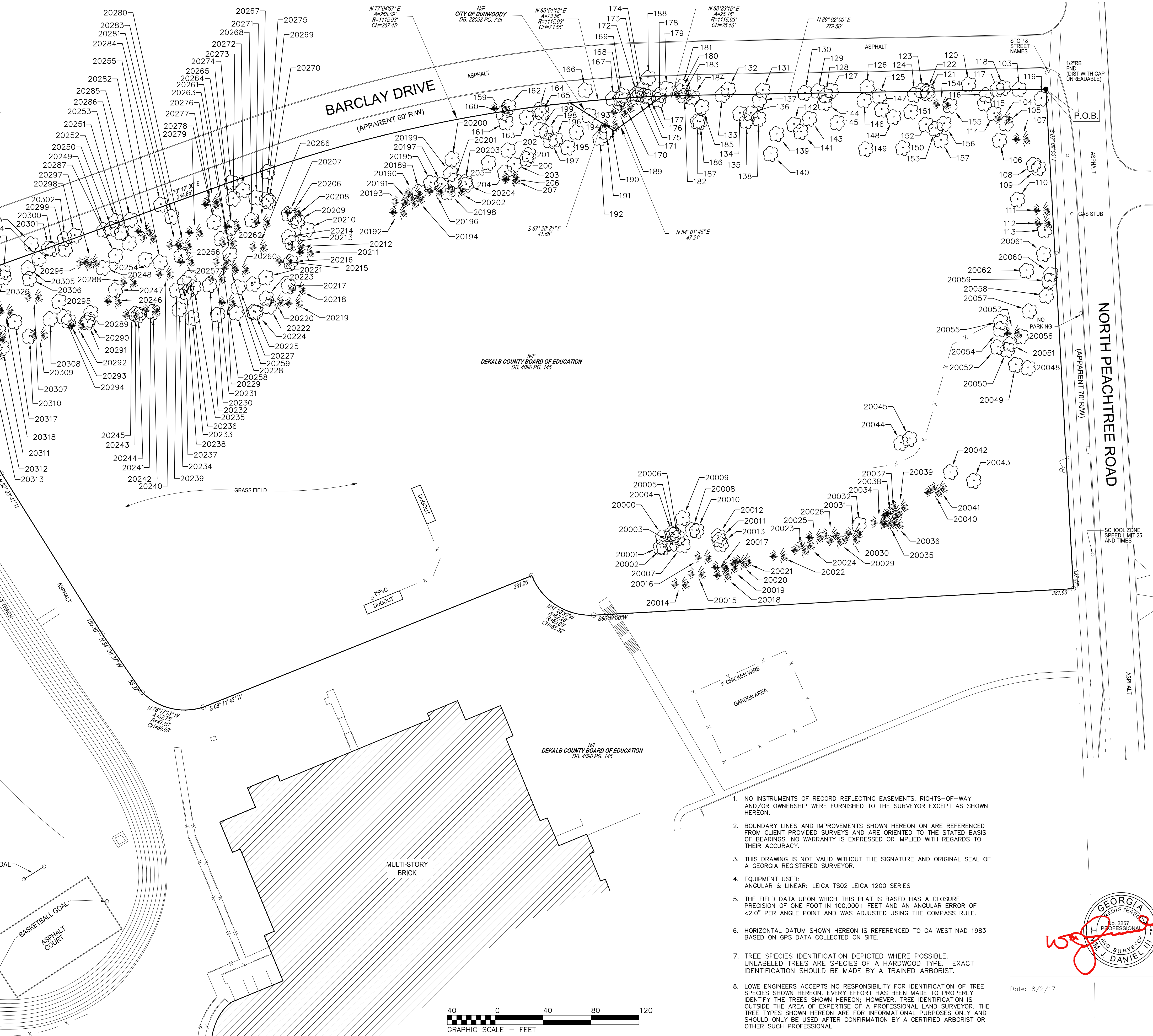
STOP FOR PEDESTRIANS

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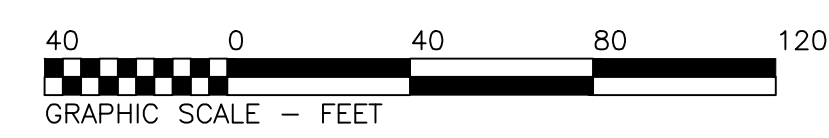
STOP FOR PEDESTRIANS

STOP FOR PEDESTRIANS



LEGEND

⊙	IRON PIN FOUND
○	POINT
⊕	REBAR
R/W	RIGHT-OF-WAY
P.O.B.	POINT OF BEGINNING
T.P.O.B.	TRUE POINT OF BEGINNING
(199.23')	RECORD DISTANCE
⊙	MANHOLE
⊙	CLEAN OUT
⊙	CATCH BASIN
⊙	DROP INLET
⊙	HARDWOOD
⊙	PINE
⊙	WATER METER
⊙	WATER VALVE
⊙	FIRE HYDRANT
⊙	UNDERGROUND COMMUNICATION
⊙	GAS METER
⊙	ELECTRIC METER
⊙	LIGHT POLE
⊙	POWER POLE
⊙	RAILROAD
C/L	CENTERLINE
WC	WITNESS CORNER
HC	HANDICAP RAMP
⊙	FENCE LINE
⊙	HANDICAP PARKING
⊙	BOLLARD
S/W	SIDEWALK
⊙	SIGN



- NO INSTRUMENTS OF RECORD REFLECTING EASEMENTS, RIGHTS-OF-WAY AND/OR OWNERSHIP WERE FURNISHED TO THE SURVEYOR EXCEPT AS SHOWN HEREON.
- BOUNDARY LINES AND IMPROVEMENTS SHOWN HEREON ON ARE REFERENCED FROM CLIENT PROVIDED SURVEYS AND ARE ORIENTED TO THE STATED BASIS OF BEARINGS. NO WARRANTY IS EXPRESSED OR IMPLIED WITH REGARDS TO THEIR ACCURACY.
- THIS DRAWING IS NOT VALID WITHOUT THE SIGNATURE AND ORIGINAL SEAL OF A GEORGIA REGISTERED SURVEYOR.
- EQUIPMENT USED:
ANGULAR & LINEAR: LEICA TS02 LEICA 1200 SERIES
- THE FIELD DATA UPON WHICH THIS PLAT IS BASED HAS A CLOSURE PRECISION OF ONE FOOT IN 100,000+ FEET AND AN ANGULAR ERROR OF $\le 2.0''$ PER ANGLE POINT AND WAS ADJUSTED USING THE COMPASS RULE.
- HORIZONTAL DATUM SHOWN HEREON IS REFERENCED TO GA WEST NAD 1983 BASED ON GPS DATA COLLECTED ON SITE.
- TREE SPECIES IDENTIFICATION DEPICTED WHERE POSSIBLE. UNLABELED TREES ARE SPECIES OF A HARDWOOD TYPE. EXACT IDENTIFICATION SHOULD BE MADE BY A TRAINED ARBORIST.
- LOWE ENGINEERS ACCEPTS NO RESPONSIBILITY FOR IDENTIFICATION OF TREE SPECIES SHOWN HEREON. EVERY EFFORT HAS BEEN MADE TO PROPERLY IDENTIFY THE TREES SHOWN HEREON; HOWEVER, TREE IDENTIFICATION IS OUTSIDE THE AREA OF EXPERTISE OF A PROFESSIONAL LAND SURVEYOR. THE TREE TYPES SHOWN HEREON ARE FOR INFORMATIONAL PURPOSES ONLY AND SHOULD ONLY BE USED AFTER CONFIRMATION BY A CERTIFIED ARBORIST OR OTHER SUCH PROFESSIONAL.



Date: 8/2/17

REVISIONS	
NO.	DATE
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TREE SURVEY PREPARED FOR:
City of Dunwoody
PEACHTREE CHARTER MIDDLE SCHOOL
LAND LOT 354 18TH DISTRICT, CITY OF DUNWOODY, DEKALB COUNTY, GEORGIA

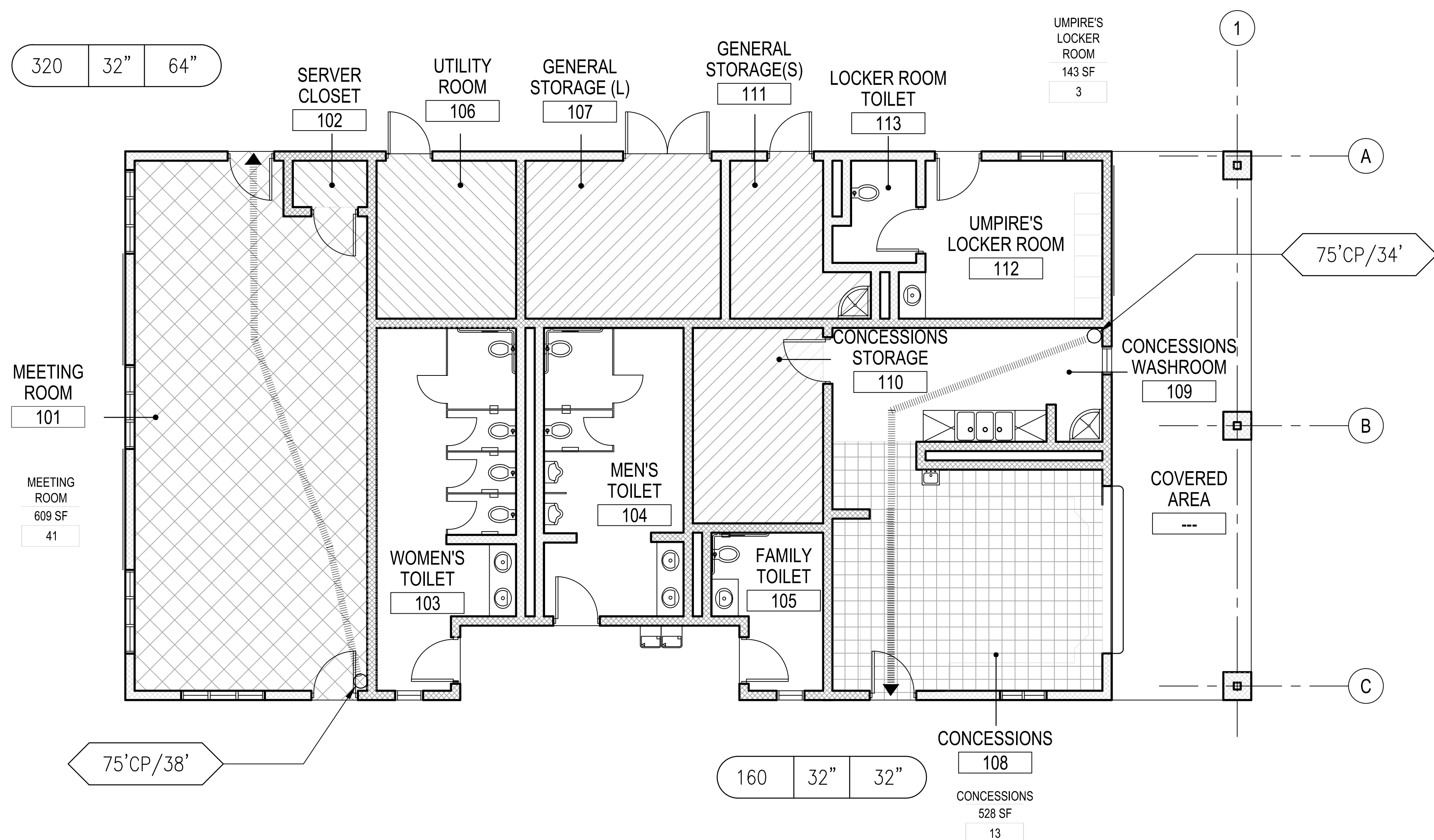
DATE: 8/2/17

PROJECT#: 17-0063
DRAWN BY: BDD
CHECKED BY: ---

990 HAMMOND DRIVE
SUITE 900
ATLANTA, GEORGIA 30328
TEL: 770-857-8400
FAX: 770-857-8401

TREE SURVEY

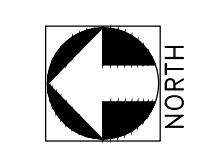
NOT ISSUED FOR CONSTRUCTION



LIFE SAFETY PLAN LEGEND

- BUSINESS
- MERCANTILE
- STORAGE
- MECHANICAL/ELECTRICAL/TELECOM
- TRAVEL DISTANCE
- SPACE NAME
- SPACE AREA
- # OF OCCUPANTS
- DISTANCE OF COMMON PATH OF TRAVEL
- TRAVEL DISTANCE TO EXIT
- MAX. PERSON EXIT
- WIDTH REQUIRED
- WIDTH PROVIDED

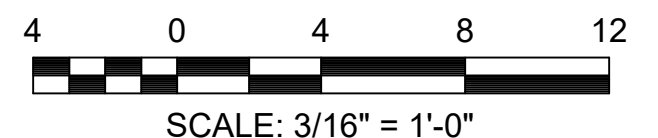
1
A-010
LIFE SAFETY PLAN
FIELD HOUSE
SCALE: 3/16" = 1'-0"



CODE ANALYSIS / REFERENCE INFORMATION

APPLICABLE CODES	PROJECT DATA:	SEPARATED OCCUPANCY AREA CALCULATION							MEANS OF EGRESS	
BUILDING: INTERNATIONAL BUILDING CODE (IBC), 2012 EDITION	OCCUPANCY: SEPARATED OCCUPANCY (IBC 508.4, LSC 6.1.14.4)	OCCUPANCY	SQ. FT.	SQ. FT. PER OCC.	OCC. LOAD	REMARKS		- MAXIMUM TRAVEL DISTANCE: 75' (IBC 1014.3)		
LIFE SAFETY: NFPA 101 LIFE SAFETY CODE (LSC), 2012 EDITION	- M MERCANTILE (CLASS C) (LSC 36.1.2.2)	M - MERCANTILE	668	30	22	NOTE 1		- MAXIMUM DEAD END CORRIDOR: 20' (IBC 1018.4)		
FIRE: INTERNATIONAL FIRE CODE (IFC), 2012 EDITION	- B BUSINESS	B - BUSINESS	896	100	8	NOTE 1		- MINIMUM CORRIDOR WIDTH: 44" (IBC 1018.2)		
ACCESSIBILITY: GEORGIA ACCESSIBILITY CODE- 2010 ADA STANDARDS FOR ACCESSIBLE DESIGN	1. IBC 508.4 BUILDINGS OR PORTIONS OF BUILDINGS THAT COMPLY WITH THE PROVISION OF THIS SECTION SHALL QUALIFY AS SEPARATE OCCUPANCIES.	NOTES:							- MINIMUM EXIT DOOR WIDTH: 32" (IBC 1008.1.1)	
MECHANICAL: INTERNATIONAL MECHANICAL CODE, 2012 EDITION	2. IBC 508.4.4 INDIVIDUAL OCCUPANCIES SHALL BE SEPARATED FROM ADJACENT OCCUPANCIES IN ACCORDANCE WITH TABLE 508.4	1. SEE AREA CALCULATIONS TABLE BELOW FOR MERCANTILE INDIVIDUAL SPACE ACTUAL OCCUPANT LOAD PER OCCUPIED AND KEY SPACES NOTED.							- COMMON PATH OF EGRESS TRAVEL: (IBC 1014.3)	
PLUMBING: INTERNATIONAL PLUMBING CODE, 2012 EDITION		AREA CALCULATIONS (FOR ALL OCCUPIED AND KEY SPACES)							-B: 100' (<= 30 OCC) 75' (> 30 OCC)	
GAS: INTERNATIONAL FUEL GAS CODE, 2012 EDITION		SPACE	OCCUPANCY SPACE	SQ. FT.	SQ. FT. PER OCC.	OCC. LOAD	EGRESS REQ'D	EGRESS PROV'D	REMARKS	-M: 75' (<= OR > 30 OCC)
ELECTRICAL: NATIONAL ELECTRICAL CODE (NEC), 2014 EDITION		CONCESSIONS	M	528	30	13	32"	32"	NOTE 2	
ENERGY: INTERNATIONAL ENERGY CONSERVATION CODE, 2009 EDITION		MEETING ROOM	B	609	15	41	32"	64"		
REFERENCES		CONCESSION STORAGE	M	130	115	1	32"	32"		
		UMPIRE'S LOCKER ROOM	B	143	50	3	32"	32"		
		GENERAL STORAGE(LARGE)	U	158	300	1	--	--		
		GENERAL STROAGE(SMALL)	U	87	300	1	--	--		
		NOTES:							FIRE PROTECTION SYSTEM / EQUIPMENT	
		1. SPACE SQUARE FOOTAGE NOTED REPRESENTS USABLE FLOOR AREA ONLY.							AUTOMATIC SPRINKLER SYSTEM : NO	
		2. CONCESSIONS SQUARE FEET INCLUDES CONCESSIONS WASHROOM SPACE.							FIRE ALARM SYSTEM : YES	
BUILDING DATA	OCCUPANT LOAD: 33 TOTAL	FIRE PROTECTION SYSTEM / EQUIPMENT								
CONSTRUCTION TYPE: V	NOTE: OCCUPANT LOAD NOTED IS FOR THE ENTIRE BUILDING BASED ON OCCUPIED SPACES. SEE AREA CALCULATION TABLE FOR OCCUPANT LOAD DISTRIBUTION PER KEY SPACES.	AUTOMATIC SPRINKLER SYSTEM : NO								
BUILDING HEIGHT: 24 FEET	OCCUPANCY SEPARATION: IBC TABLE 508.4 LSC TABLE 6.1.14.4.1	FIRE ALARM SYSTEM : YES								
NUMBER OF STORIES: 1	OCCUPANCIES REQUIRED WITH EXCEPTION M/B NO REQUIREMENT N/A									
TOTAL BUILDING AREA: 3,065	509.4 SEPARATION AND PROTECTION INCIDENTAL USE AREAS SHALL BE SEPARATED FROM THE REMAINDER OF THE BUILDING OR EQUIPPED WITH AN AUTOMATIC SPRINKLER SYSTEM, OR BOTH, IN ACCORDANCE WITH TABLE 509.									
BUILDING AREA - COVERED AREA: 393 SF										
BUILDING AREA - ENCLOSED SPACE: 2,672 SF										
SPRINKLED:										
NOTES:										
1. TOTAL BUILDING AREA INCLUDES THE COVERED AREA SPACE LOCATED ON THE SOUTH END OF THE BUILDING.										

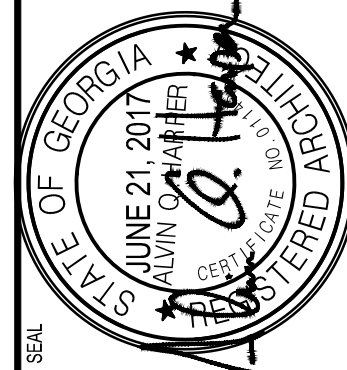
PROPERTY ADDRESS:
4635 BARCLAY DR.
DUNWOODY, GA 30338



Robert and Company
Engineers, Architects, Planners
3030 Peachtree Dunwoody Rd., Suite 300
Atlanta, Georgia 30338
404-577-4000 FAX: 404-577-7119

SKYLINE
ENGINEERING & CONSTRUCTION
P: 888.708.0661 F: 770.217.7530 www.skyline-ec.com

PRICING SET	ADDENDUM #1	ADDENDUM #3	ADDENDUM #4	BUILDING PLAN REVIEW	REVISION
04-19-2017	04-26-2017	05-09-2017	05-11-2017	06-21-2017	
MDC	MDC	MDC	MDC	MDC	BY
					DATE
					SYMBOL

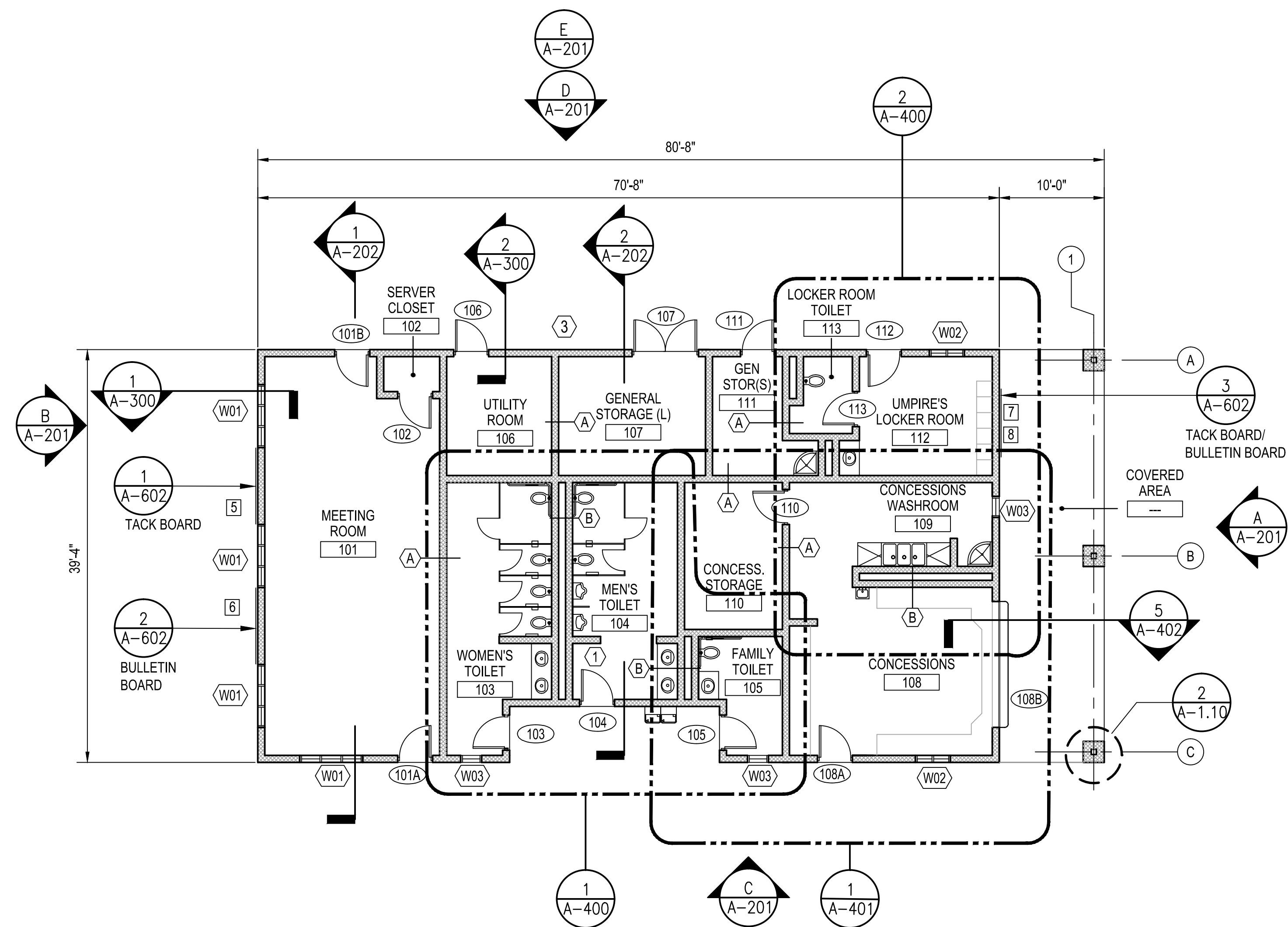


City of **Dunwoody**
PROJECT: BASEBALL FACILITIES AT BROOK RUN PARK

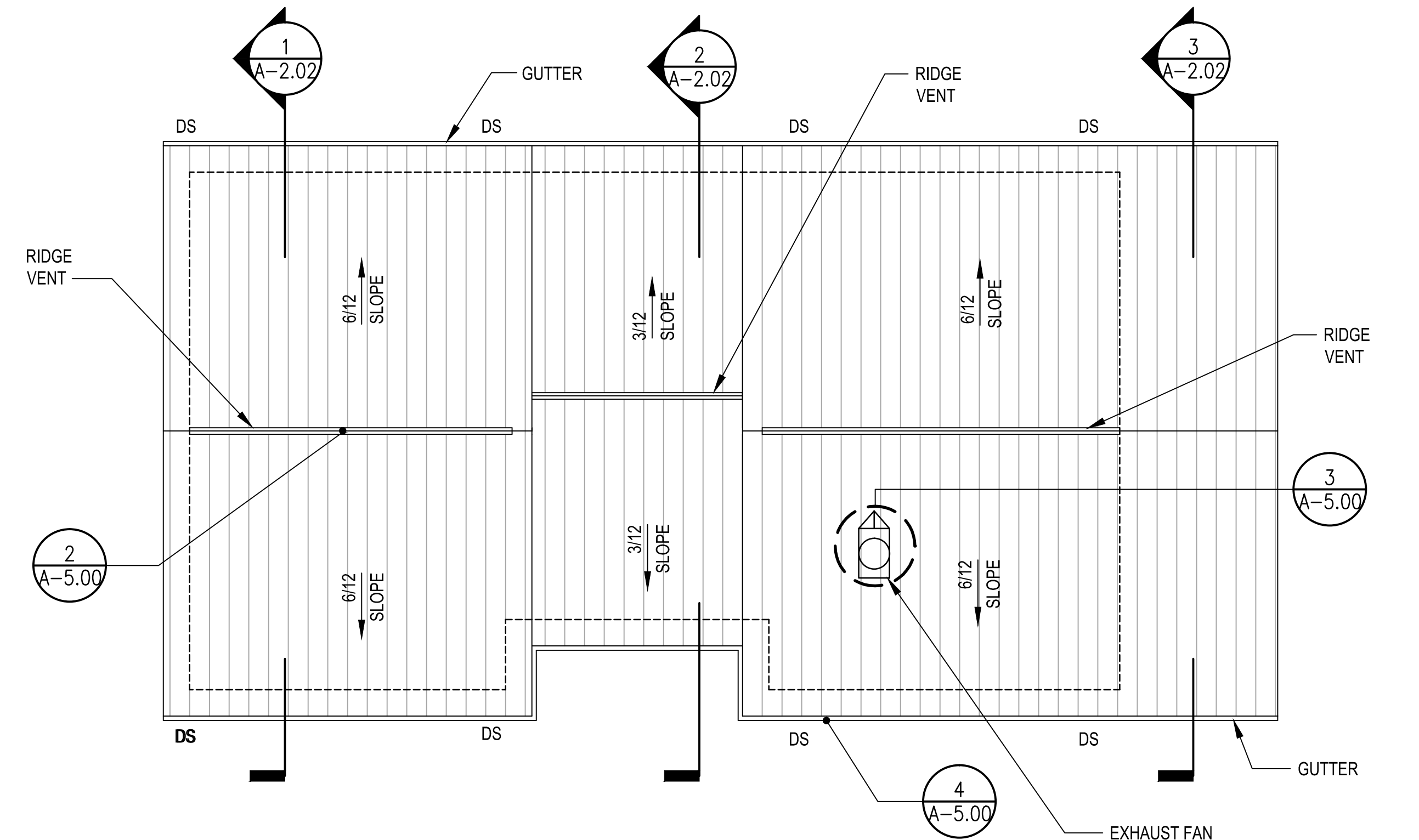
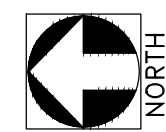
DESIGNED	DRAWN	CHECKED	DATE	SCALE	AS SHOWN
AH	TS	AH		C-1810-10	
PROJECT NO.	DRAWING TITLE	LIFE SAFETY PLAN AND CODE ANALYSIS			
DRAWING NO.	A-0.10				

SHEET OF

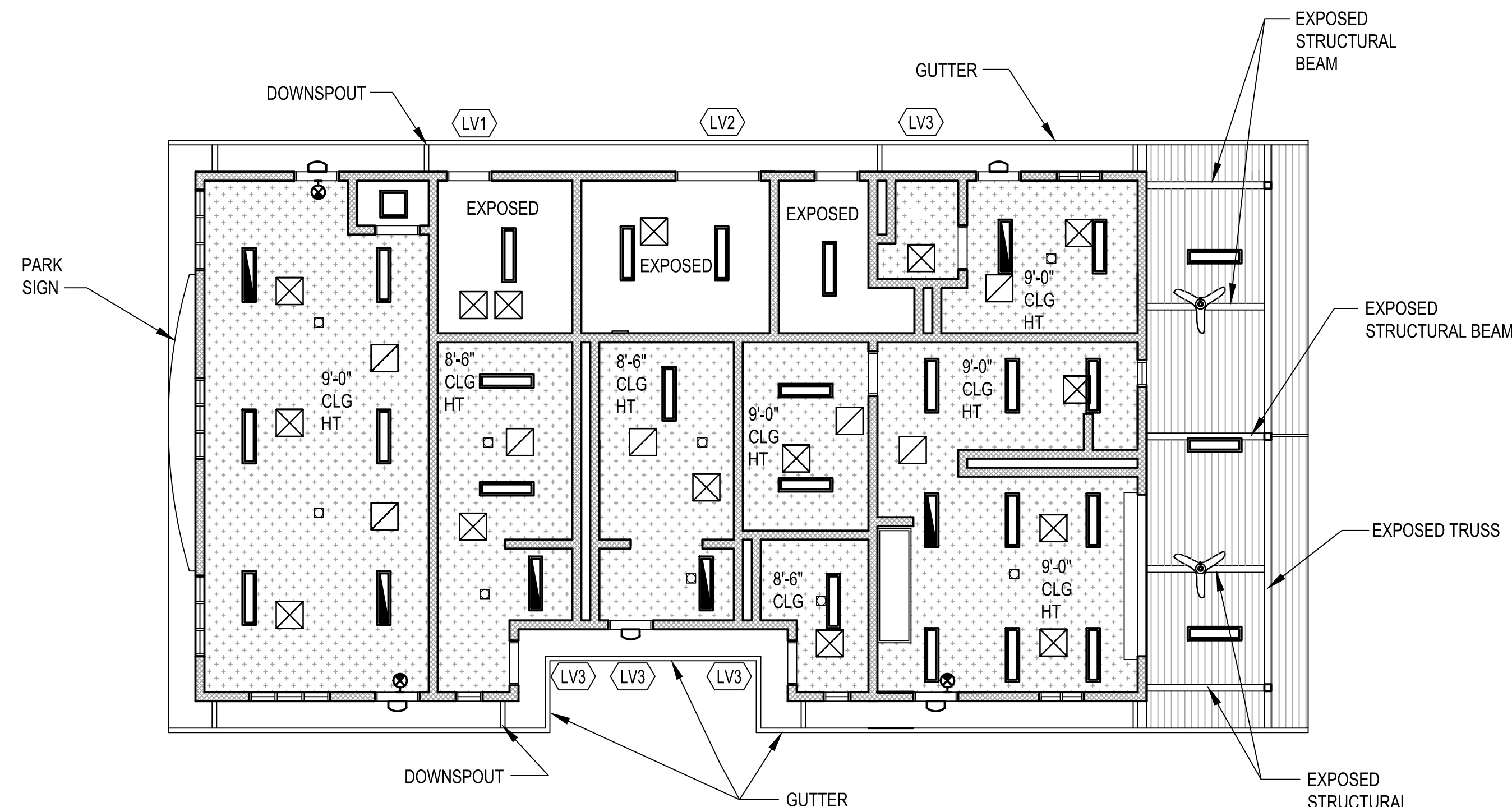
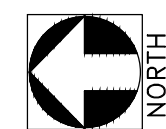
RAC #: 1700200



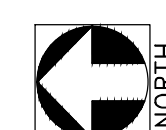
1 FLOOR PLAN
A-100 SCALE: 1/8" = 1'-0"



2 ROOF PLAN
A-100 SCALE: 1/8" = 1'-0"



3 REFLECTED CEILING PLAN
A-100 SCALE: 1/8" = 1'-0"



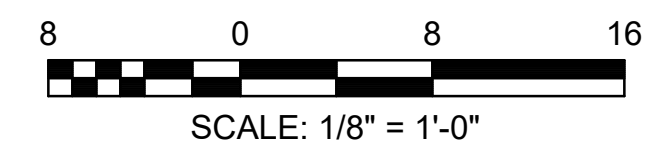
- FLOOR PLAN KEY NOTES:**
- ACCESS PANEL. SEE DWG 1/A-4.00 FOR INSTALLATION OF PLUMBING ACCESS PANEL.
 - PROVIDE ACCESS PANELS FOR SETTING OF WATER HAMMER ARRESTORS. REFER TO PLUMBING PLANS.
 - HVAC EQUIPMENT FENCE ENCLOSURE. SEE 1/A-8.00 FOR FENCE ENCLOSURE AROUND HVAC EQUIPMENT.

- FLOOR PLAN LEGEND:**
- CMU WALL
 - 5'-0" WHEELCHAIR MANEUVERING CLEARANCE - SHOWN FOR GRAPHIC PURPOSES ONLY

- FLOOR PLAN NOTES:**
- CONCRETE SLAB CONTROL JOINTS. SEE FOUNDATION PLAN FOR LOCATION OF CONCRETE SLAB CONTROL JOINTS.
 - CMU WALLS/ PLUMBING FIXTURES. IN ALL LOCATIONS WHERE PLUMBING FIXTURES AND LAVATORY COUNTERTOPS ARE TO BE INSTALLED, GROUT CMU CELLS SOLID.

- RCP / ROOF PLAN NOTES:**
- CEILING HEIGHTS. WHERE THE CEILING HEIGHT IS NOT NOTED FOR A SPACE, SEE FINISH SCHEDULE FOR FINISH CEILING HEIGHTS.
 - COORDINATE INSTALLATION OF SMALL DIAMETER ROOF PENETRATIONS (PLUMBING VENT, DAYLIGHT TUBES, ETC.) TO ENSURE PENETRATION OCCURS BETWEEN METAL ROOF PANEL STANDING SEAMS.
 - TONGUE/GROOVE FINISH CEILING ON FIELD HOUSE BUILDING COVERED AREA, COORDINATE INSTALLATION OF ROOF WOOD PANELS AND TONGUE/GROOVE TO ENSURE NO FASTENERS PENETRATE THE TONGUE/GROOVE BOARDS. ANY TONGUE/GROOVE BOARDS DAMAGED BY EXPOSED FASTENERS WILL BE REMOVED AND REPLACED.

- REFLECTED CEILING KEY PLAN:**
- ARCHITECTURAL:**
- PLYWOOD CEILING
 - TONGUE / GROVE CEILING
 - DAYLIGHT TUBES
 - FAN
- MECHANICAL:**
- EXHAUST FAN
 - SUPPLY DIFFUSER
 - RETURN GRILLE
 - EXHAUST HOOD
- ELECTRICAL:**
- LED LIGHT FIXTURE
 - LED LIGHT FIXTURE- EMERGENCY FIXTURE
 - BUILDING LIGHT FIXTURE
 - EXIT SIGN

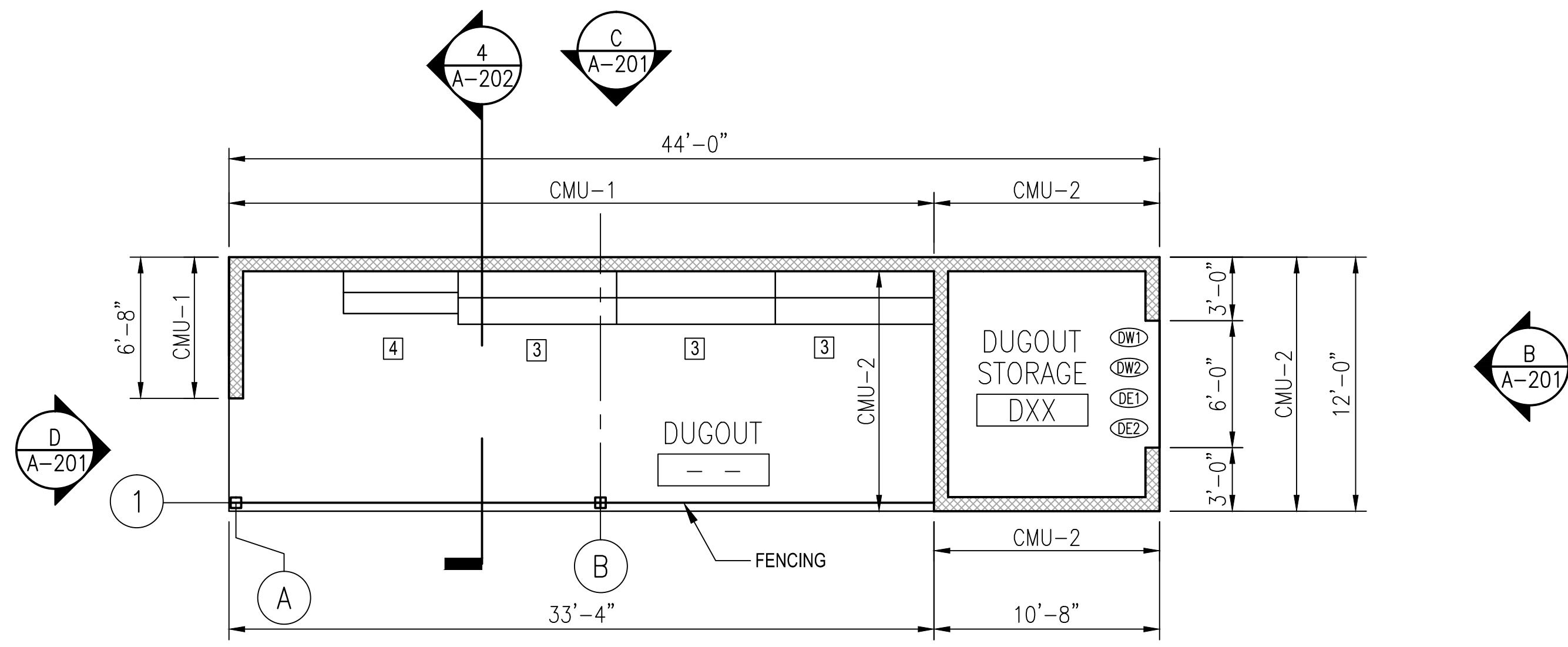


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Atlanta, Georgia 30303-1639
404-577-4000 FAX: 404-577-7119

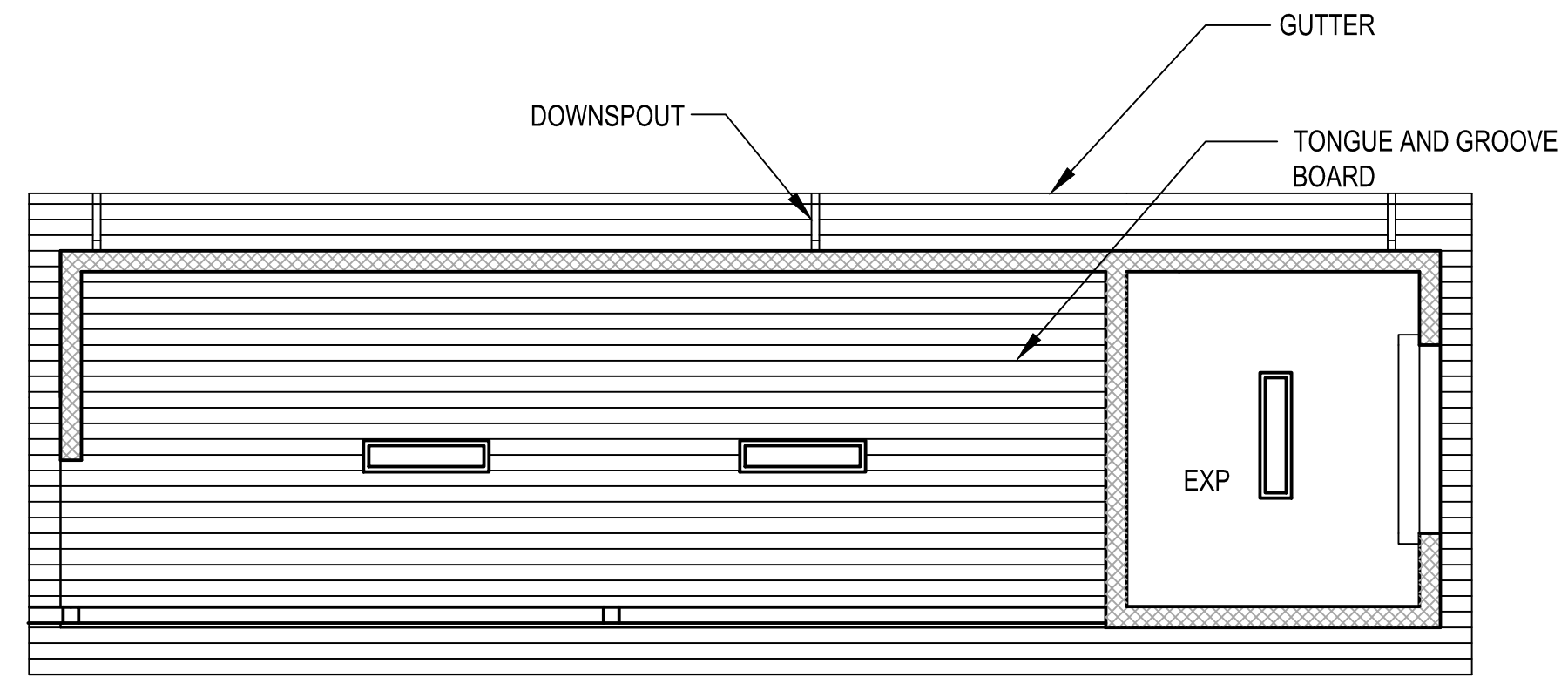
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PRICING SET	ADDENDUM #1	ADDENDUM #3	ADDENDUM #4	BUILDING PLAN REVIEW	REVISION
04-19-2017	04-26-2017	06-06-2017	08-11-2017	08-21-2017	
MDC	MDC	MDC	MDC	MDC	BY
					DATE
					SYMBOL

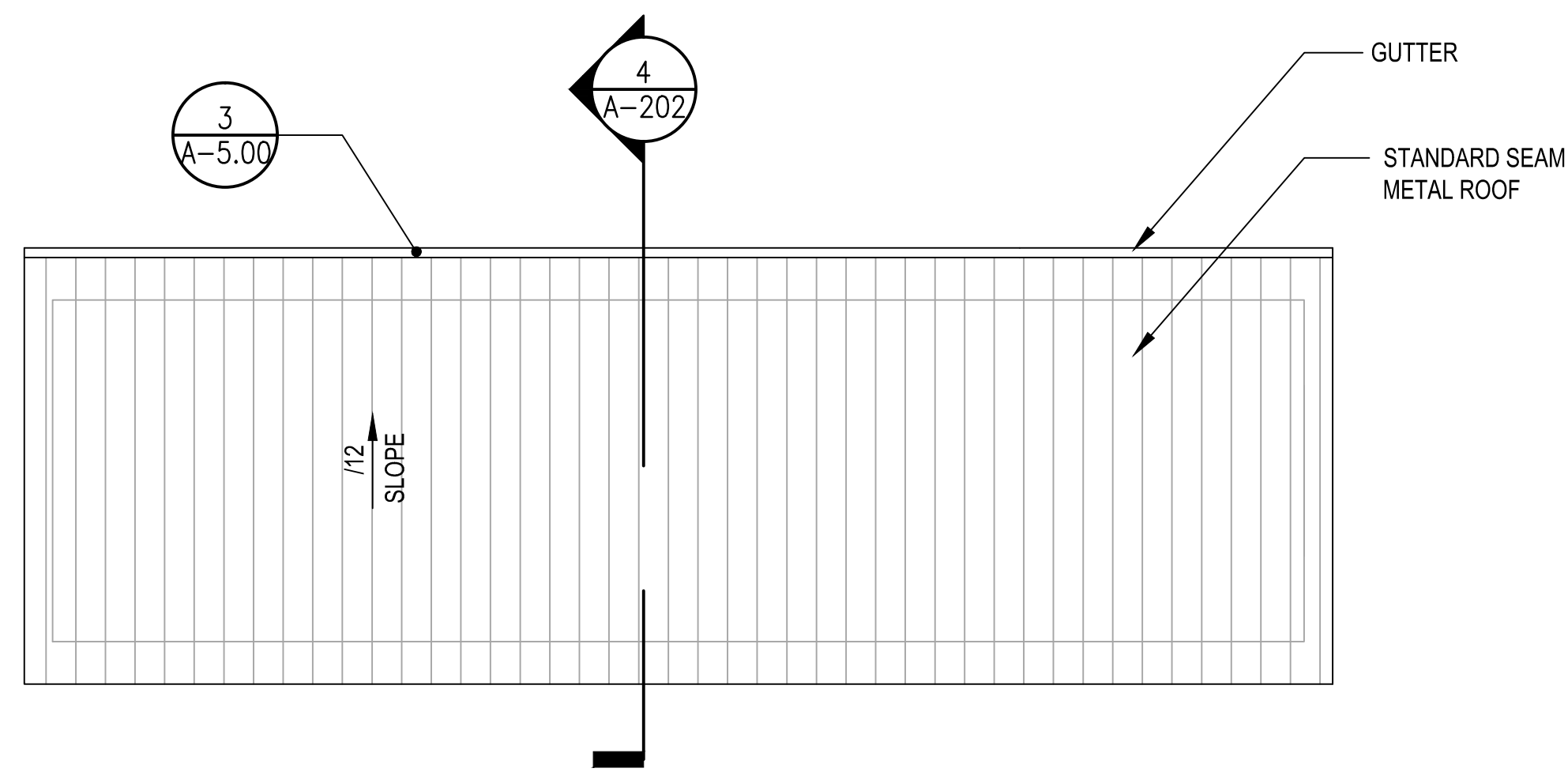
City of **Dunwoody**
PROJECT: BASEBALL FACILITIES AT BROOK RUN PARK
CLIENT: AS SHOWN
DESIGNED: AH
DRAWN: TS
CHECKED: AH
DATE: C-1810-10
SCALE: AS SHOWN
DRAWING TITLE: FIELDHOUSE FLOOR, ROOF AND REFLECTED CEILING PLAN
SHEET OF
A-1.00
RAC #: 1700200



1 DUGOUT FLOOR PLAN
SCALE: 3/16" = 1'-0"



2 REFLECTED CEILING PLAN
SCALE: 3/16" = 1'-0"



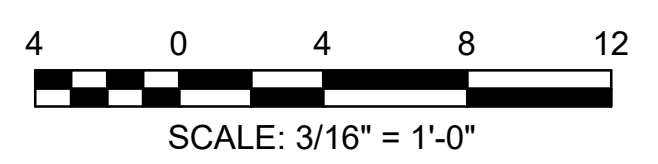
3 ROOF PLAN
SCALE: 3/16" = 1'-0"

FINISH NOTES:

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

FLOOR PLAN NOTES:

- DUGOUT FLOOR PLAN IS 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 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.
- CONCRETE SLAB CONTROL JOINTS. SEE FOUNDATION PLAN FOR LOCATION OF CONCRETE SLAB CONTROL JOINTS.



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PRICING SET	ADDENDUM #1	ADDENDUM #3	ADDENDUM #4	BUILDING PLAN REVIEW	REVISION
04-19-2017	MDC	MDC	MDC	MDC	BY
04-26-2017	MDC	MDC	MDC	MDC	DATE
05-05-2017	MDC	MDC	MDC	MDC	BY
05-11-2017	MDC	MDC	MDC	MDC	DATE
06-21-2017	MDC	MDC	MDC	MDC	BY
					DATE

STATE OF GEORGIA
JUNE 21, 2017
ALVIN C. HARTER
REGISTERED PROFESSIONAL ENGINEER
No. 10000

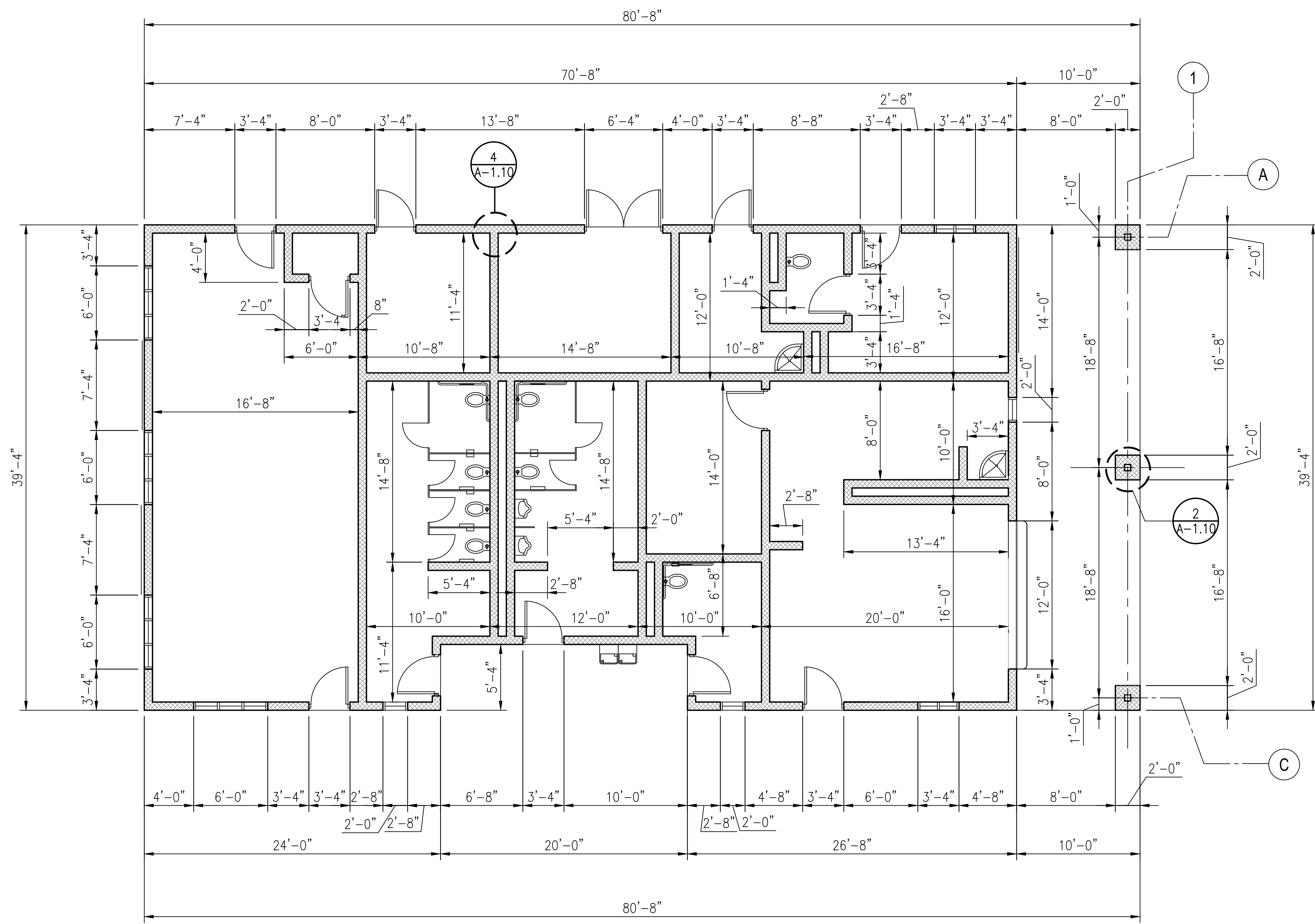
CLIENT: City of Dunwoody
PROJECT: BASEBALL FACILITIES AT BROOK RUN PARK

DESIGNED: AH
DRAWN: TS
CHECKED: AH
DATE: AS SHOWN

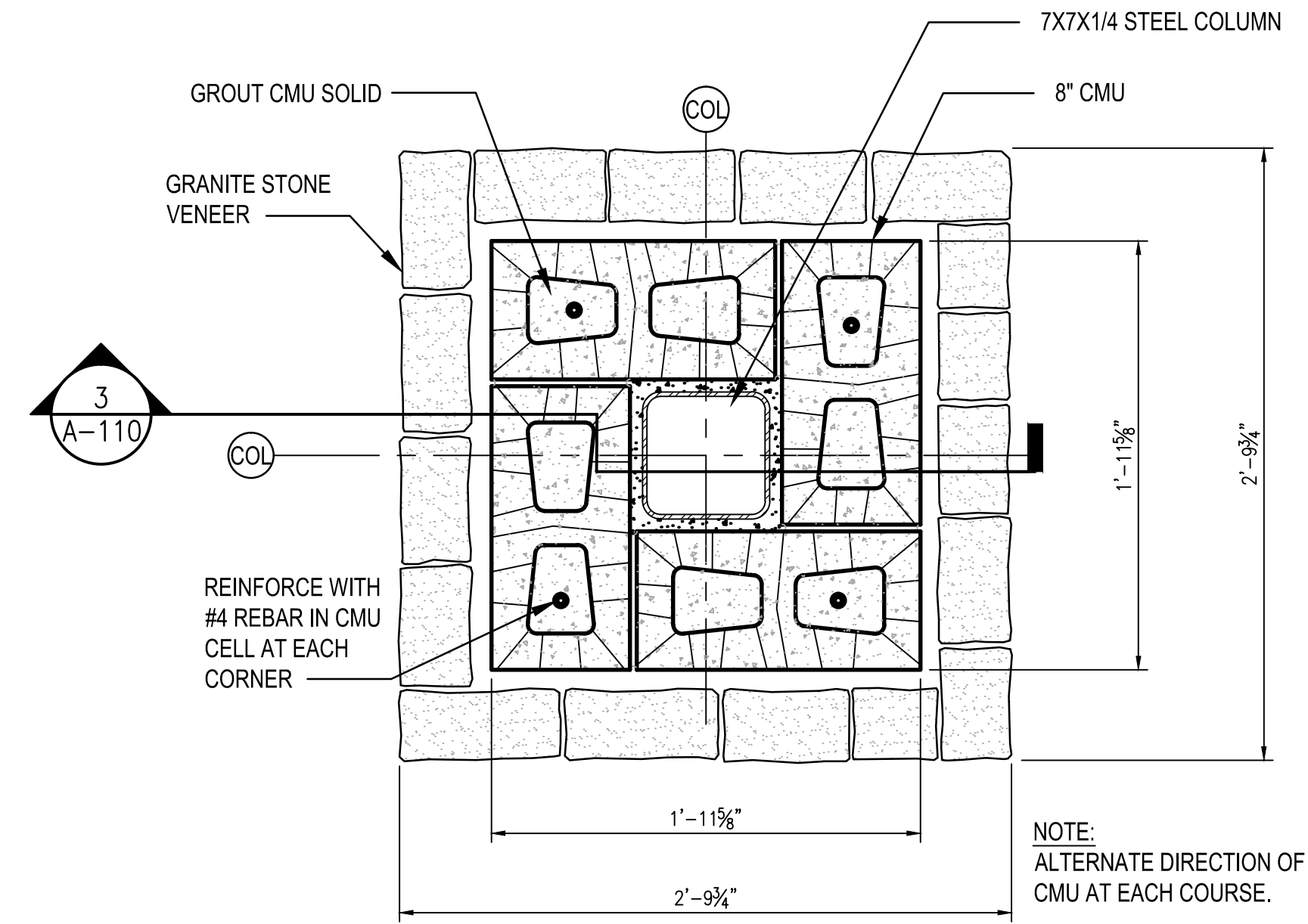
DRAWING NO. C-1810-10
DRAWING TITLE: DUGOUT FLOOR, ROOF AND REFLECTED CEILING PLAN

SHEET OF **A-1.01**

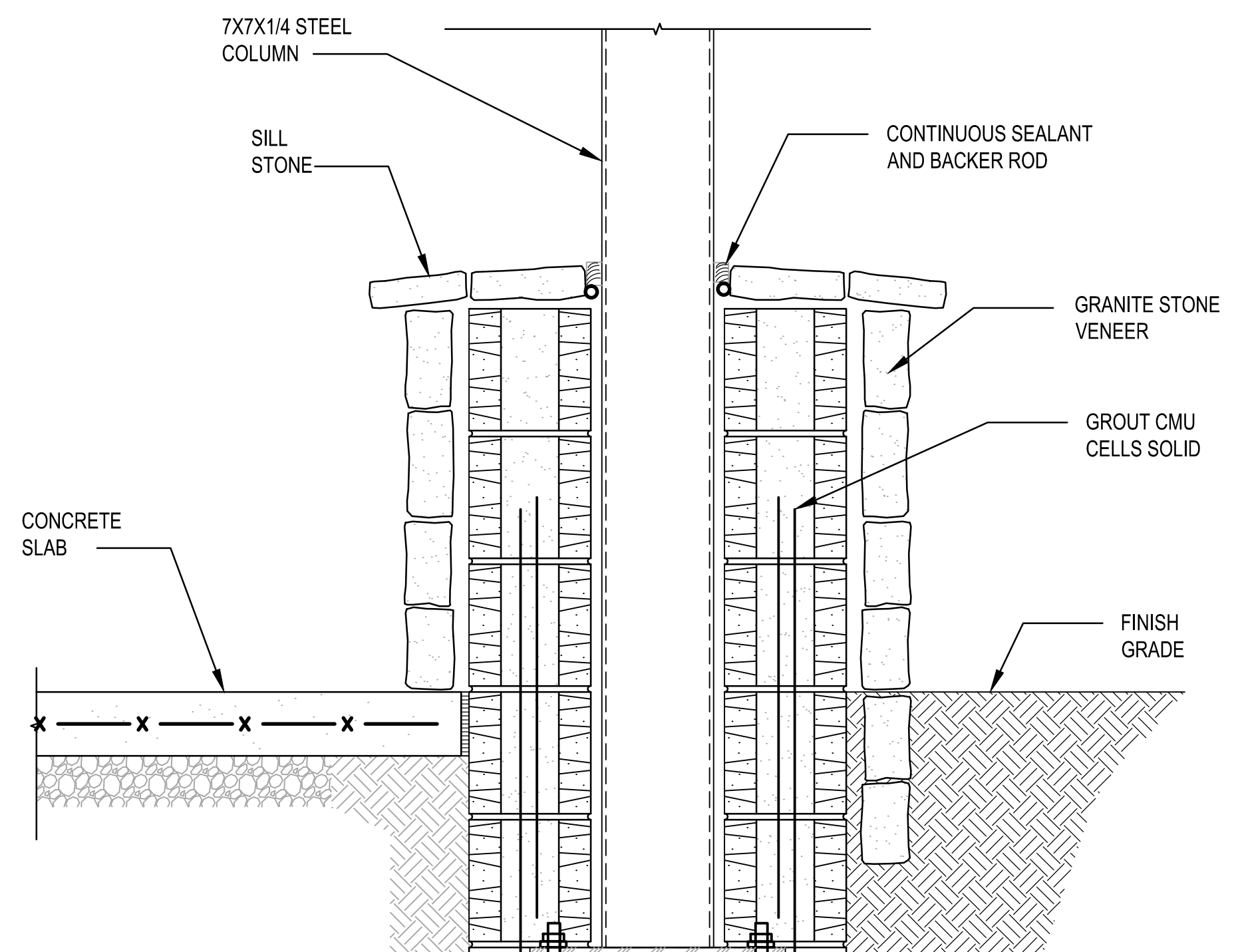
RAC #: 1700200



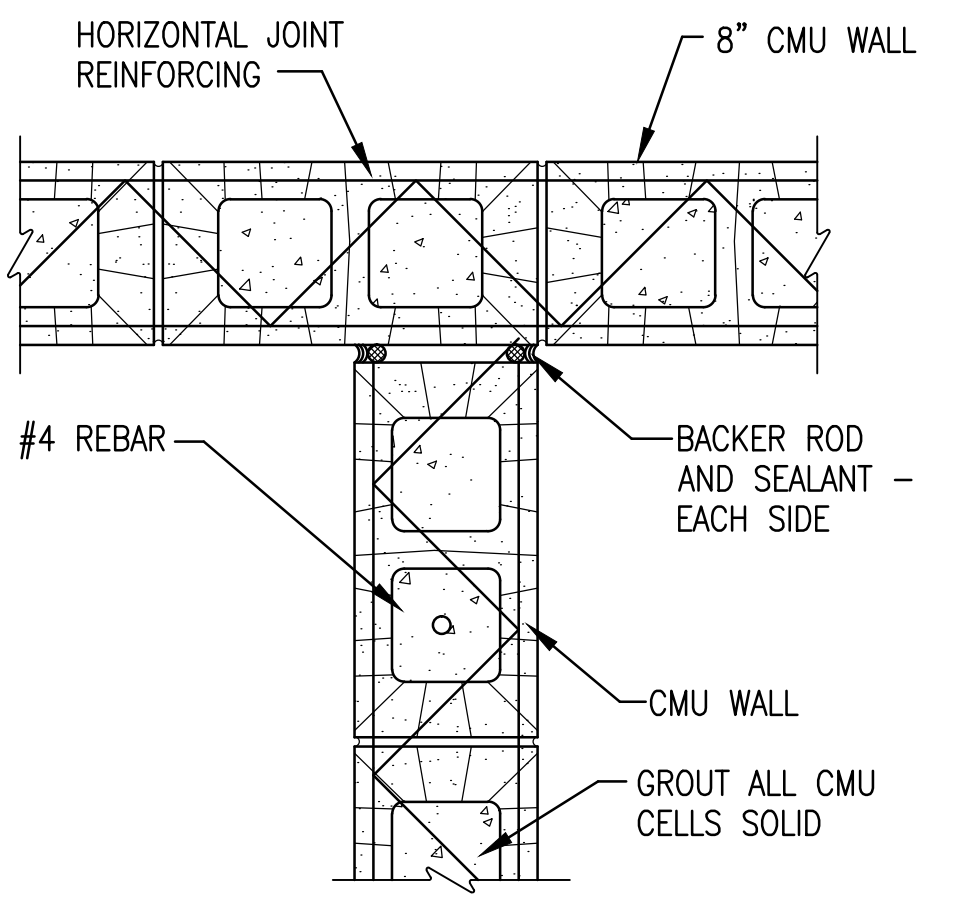
1 DIMENSIONED FLOOR PLAN
A-110 SCALE: 3/16" = 1'-0"



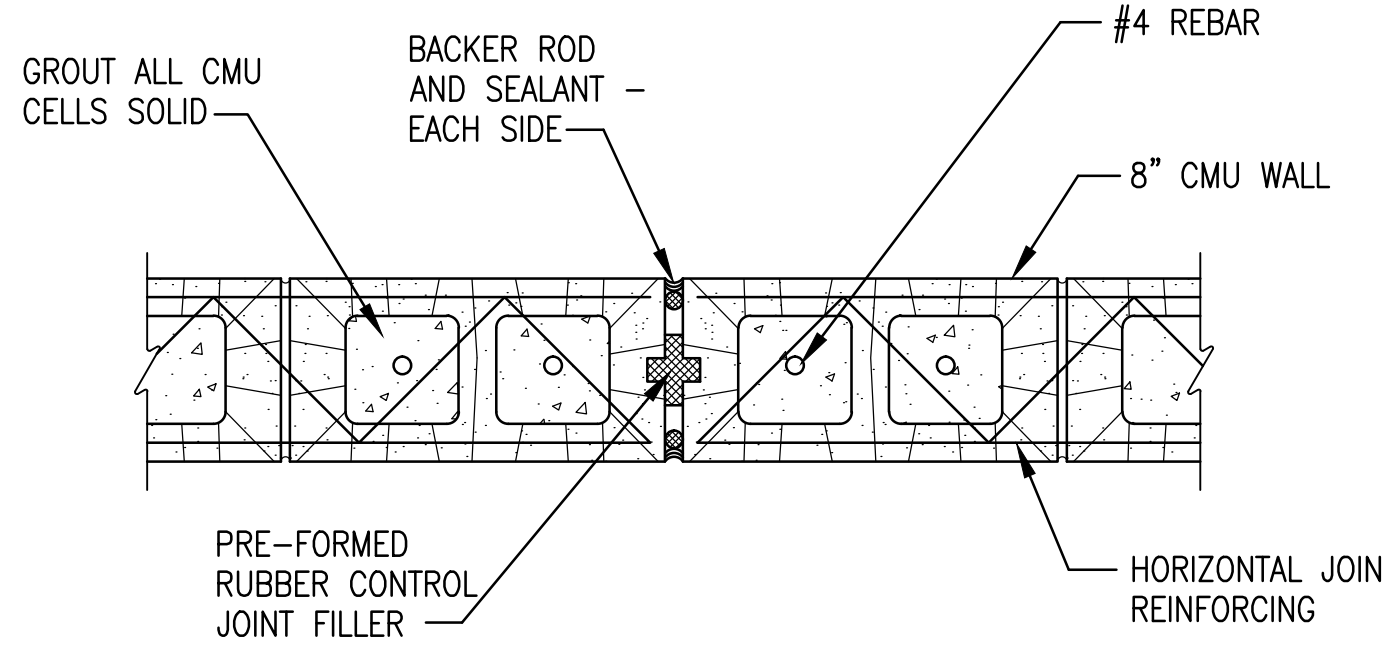
2 CMU - COLUMN BASE PLAN DETAIL
A-110 SCALE: 1 1/2" = 1'-0"



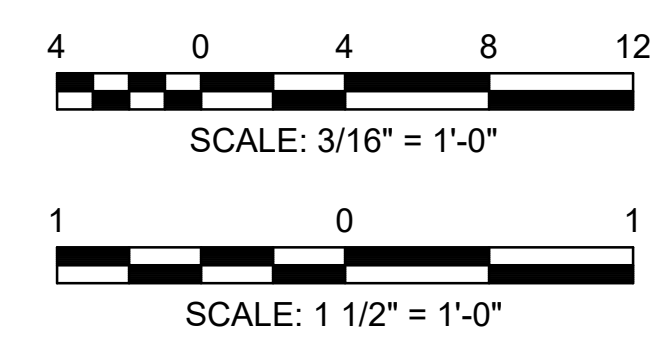
3 COLUMN BASE DETAIL
A-110 SCALE: 1 1/2" = 1'-0"



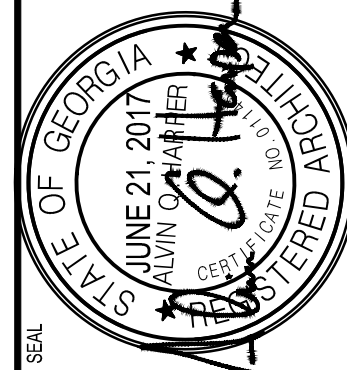
4 CMU CONTROL JOINT DETAIL - TYPICAL
A-110 SCALE: 1 1/2" = 1'-0"



5 CMU CONTROL JOINT DETAIL - TYPICAL
A-110 SCALE: 1 1/2" = 1'-0"

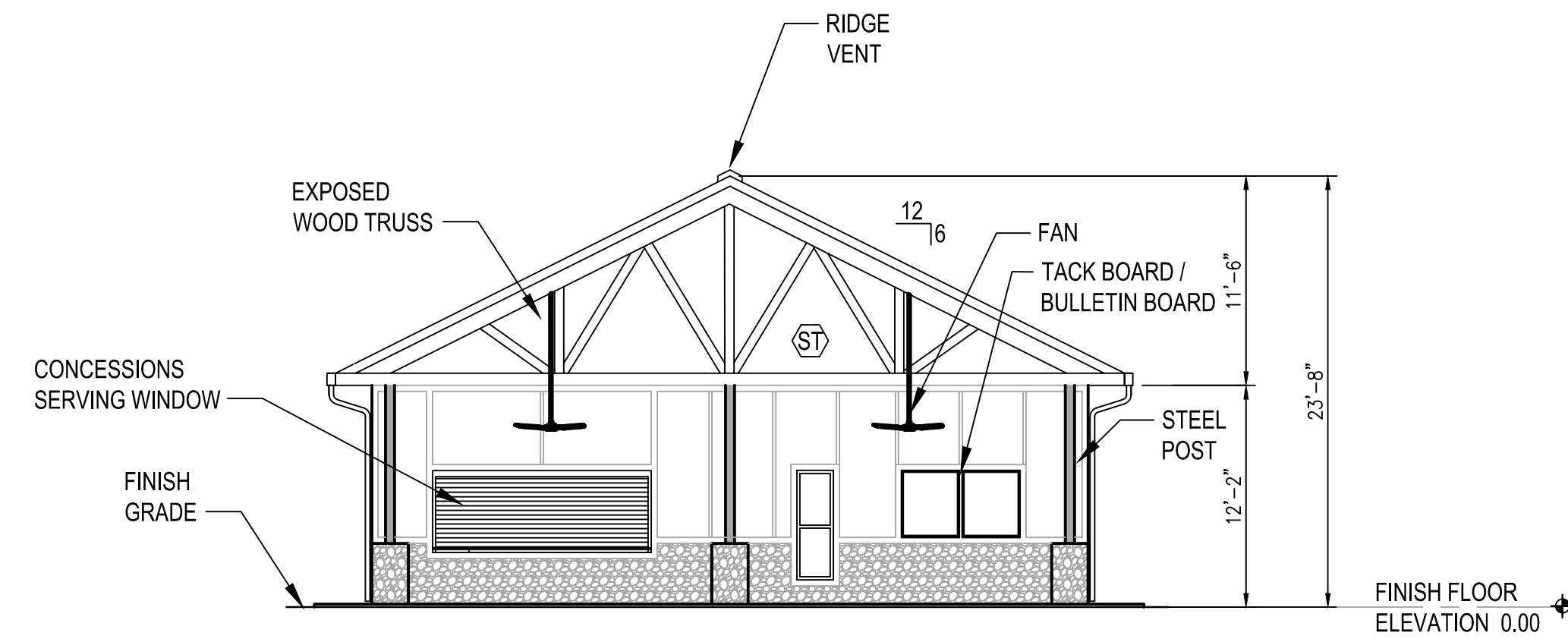


PRICING SET	ADDENDUM #1	ADDENDUM #2	ADDENDUM #3	ADDENDUM #4	BUILDING PLAN REVIEW	REVISION
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04-26-2017	MDC	MDC	MDC	MDC	MDC	DATE
06-06-2017	MDC	MDC	MDC	MDC	MDC	SYMBOL
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08-21-2017	MDC	MDC	MDC	MDC	MDC	DATE

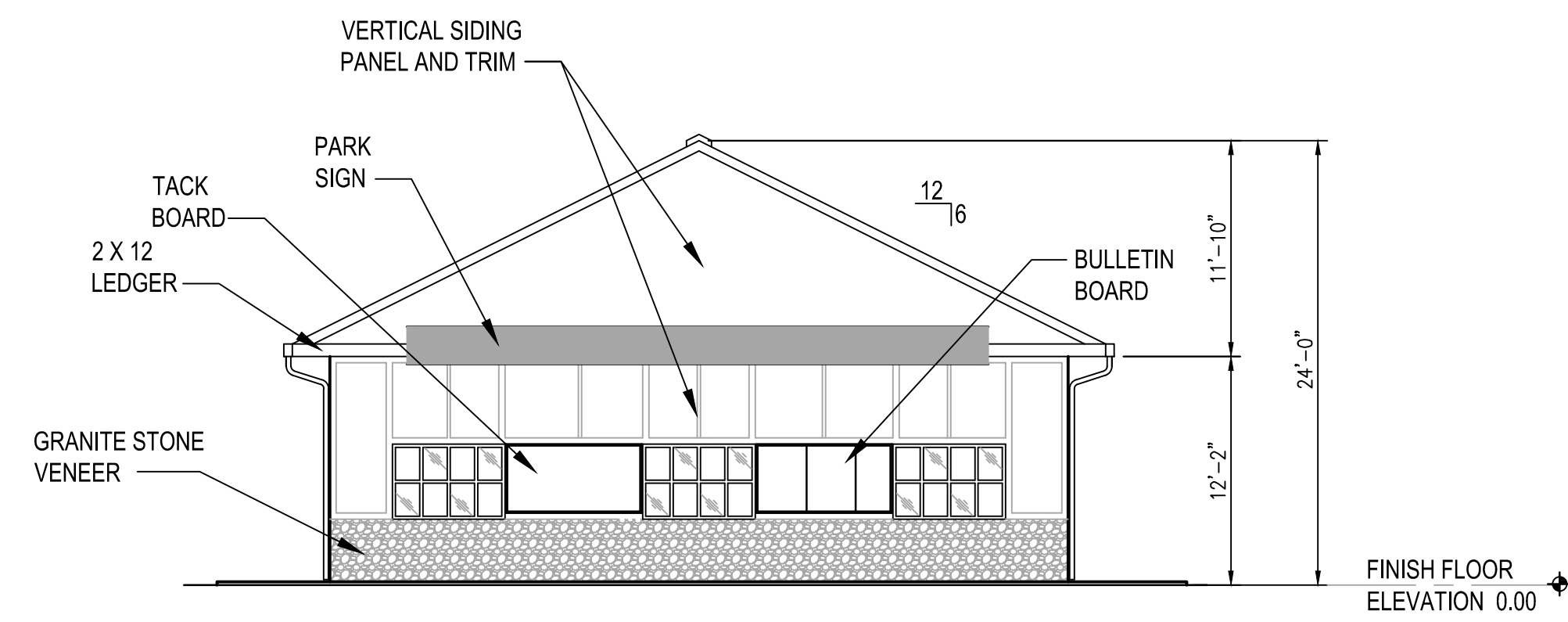


City of **Dunwoody**
PROJECT: BASEBALL FACILITIES AT BROOK RUN PARK

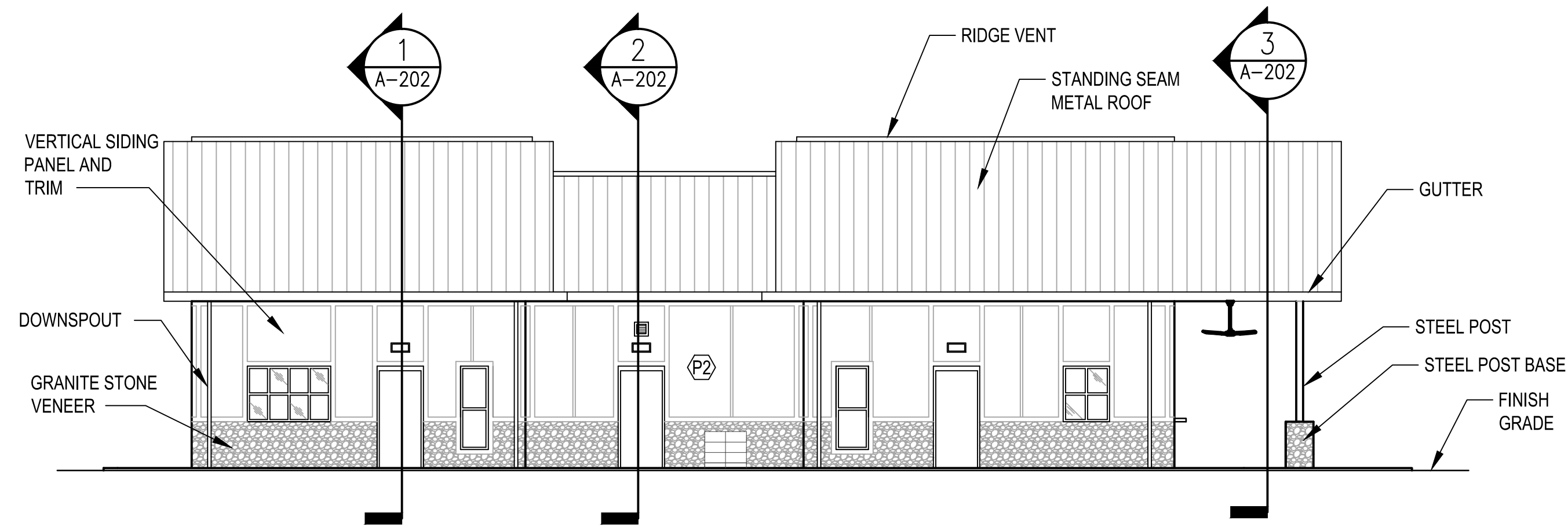
DESIGNED	DRAWN	CHECKED	DATE	SCALE	AS SHOWN
AH	TS	AH		C-1810-10	AS SHOWN
DRAWING TITLE: DIMENSIONED FLOOR PLAN AND DETAILS					SHEET
DRAWING NO. A-110					OF



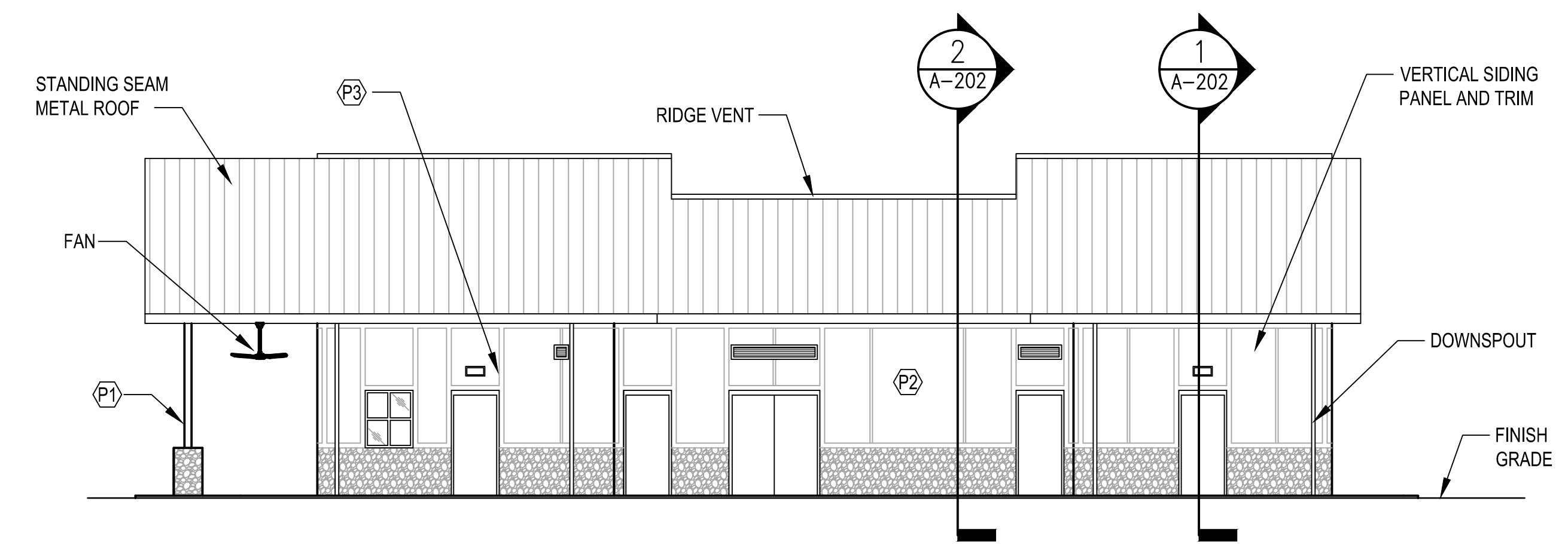
A SOUTH ELEVATION
A-200 SCALE: 1/8" = 1'-0"



B NORTH ELEVATION
A-200 SCALE: 1/8" = 1'-0"



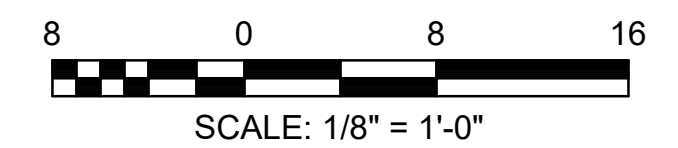
C WEST ELEVATION
A-200 SCALE: 1/8" = 1'-0"



D EAST ELEVATION
A-200 SCALE: 1/8" = 1'-0"

ELEVATION NOTES:
1. PARK SIGN, PARK SIGN TO BE DETERMINED, PROVIDE ALLOWANCE FOR 31'X2'. SEE SPECIFICATION SECTION.

COLOR SCHEDULE KEYNOTES:
PX SEE COLOR SCHEDULE
ST SEE COLOR SCHEDULE

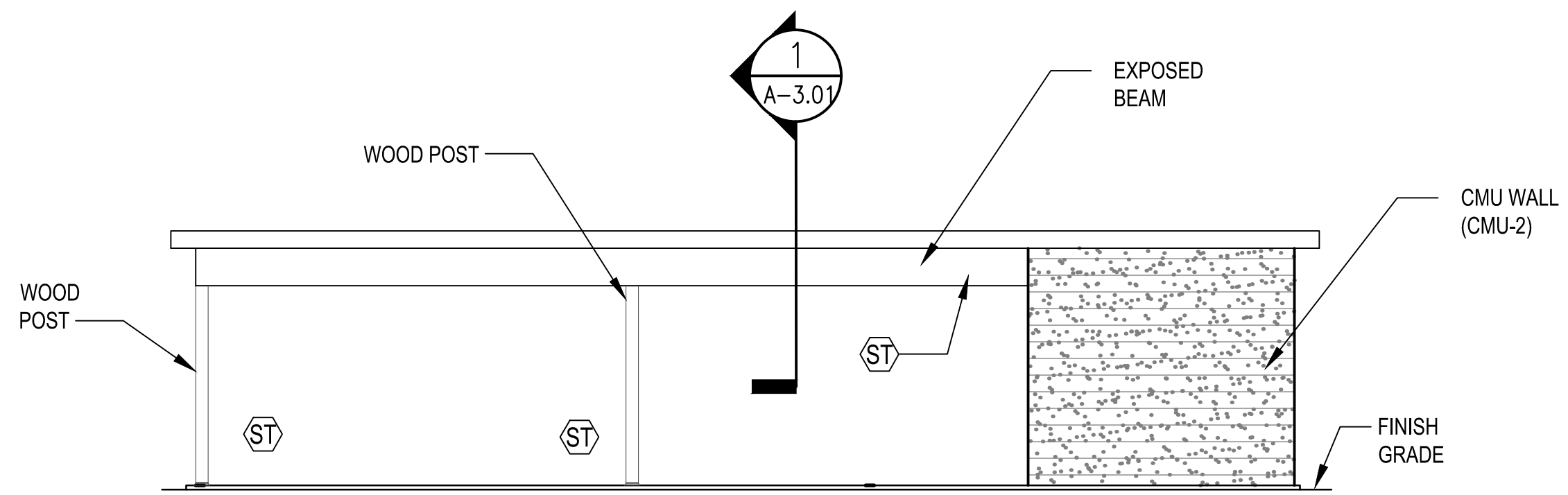


PRICING SET	ADDENDUM #1	ADDENDUM #3	ADDENDUM #4	BUILDING PLAN REVIEW	REVISION
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					SYMBOL



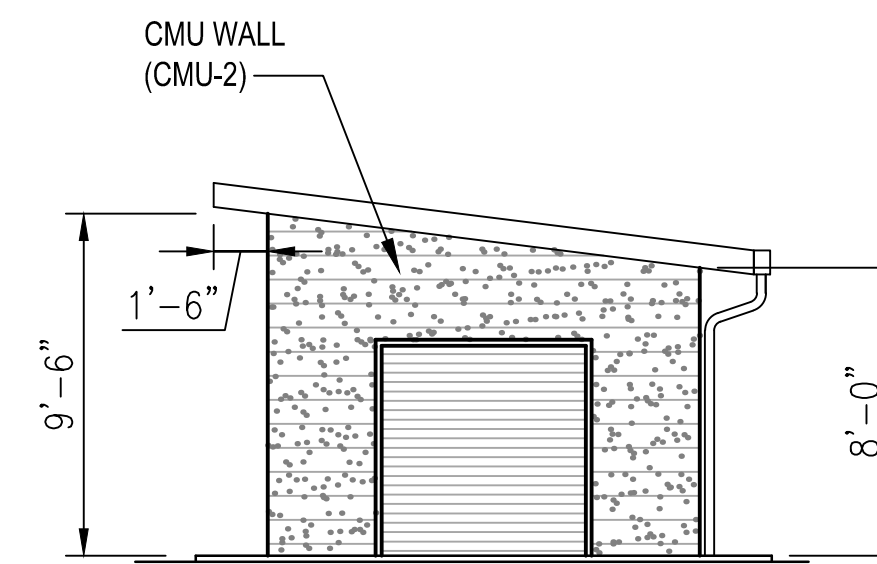
City of **Dunwoody**
PROJECT: BASEBALL FACILITIES AT BROOK RUN PARK

DESIGNED	DRAWN	CHECKED	DATE	SCALE	AS SHOWN
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PROJECT NO.	FIELD HOUSE BUILDING ELEVATIONS				
C-1810-10					
DRAWING TITLE					
A-200					
SHEET	OF				



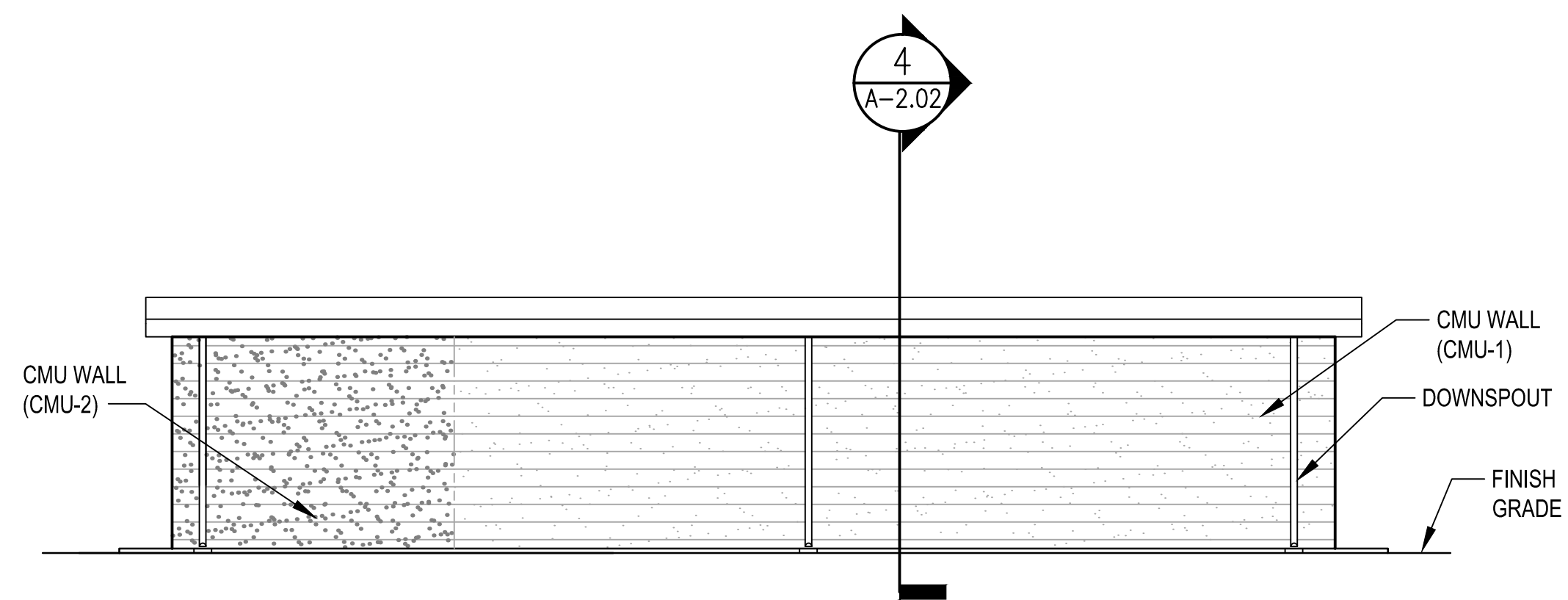
A FRONT ELEVATION

A-201 SCALE: 3/16" = 1'-0"
NOTE: FENCING NOT SHOWN FOR DRAWING CLARITY



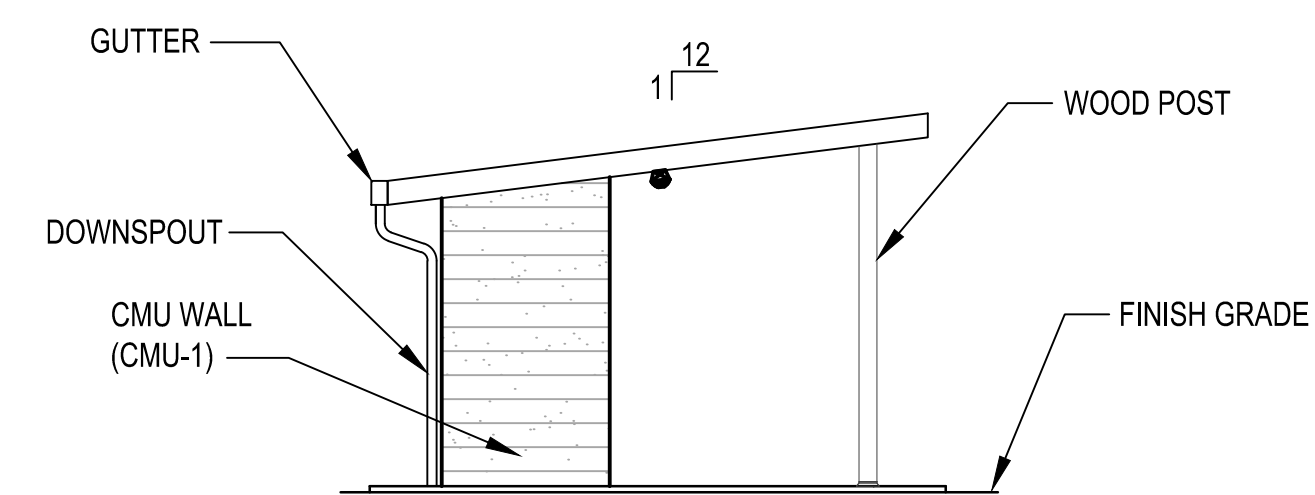
B SIDE ELEVATION

A-201 SCALE: 3/16" = 1'-0"



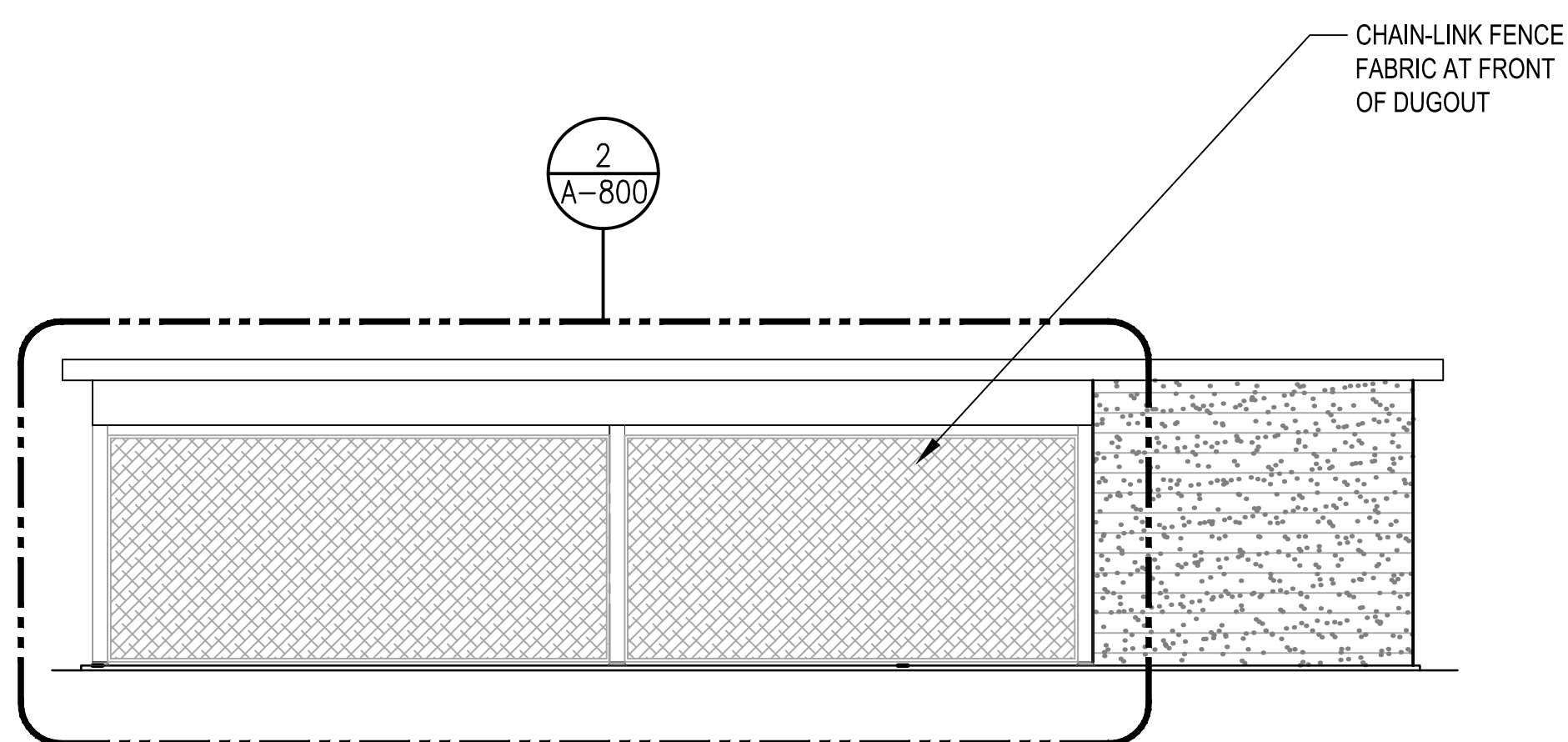
C REAR ELEVATION

A-201 SCALE: 3/16" = 1'-0"



D SIDE ELEVATION

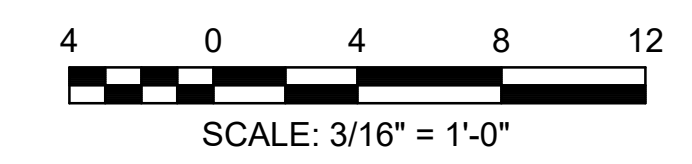
A-201 SCALE: 3/16" = 1'-0"



E FRONT ELEVATION

A-201 SCALE: 3/16" = 1'-0"
NOTE: FENCING SHOWN

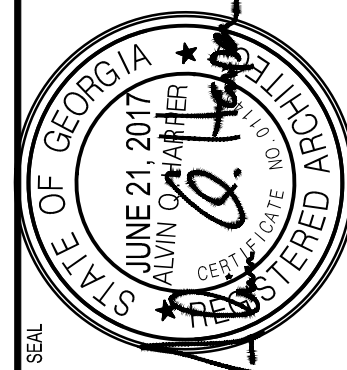
COLOR SCHEDULE KEYNOTES:
 SEE COLOR SCHEDULE



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PRICING SET	ADDENDUM #1	ADDENDUM #3	ADDENDUM #4	BUILDING PLAN REVIEW	REVISION
MDC	MDC	MDC	MDC	MDC	BY
04-19-2017	04-26-2017	06-06-2017	06-11-2017	06-21-2017	DATE
					BY
					DATE
					BY
					DATE

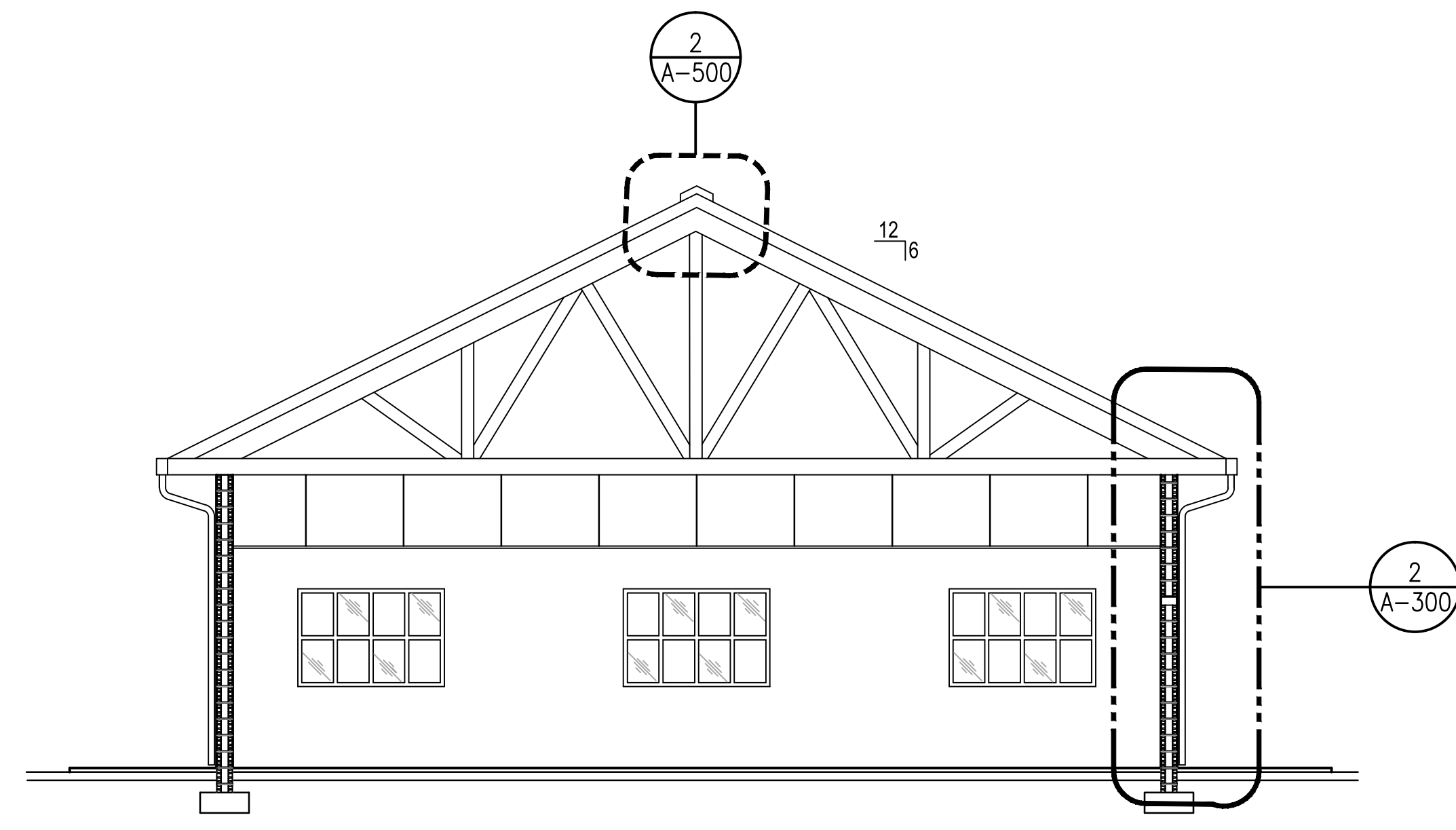


City of **Dunwoody**
 PROJECT: BASEBALL FACILITIES AT BROOK RUN PARK

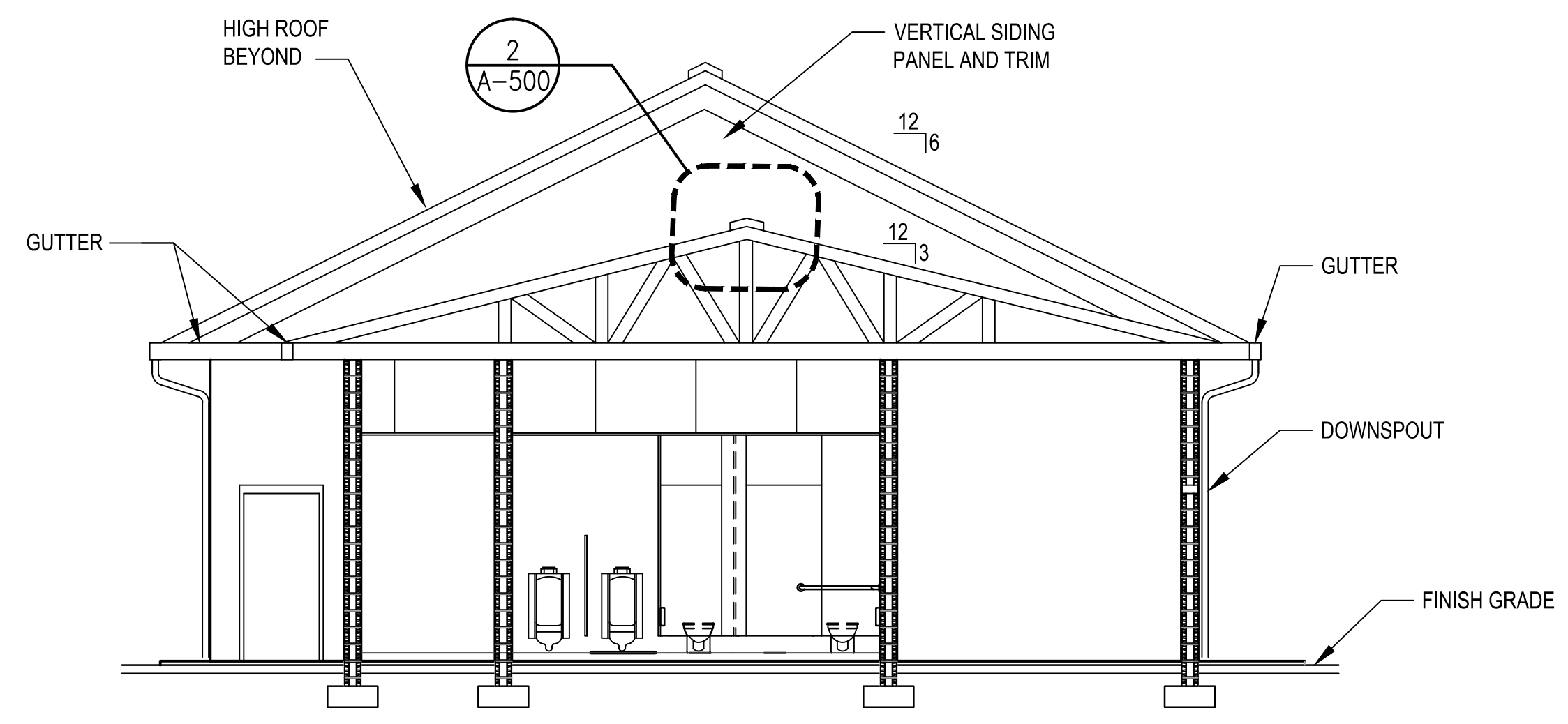
DESIGNED	DRAWN	CHECKED	DATE	SCALE	AS SHOWN
AH	TS	AH			
PROJECT NO. C-1810-10				DRAWING TITLE DUGOUT BUILDING ELEVATIONS	

SHEET **A-2.01** OF

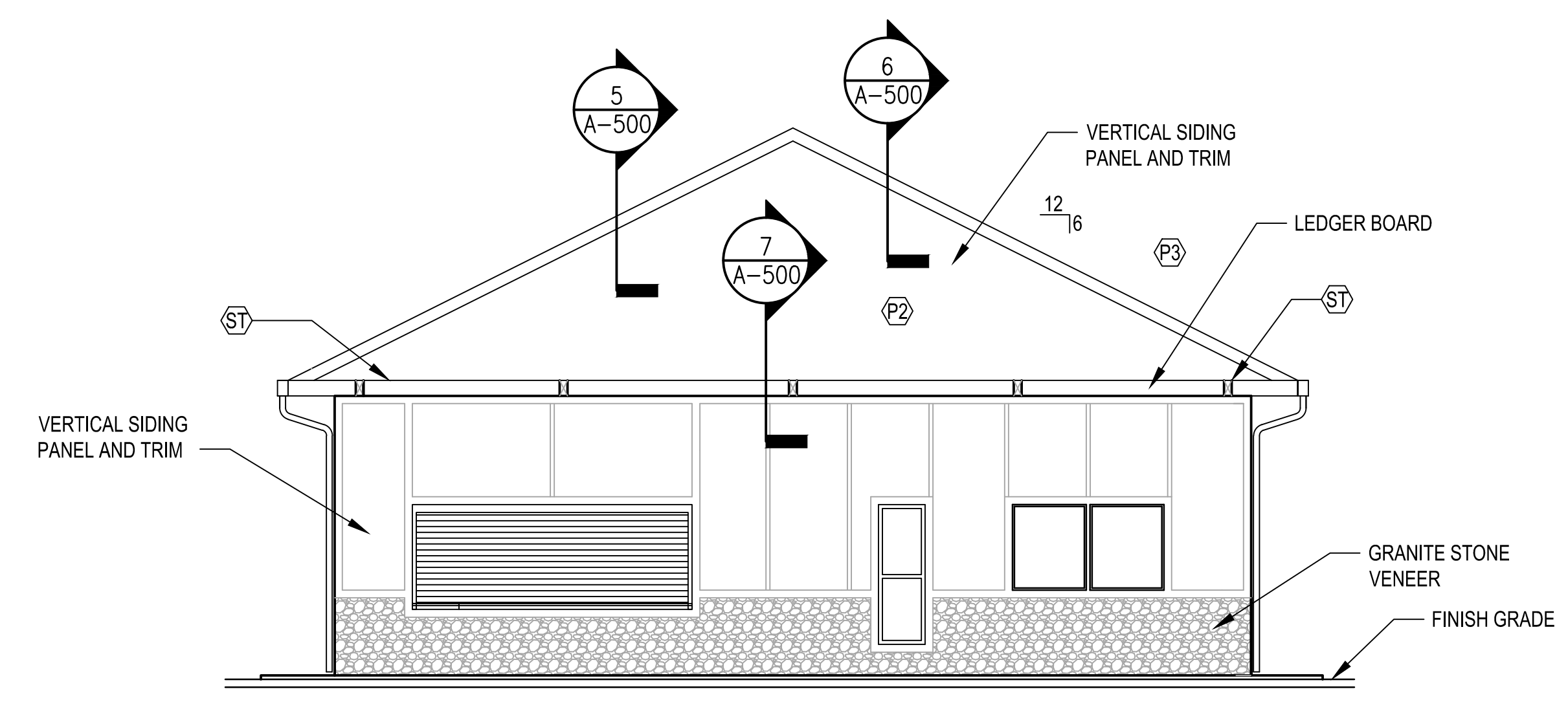
RAC #: 1700200



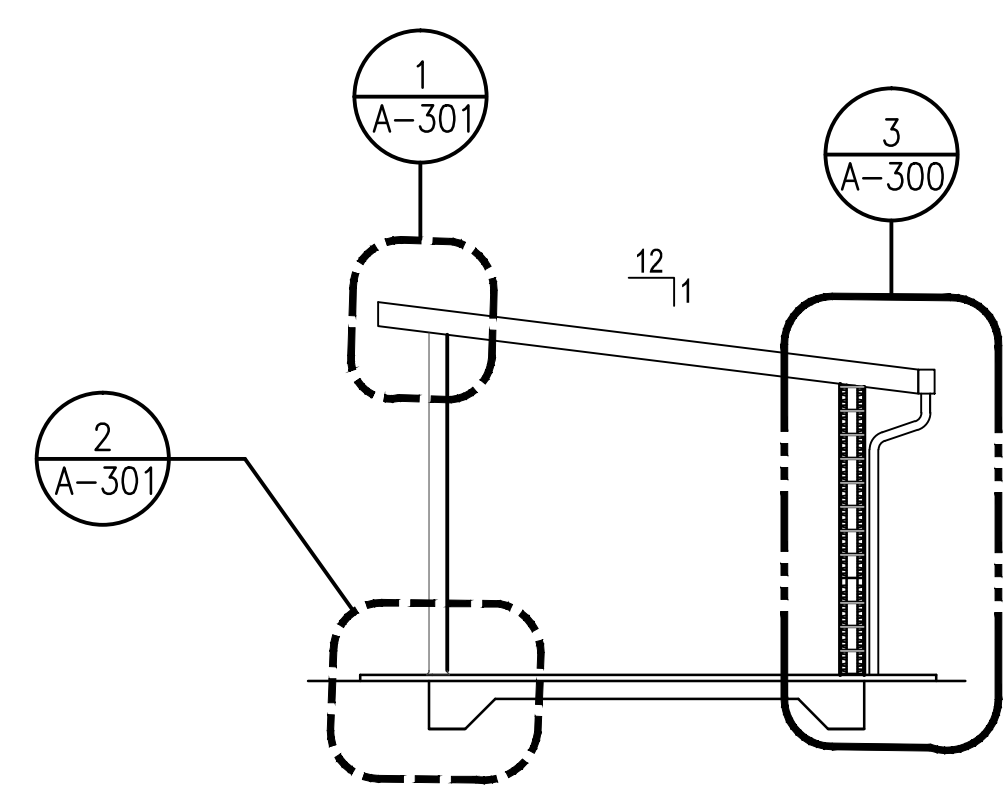
1 FIELDHOUSE BUILDING CROSS SECTION - HIGH ROOF
A-202 SCALE: 3/16" = 1'-0"



2 FIELDHOUSE BUILDING CROSS SECTION - LOW ROOF
A-202 SCALE: 3/16" = 1'-0"



3 FIELDHOUSE BUILDING CROSS SECTION - COVERED AREA
A-202 SCALE: 3/16" = 1'-0"



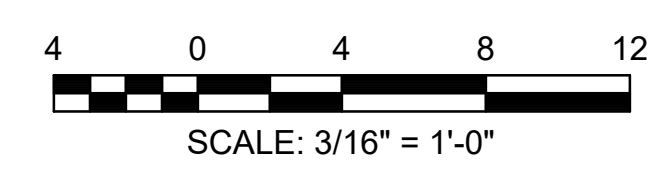
4 DUGOUT BUILDING CROSS SECTION
A-202 SCALE: 3/16" = 1'-0"

BUILDING SECTION NOTES:

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

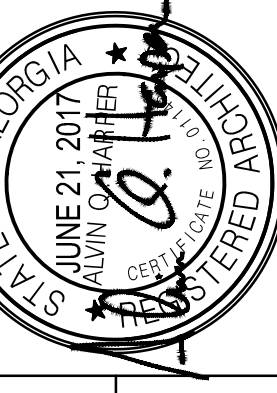
COLOR SCHEDULE KEYNOTES:

- (P) SEE COLOR SCHEDULE
- (ST) SEE COLOR SCHEDULE



PRICING SET	ADDENDUM #1	ADDENDUM #3	ADDENDUM #4	BUILDING PLAN REVIEW	REVISION

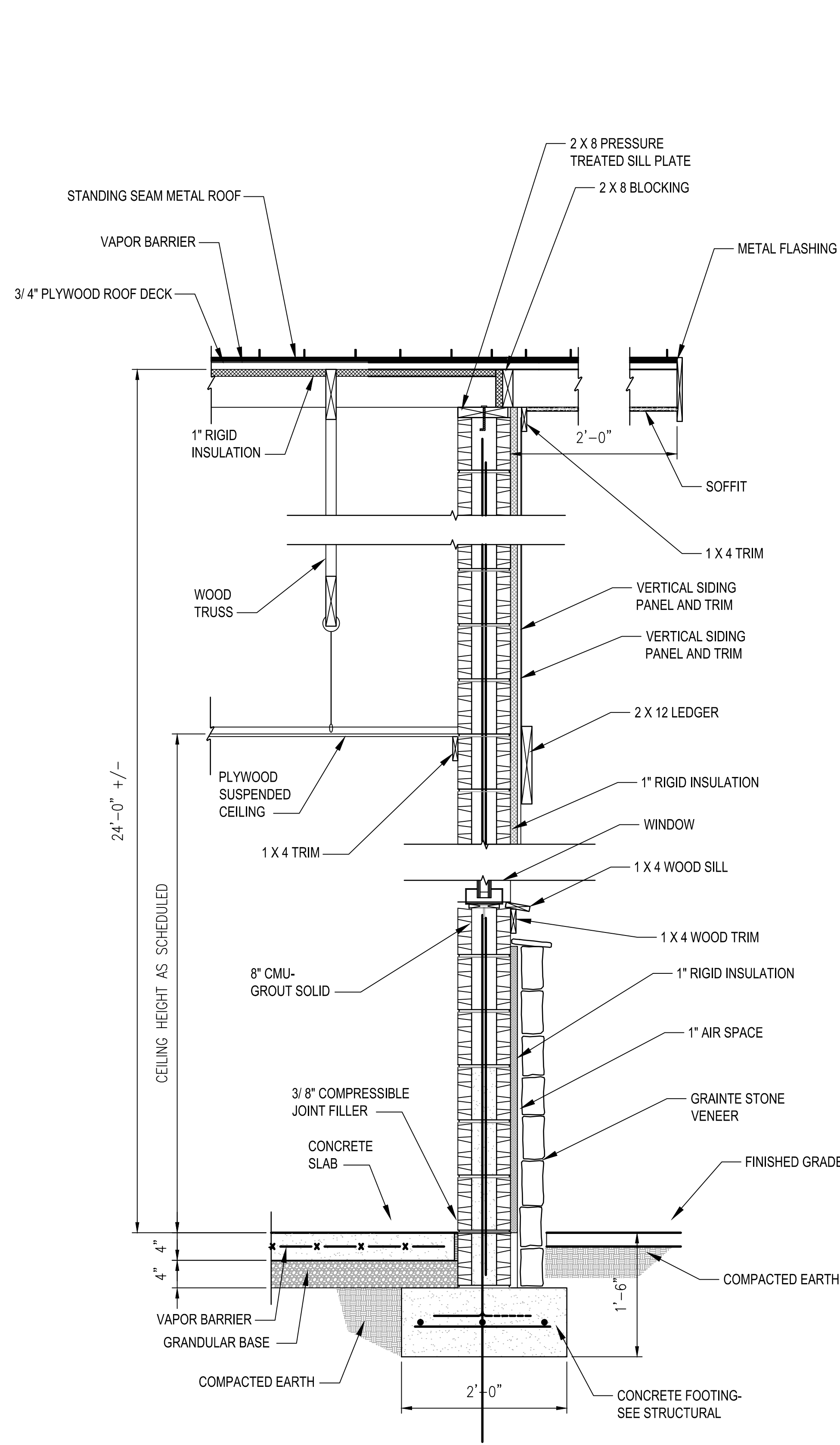
DATE	BY
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04-26-2017	MDC
05-09-2017	MDC
05-11-2017	MDC
06-21-2017	MDC



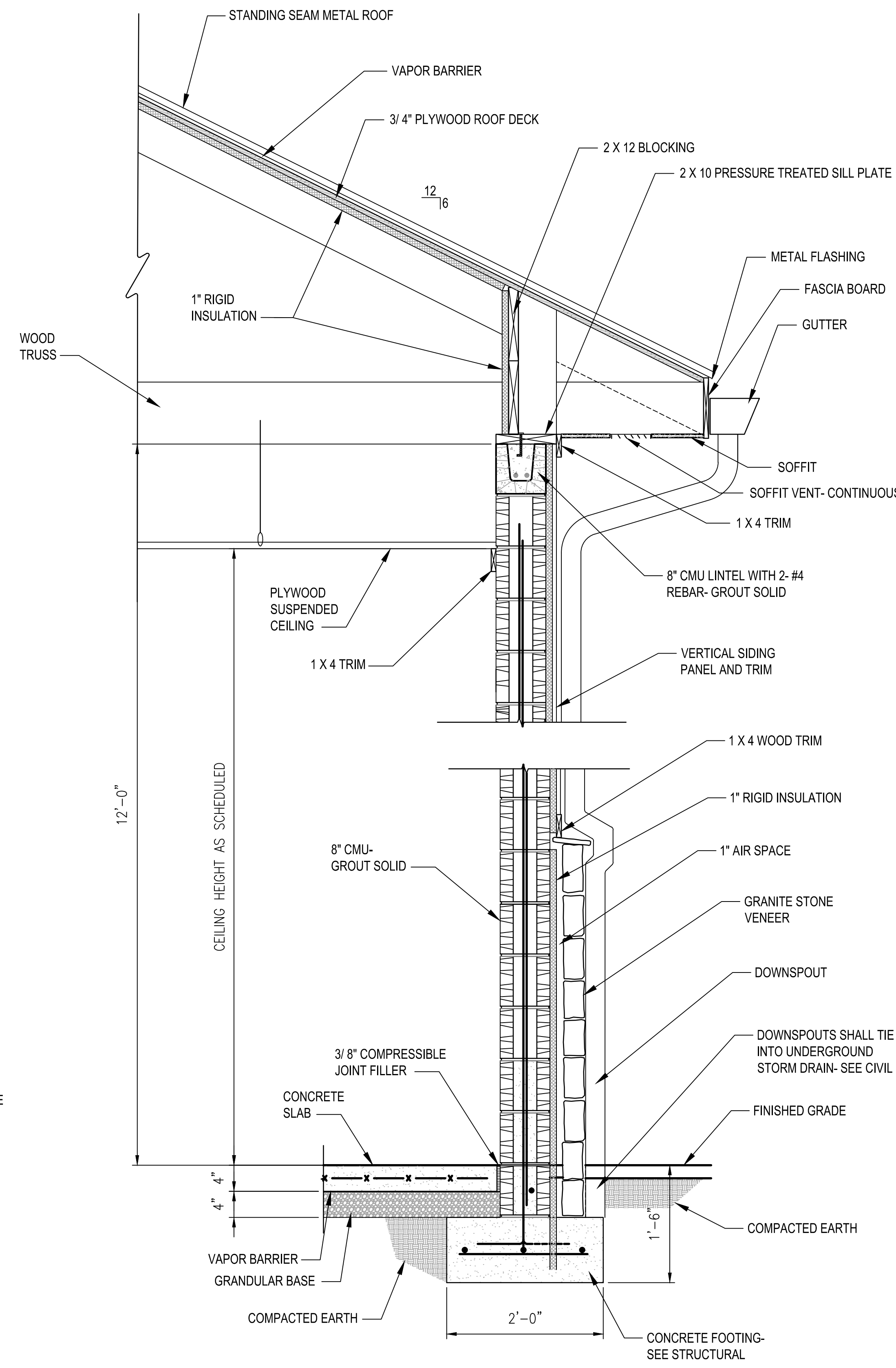
City of **Dunwoody**
PROJECT: BASEBALL FACILITIES AT BROOK RUN PARK

DESIGNED	DRAWN	CHECKED	DATE
AH	TS	AH	
PROJECT NO.	C-1810-10	SCALE	AS SHOWN
DRAWING TITLE	BUILDING SECTIONS		

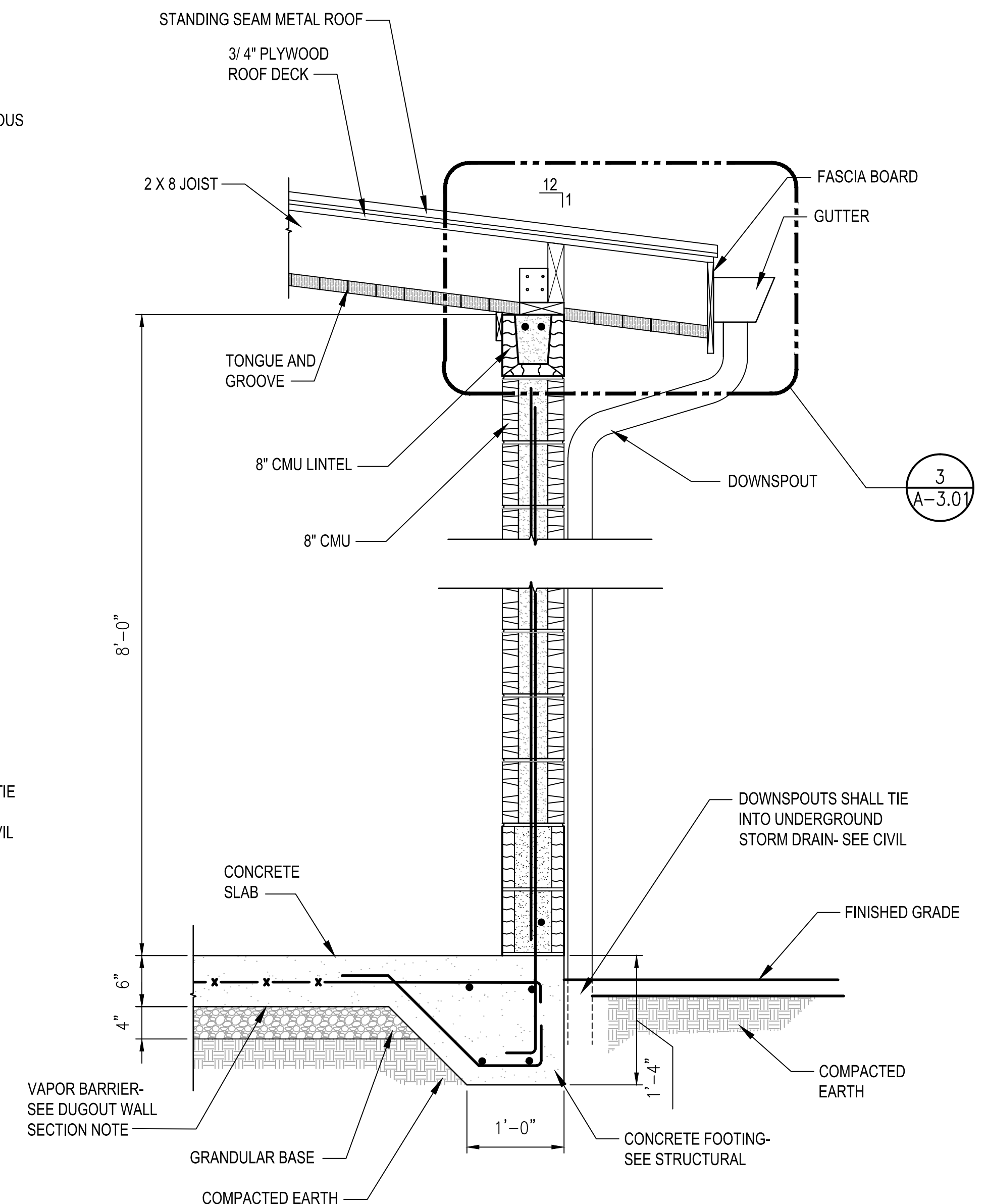
SHEET **A-2.02** OF



1 WALL SECTION AT END WALL
SCALE: 1" = 1'-0"



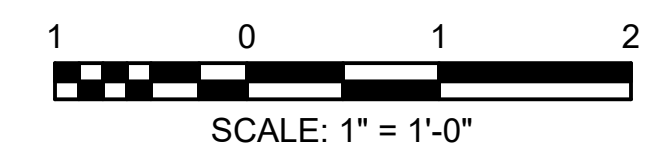
2 WALL SECTION AT SIDE WALL
SCALE: 1" = 1'-0"



3 DUGOUT WALL SECTION
SCALE: 1" = 1'-0"

DUGOUT WALL SECTION NOTES:

1. CONCRETE SLAB VAPOR BARRIER. INSTALL VAPOR BARRIER IN SECTION OF CONCRETE SLAB WHERE THE STORAGE ROOM IS LOCATED.

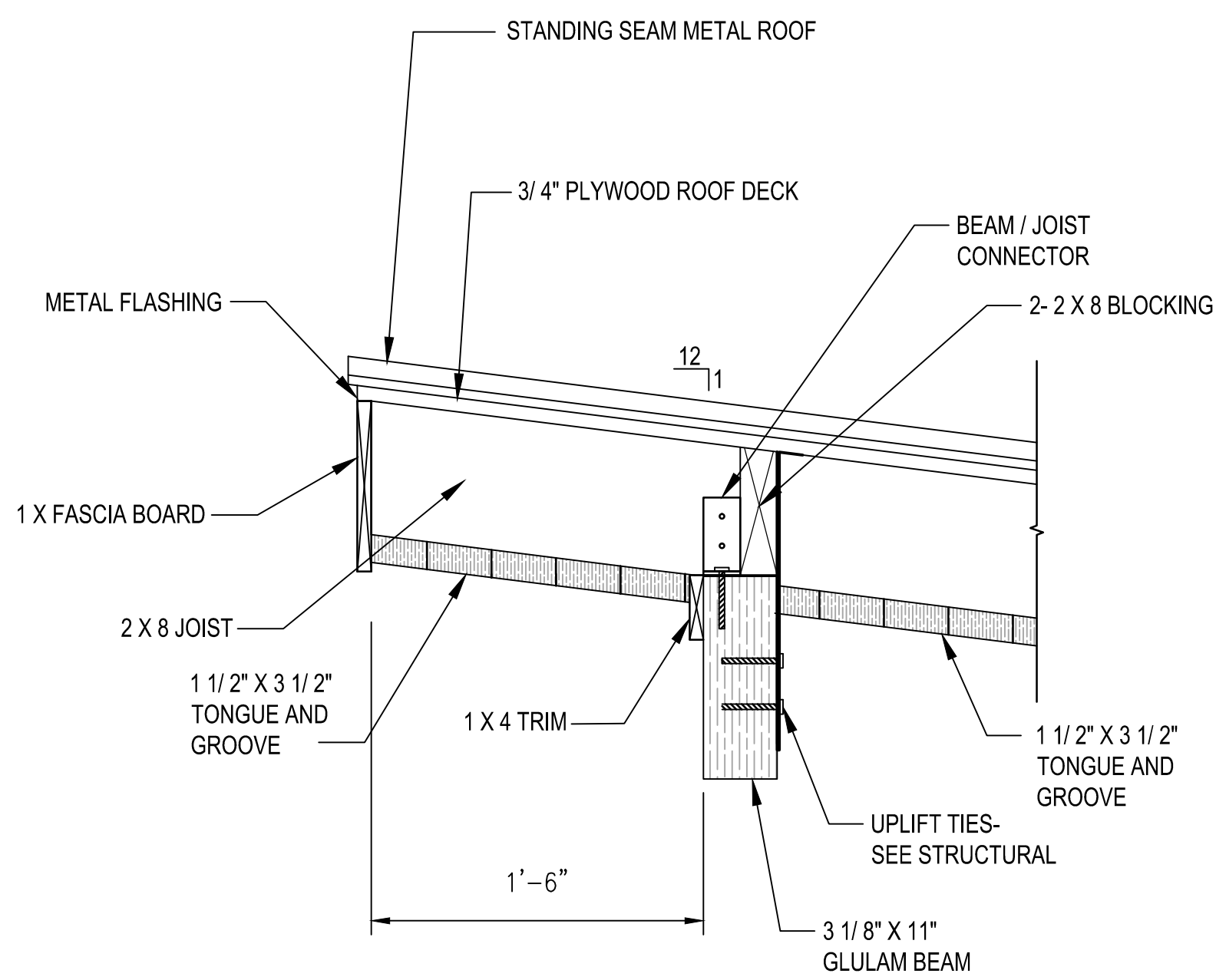


PRICE SET	ADDENDUM #1	ADDENDUM #3	ADDENDUM #4	BUILDING PLAN REVIEW	REVISION
04-19-2017	04-26-2017	06-06-2017	08-11-2017	08-21-2017	
MDC	MDC	MDC	MDC	MDC	
DATE	DATE	DATE	DATE	DATE	BY

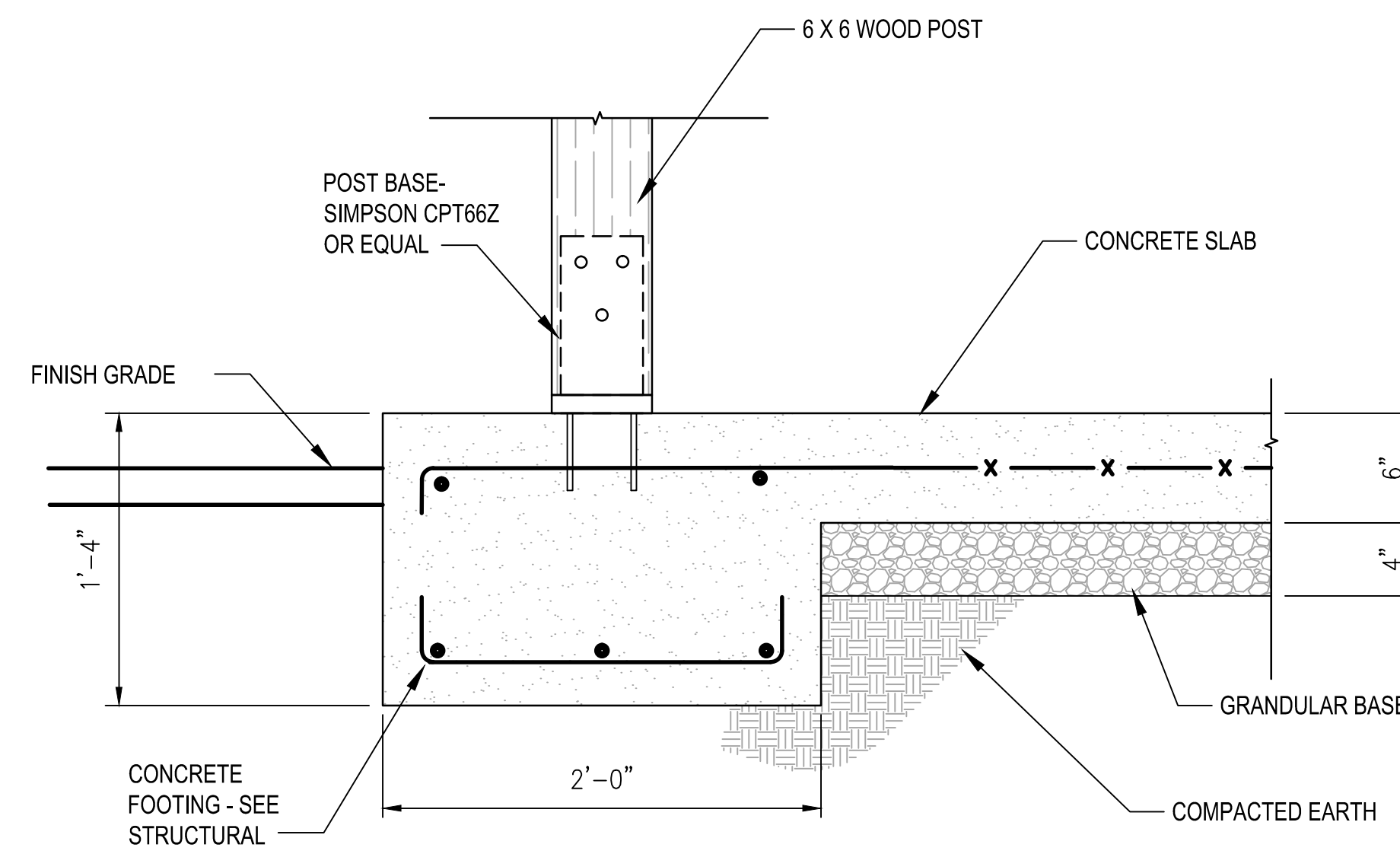


City of Dunwoody
PROJECT: BASEBALL FACILITIES AT BROOK RUN PARK

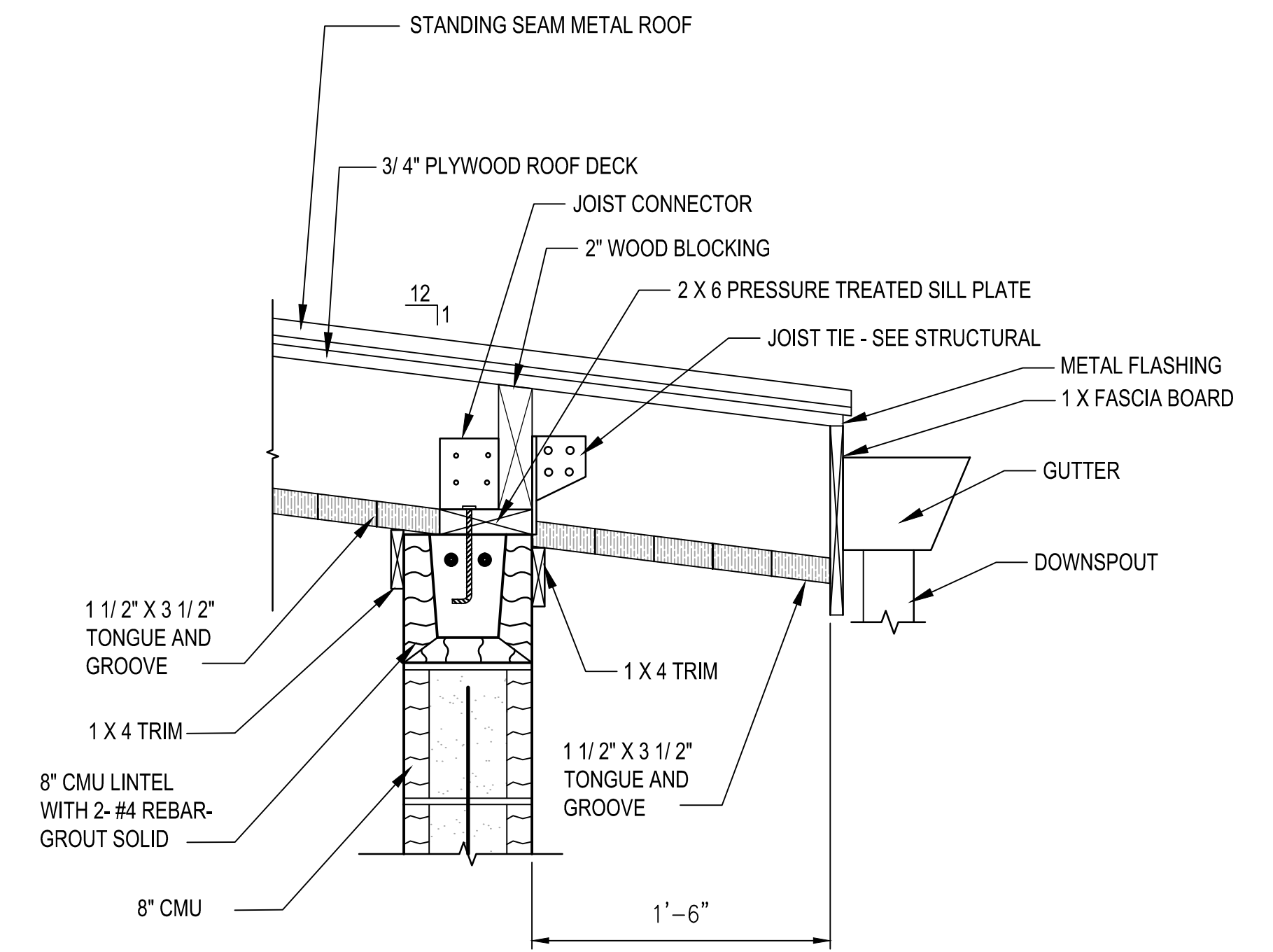
DESIGNED	DRAWN	CHECKED	DATE	SCALE	AS SHOWN
AH	TS	AH			
PROJECT NO.	C-1810-10	DRAWING TITLE	WALL SECTIONS		
SHEET	A-3.00				
OF					



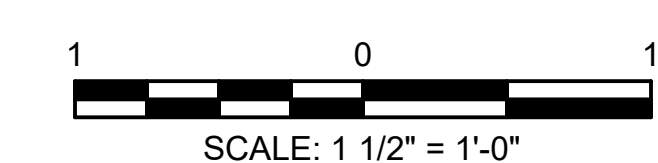
1 DUGOUT BEAM AND EAVE DETAIL
A-3.01 SCALE: 1 1/2" = 1'-0"



2 DUGOUT POST BASE DETAIL
A-3.01 SCALE: 1 1/2" = 1'-0"



3 DUGOUT EAVE DETAIL
A-3.01 SCALE: 1 1/2" = 1'-0"



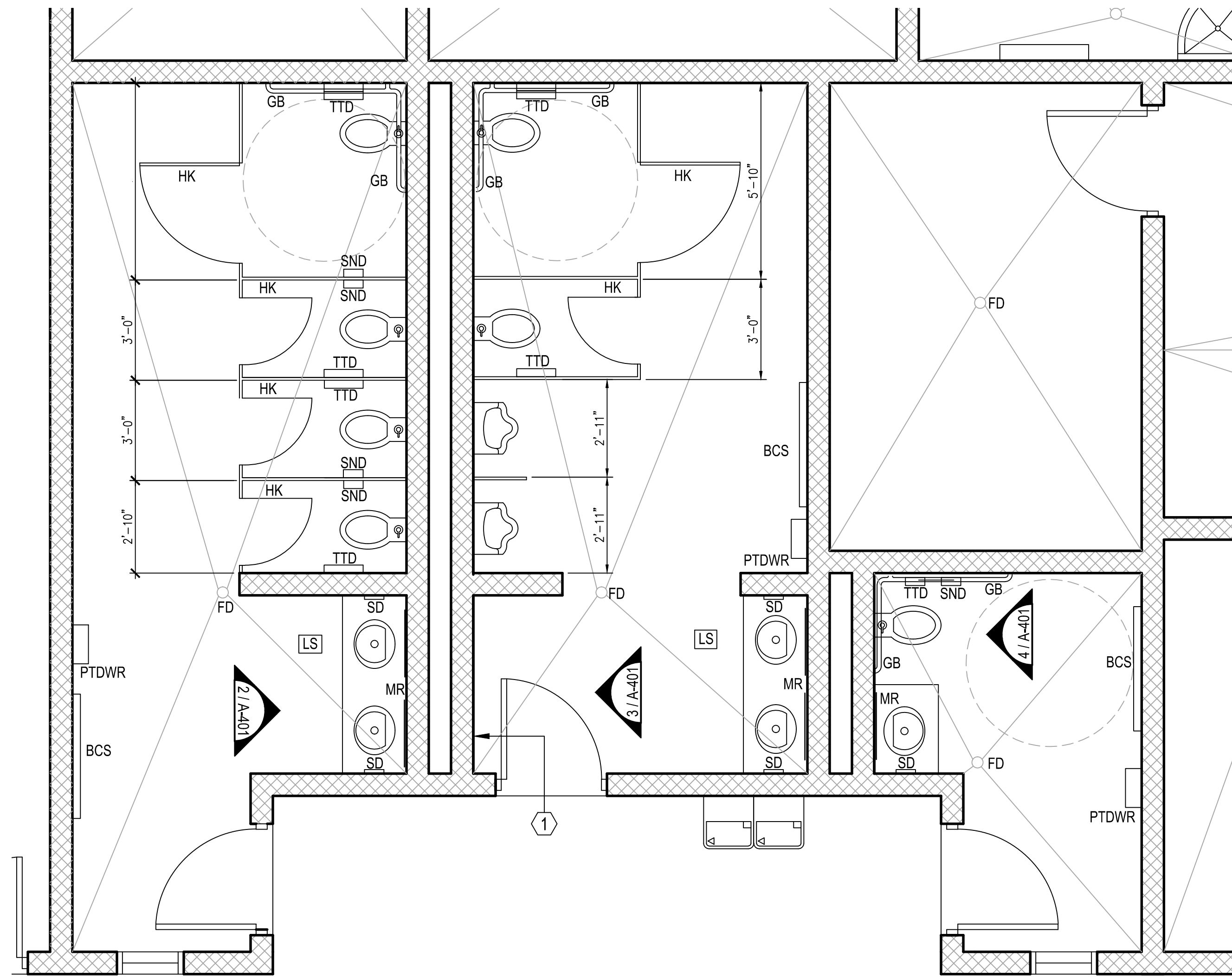
PRICING SET	ADDENDUM #1	ADDENDUM #3	ADDENDUM #4	BUILDING PLAN REVIEW	REVISION
04-19-2017	04-26-2017	06-06-2017	06-11-2017	06-21-2017	
MDC	MDC	MDC	MDC	MDC	BY
					DATE
					SYMBOL



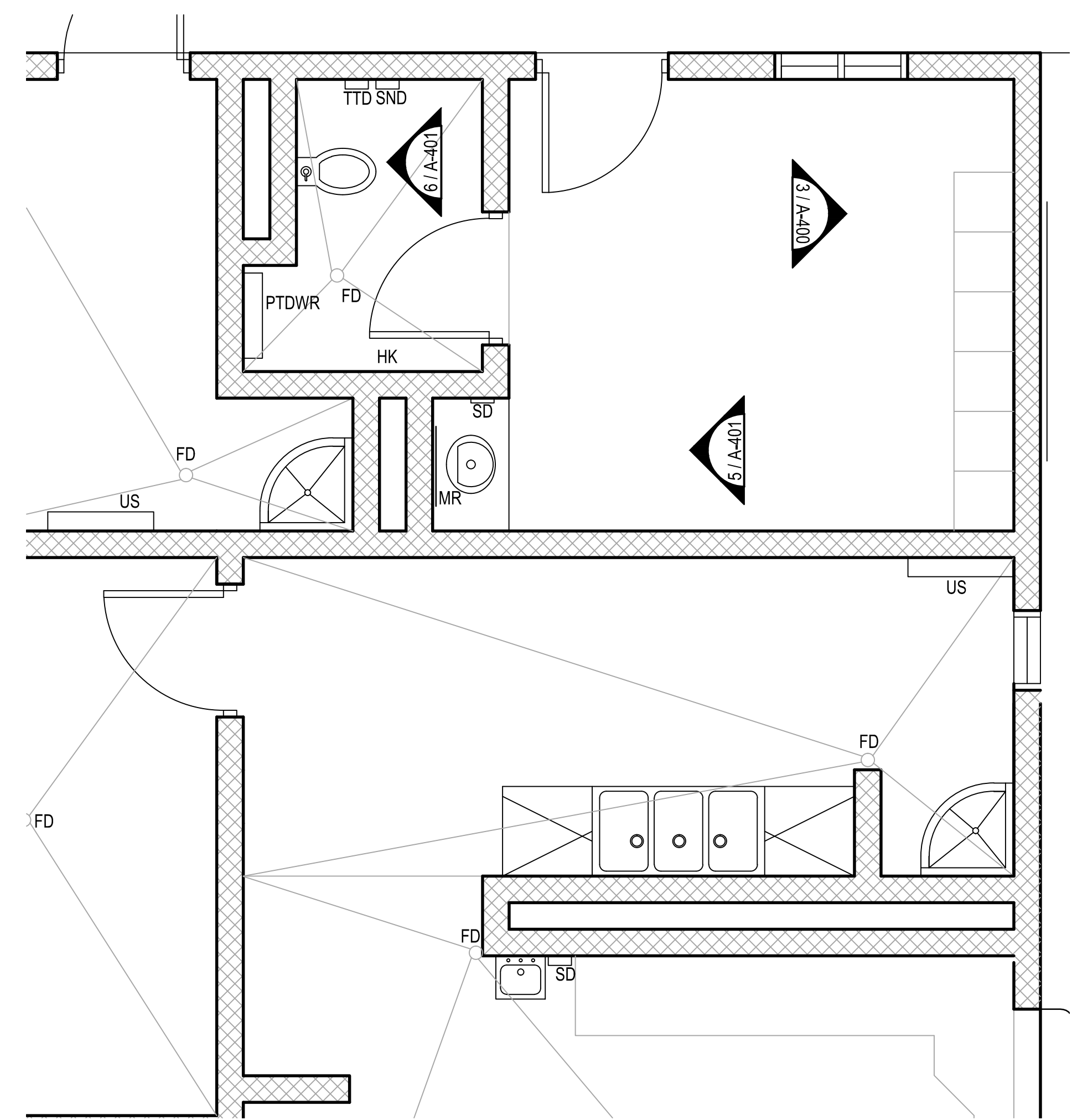
CLIENT: **City of Dunwoody**
PROJECT: **BASEBALL FACILITIES AT BROOK RUN PARK**

DESIGNED	DRAWN	CHECKED	DATE
AH	TS	AH	
PROJECT NO.	C-1610-10	SCALE	AS SHOWN
DRAWING TITLE	WALL DETAILS		

SHEET **A-3.01** OF



1 ENLARGED TOILET PLAN
A-4.00 SCALE: 3/8" = 1'-0"



2 ENLARGED TOILET, CONCESSIONS WASHROOM AND GENERAL STORAGE(S) PLAN
A-4.00 SCALE: 3/8" = 1'-0"

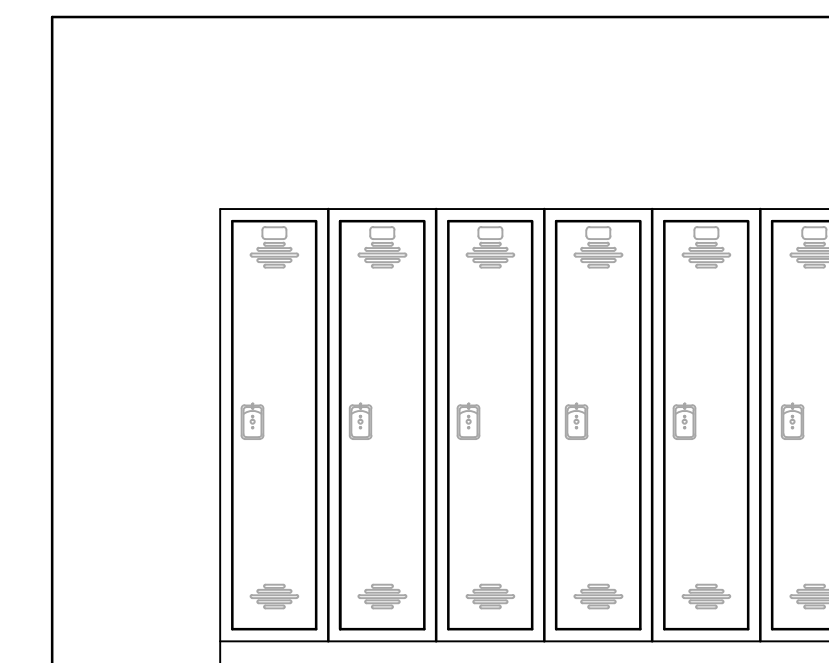
TOILET / CUSTODIAL ACCESSORIES LEGEND		
DESCRIPTION	DENOTATION	REMARKS
BABY CHANGING STATION	BCS	SURFACE MOUNTED
GRAB BAR	GB	-
HOOK (COAT/BUMPER)	HK	PARTITION/SURFACE MOUNTED
PAPER TOWEL DISPENSER / WASTE RECEPTACLE	PTD/WR	SEMI-RECESSED
SANITARY NAKIN DISPOSAL	SND	PARTITION / SURFACE MOUNTED
SOAP DISPENSER	SD	SURFACE MOUNTED
STEEL FRAME MIRROR (18" X 30")	MR	SURFACE MOUNTED
STEP (LAVATORY STEP)	LS	FLOOR MOUNTED
TOILET TISSUE DISPENSER	TTD	PARTITION / SURFACE MOUNTED
UTILITY SHELF / MOP HOLDER	US	SURFACE MOUNTED

TOILET ACCESSORIES NOTE:

- 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).

FLOOR PLAN KEY NOTES:

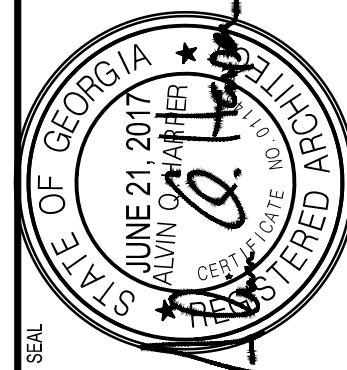
① INSTALL 16" X 20" ACCESS PANEL FOR ACCESS TO WATER SHUT-OFF VALVE.



3 LOCKER ELEVATIONS
A-4.00 SCALE: 3/8" = 1'-0"



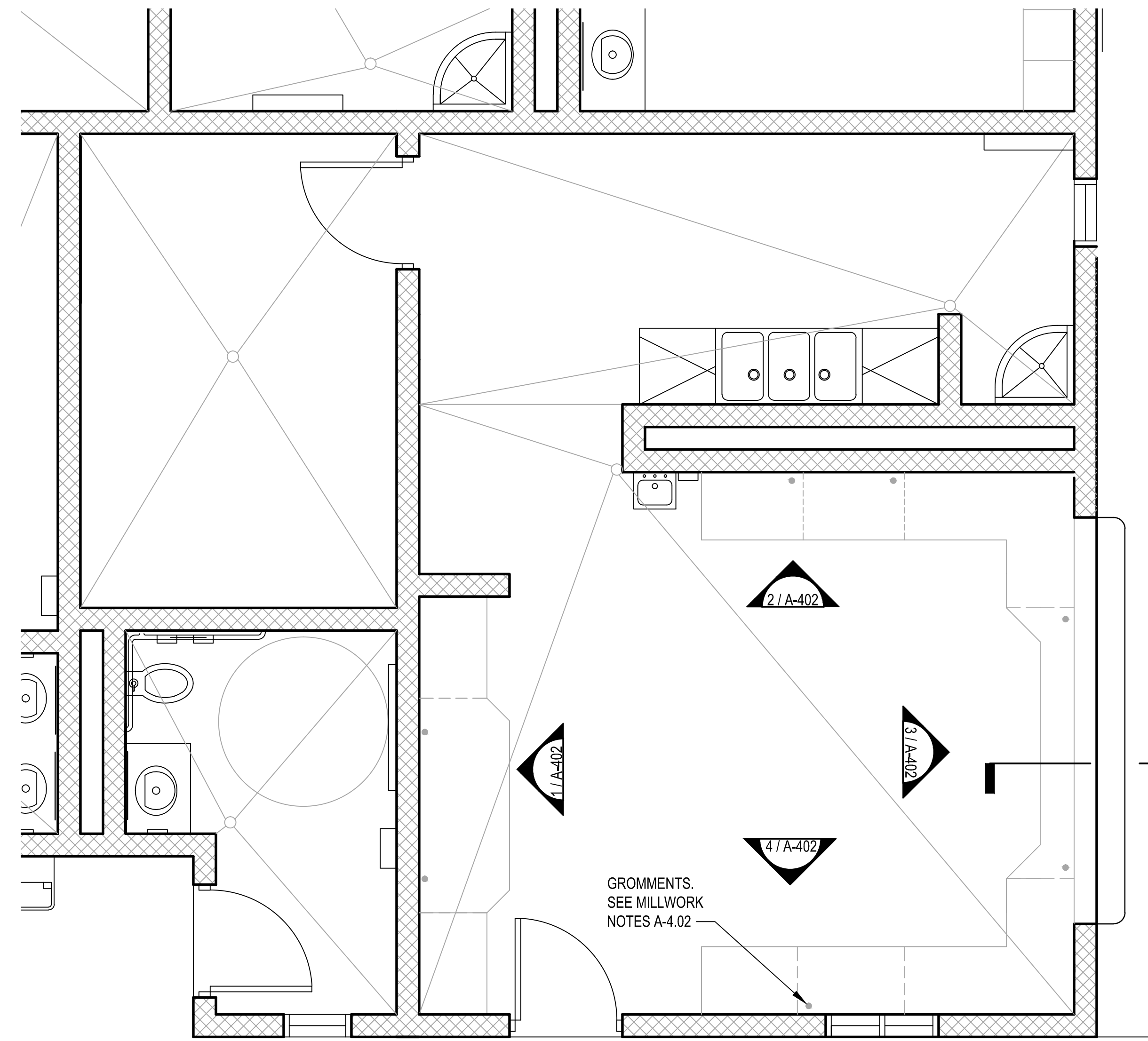
PRICE SET	ADDENDUM #1	ADDENDUM #3	ADDENDUM #4	BUILDING PLAN REVIEW	REVISION
04-19-2017	MDC	MDC	MDC	MDC	BY
04-26-2017	MDC	MDC	MDC	MDC	DATE
06-06-2017	MDC	MDC	MDC	MDC	DATE
08-11-2017	MDC	MDC	MDC	MDC	DATE
08-21-2017	MDC	MDC	MDC	MDC	DATE
					BY
					DATE
					DATE
					DATE
					DATE



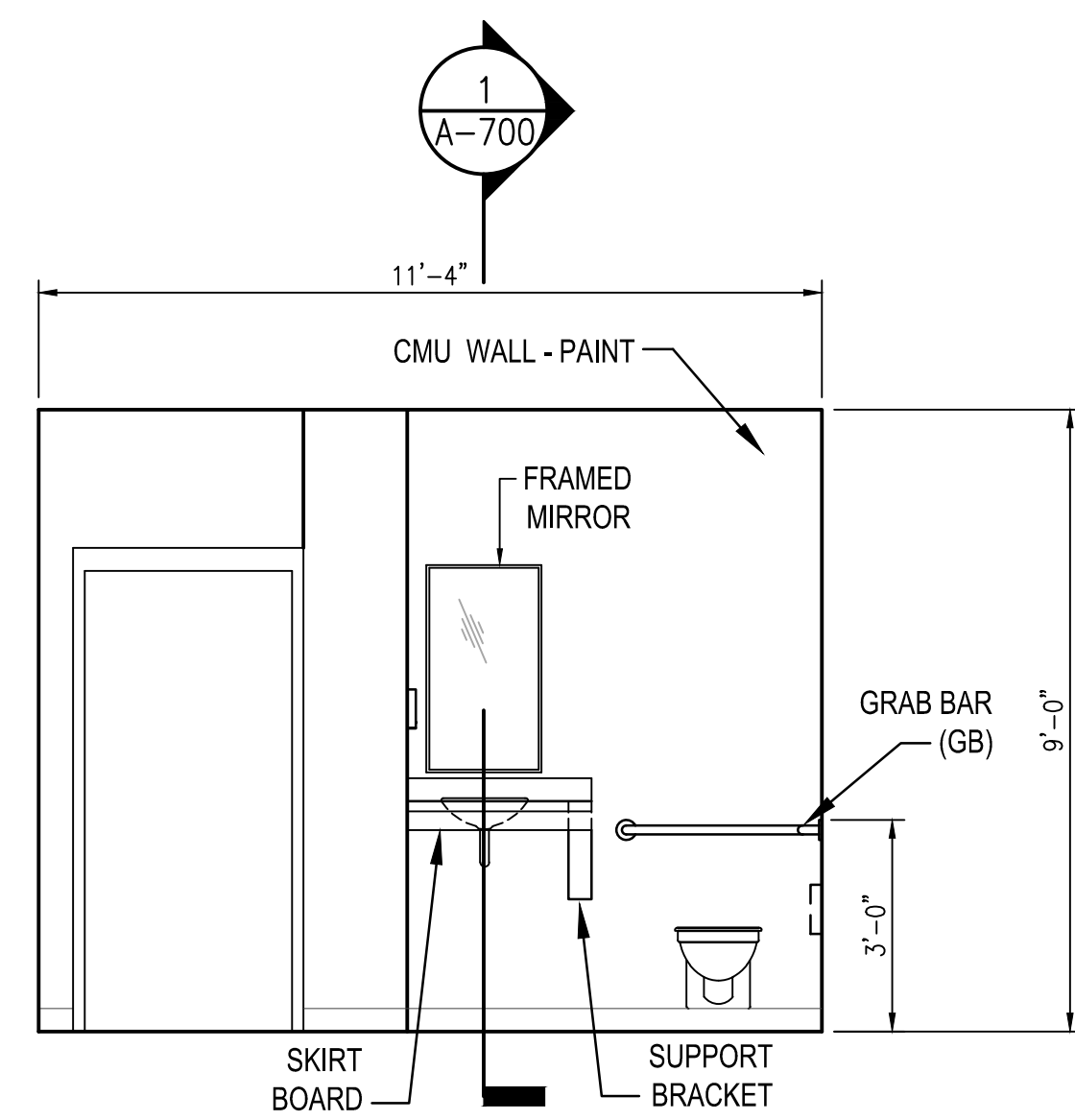
City of **Dunwoody**
PROJECT: BASEBALL FACILITIES AT BROOK RUN PARK

CLIENT: City of Dunwoody
PROJECT: BASEBALL FACILITIES AT BROOK RUN PARK
SCALE: AS SHOWN
DRAWING TITLE: ENLARGED PLANS
DRAWING NO. C-1810-10

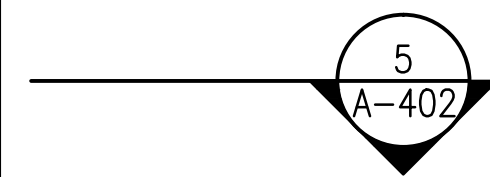
SHEET OF **A-4.00**



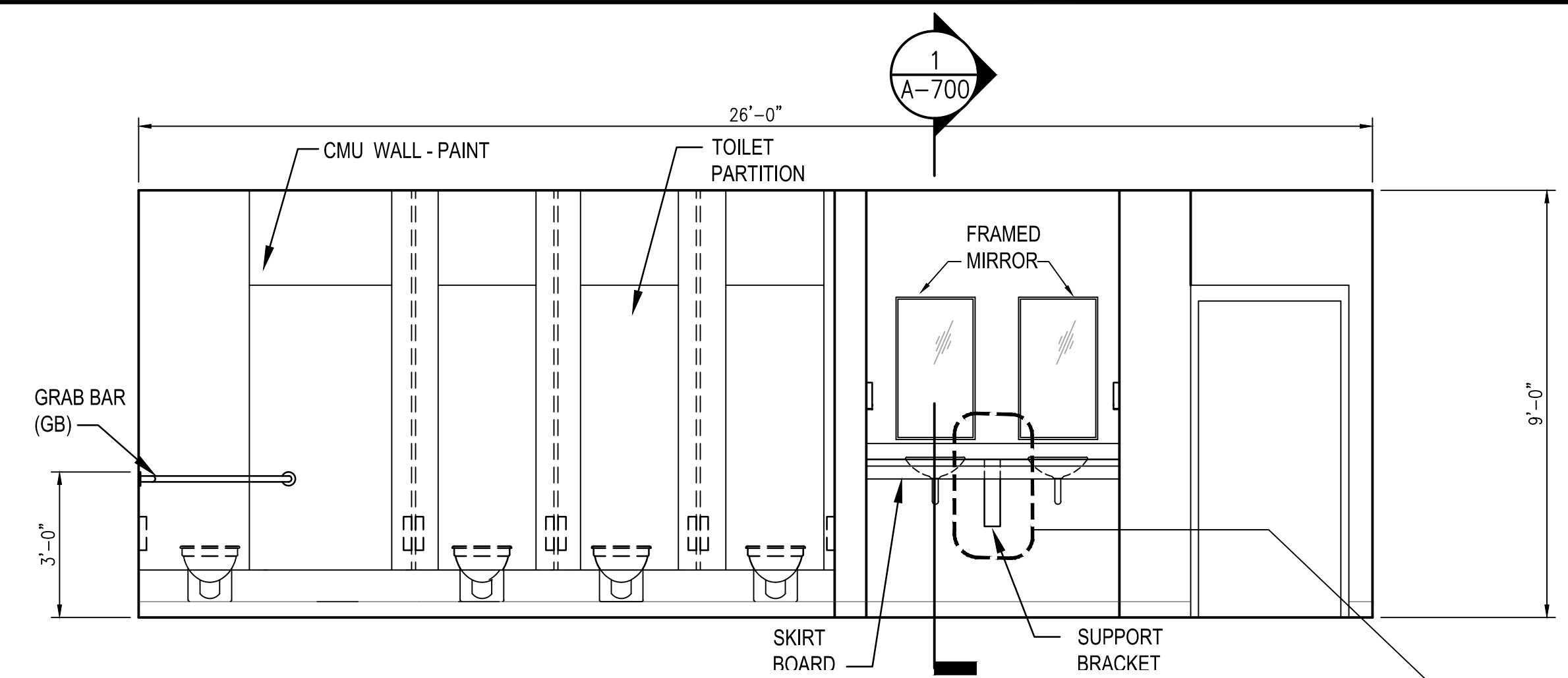
1 CONCESSIONS ENLARGED PLAN
A-4.01 SCALE: 3/8" = 1'-0"



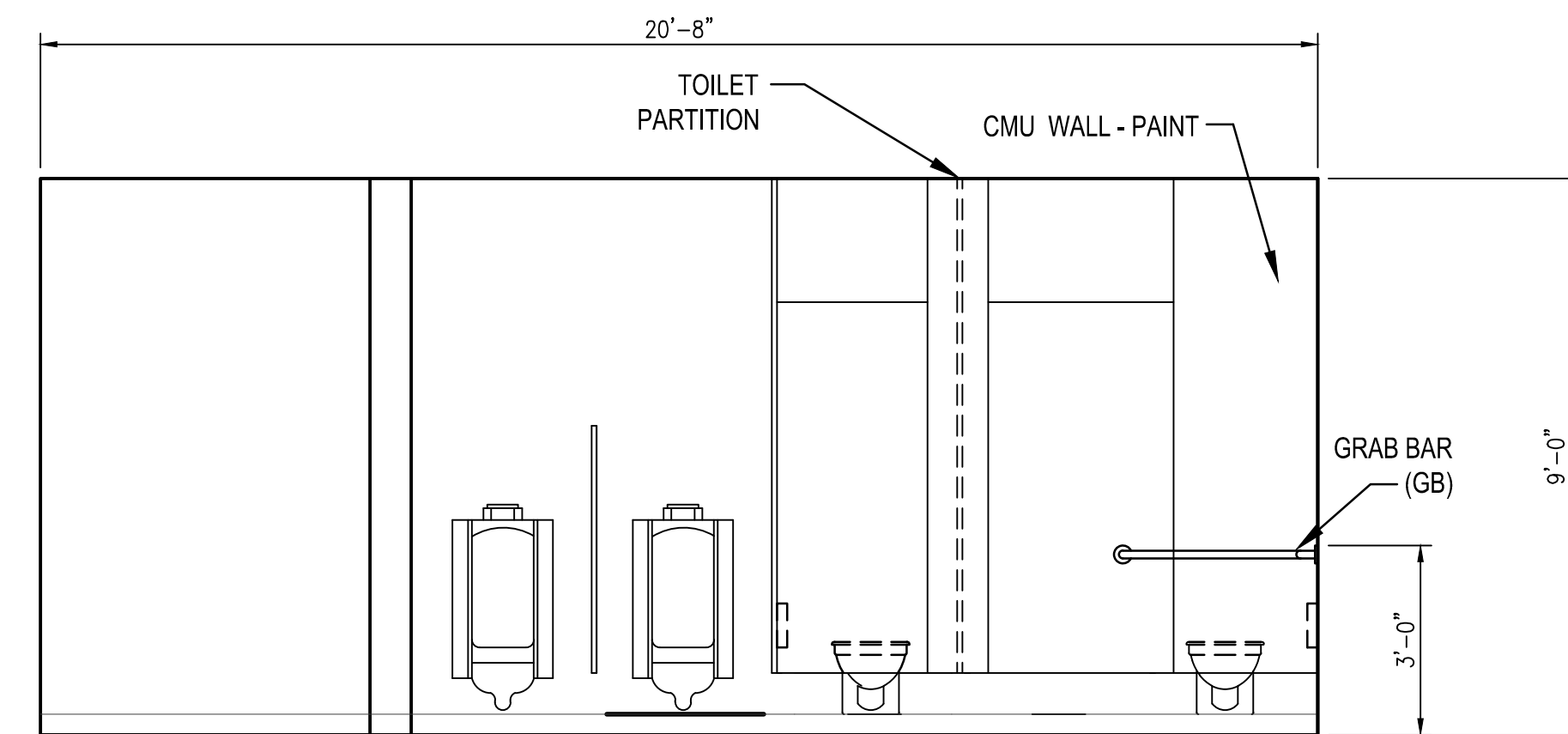
4 FAMILY TOILET INTERIOR ELEVATION
A-4.01 SCALE: 3/8" = 1'-0"



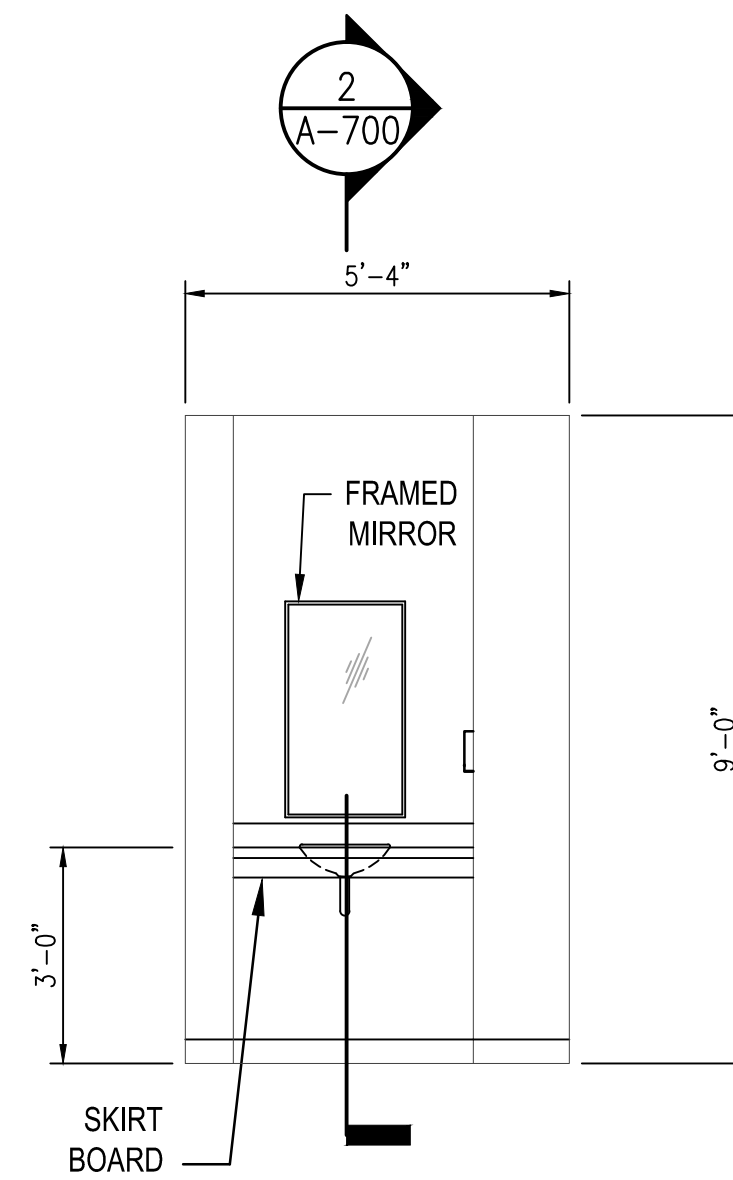
5 UMPIRE'S LOCKER ROOM VANITY
A-4.01 SCALE: 3/8" = 1'-0"



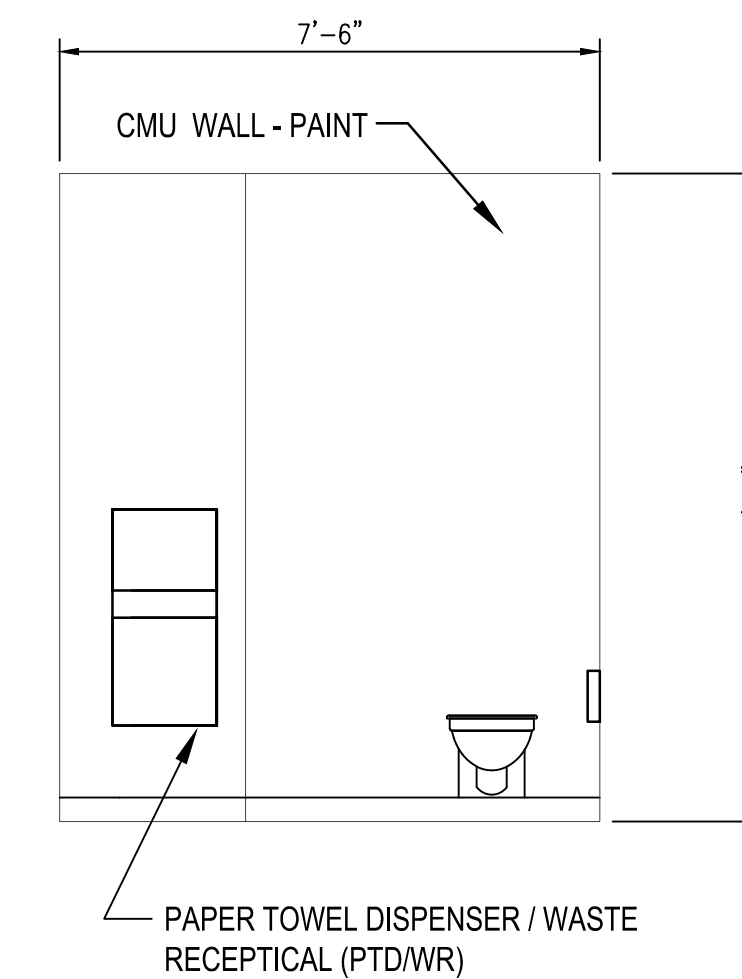
2 WOMEN'S TOILET INTERIOR ELEVATION
A-4.01 SCALE: 3/8" = 1'-0"



3 MEN'S TOILET INTERIOR ELEVATION
A-4.01 SCALE: 3/8" = 1'-0"



5 UMPIRE'S LOCKER ROOM VANITY
A-4.01 SCALE: 3/8" = 1'-0"



6 UMPIRE'S LOCKER ROOM TOILET
A-4.01 SCALE: 3/8" = 1'-0"

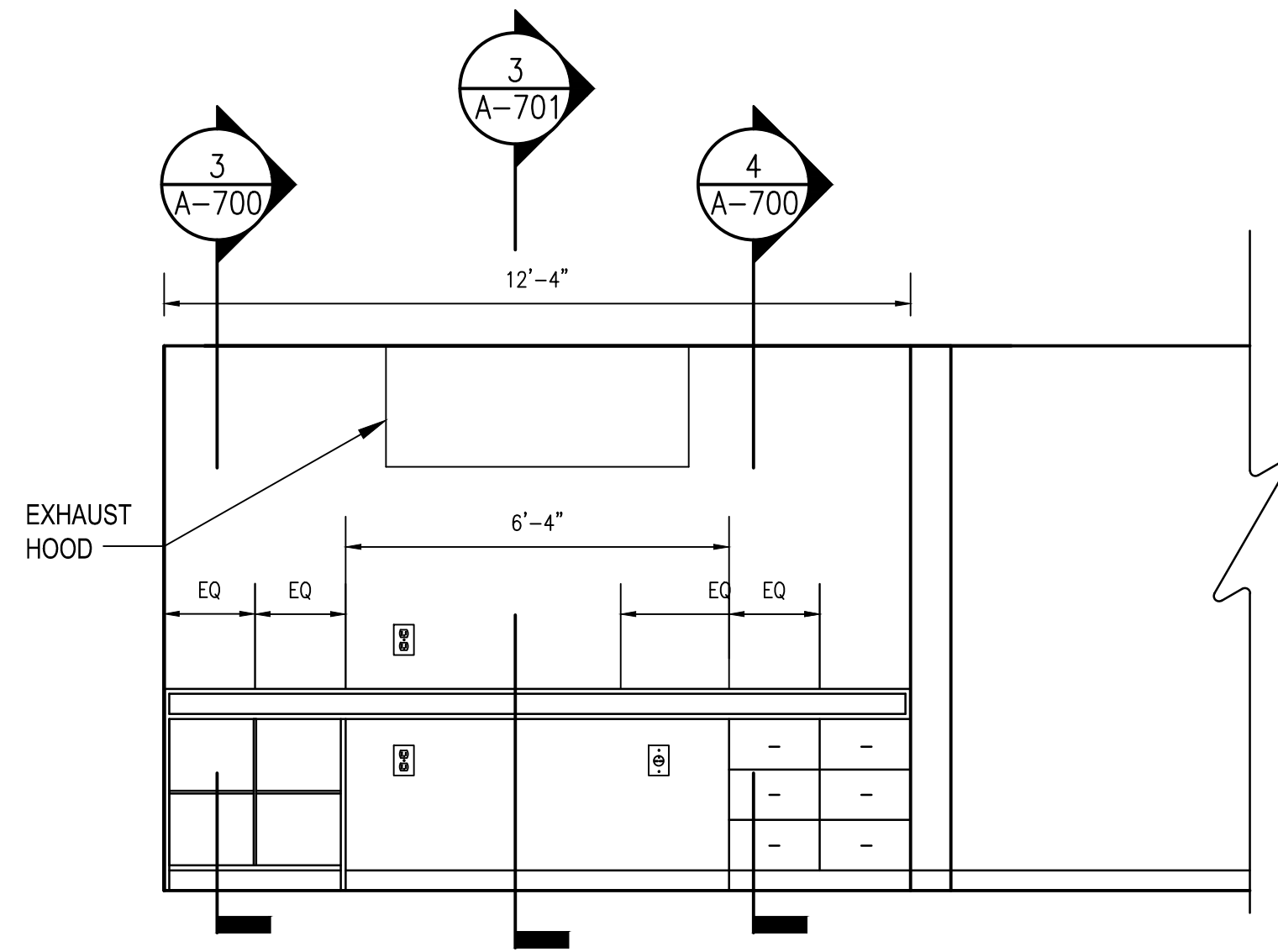


SYMBOL	DATE	BY	REVISION
	04-19-2017	MDC	PRICING SET
	04-26-2017	MDC	ADDENDUM #1
	06-06-2017	MDC	ADDENDUM #3
	08-11-2017	MDC	ADDENDUM #4
	08-21-2017	MDC	BUILDING PLAN REVIEW

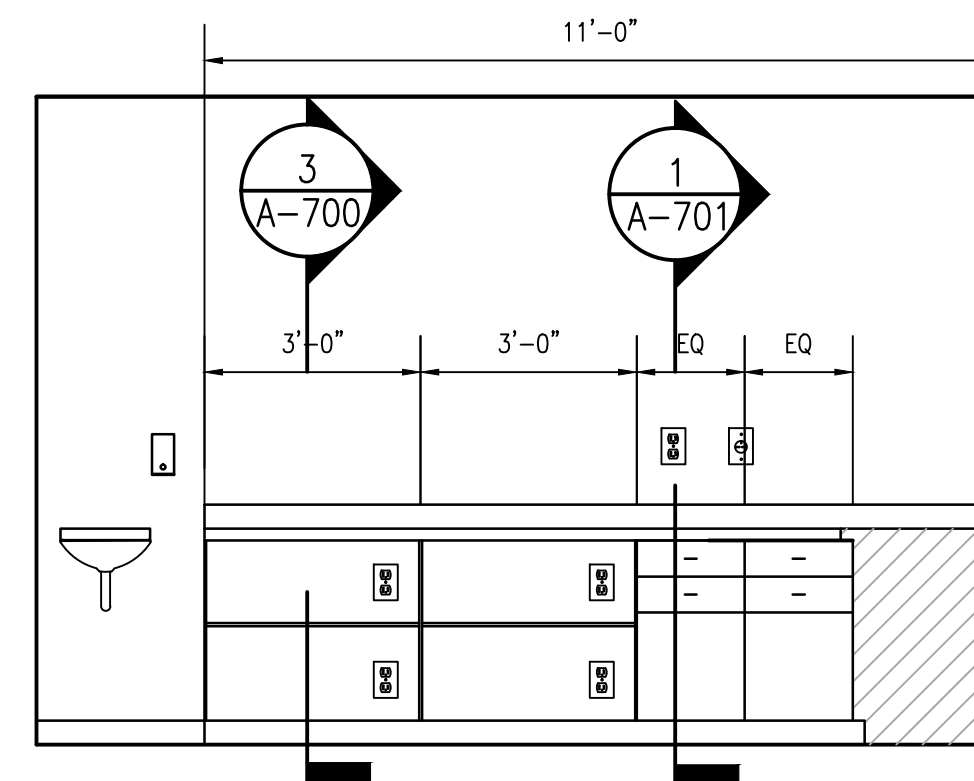


City of **Dunwoody**
PROJECT: BASEBALL FACILITIES AT BROOK RUN PARK

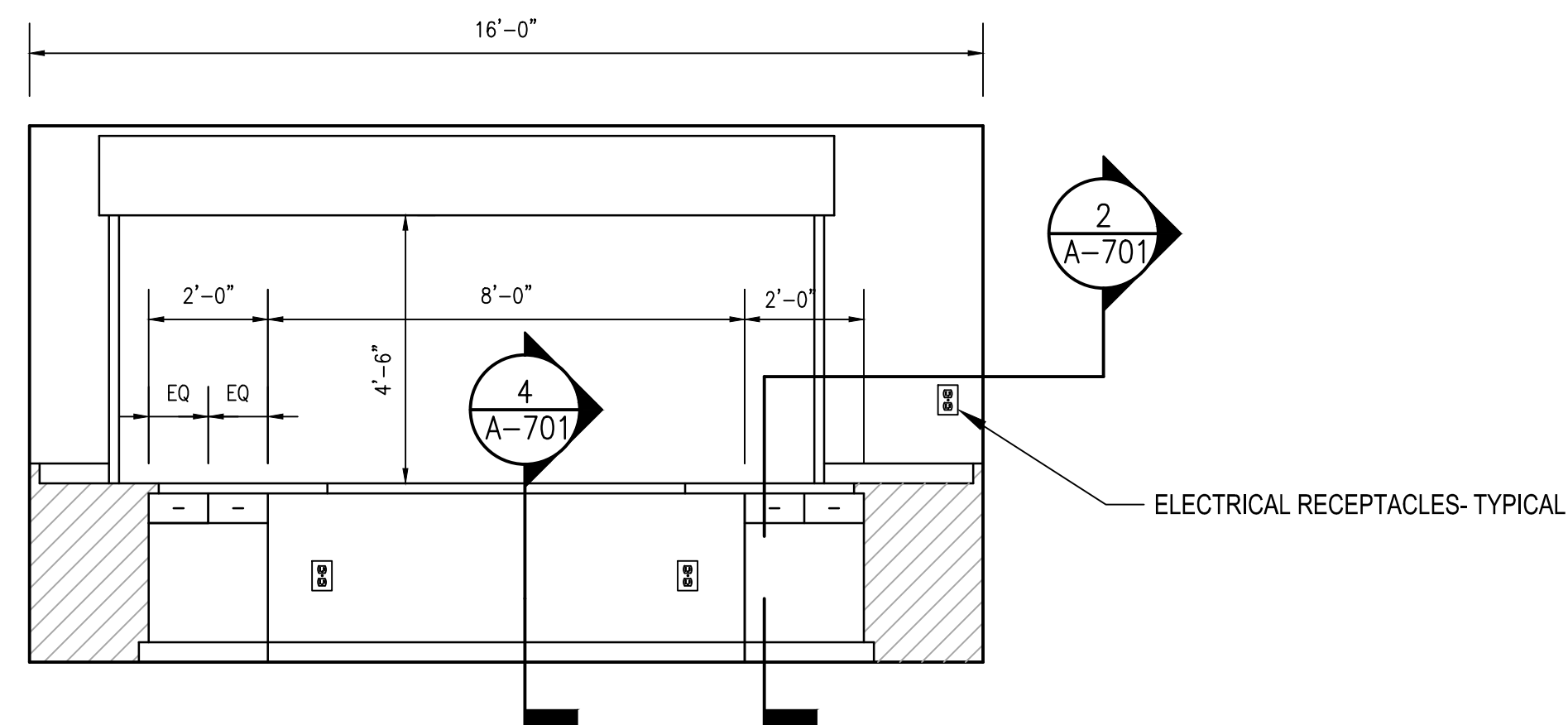
DESIGNED	DRAWN	CHECKED	DATE
AH	TS	AH	
PROJECT NO.	C-1810-10	SCALE	AS SHOWN
DRAWING TITLE	INTERIOR ELEVATIONS		



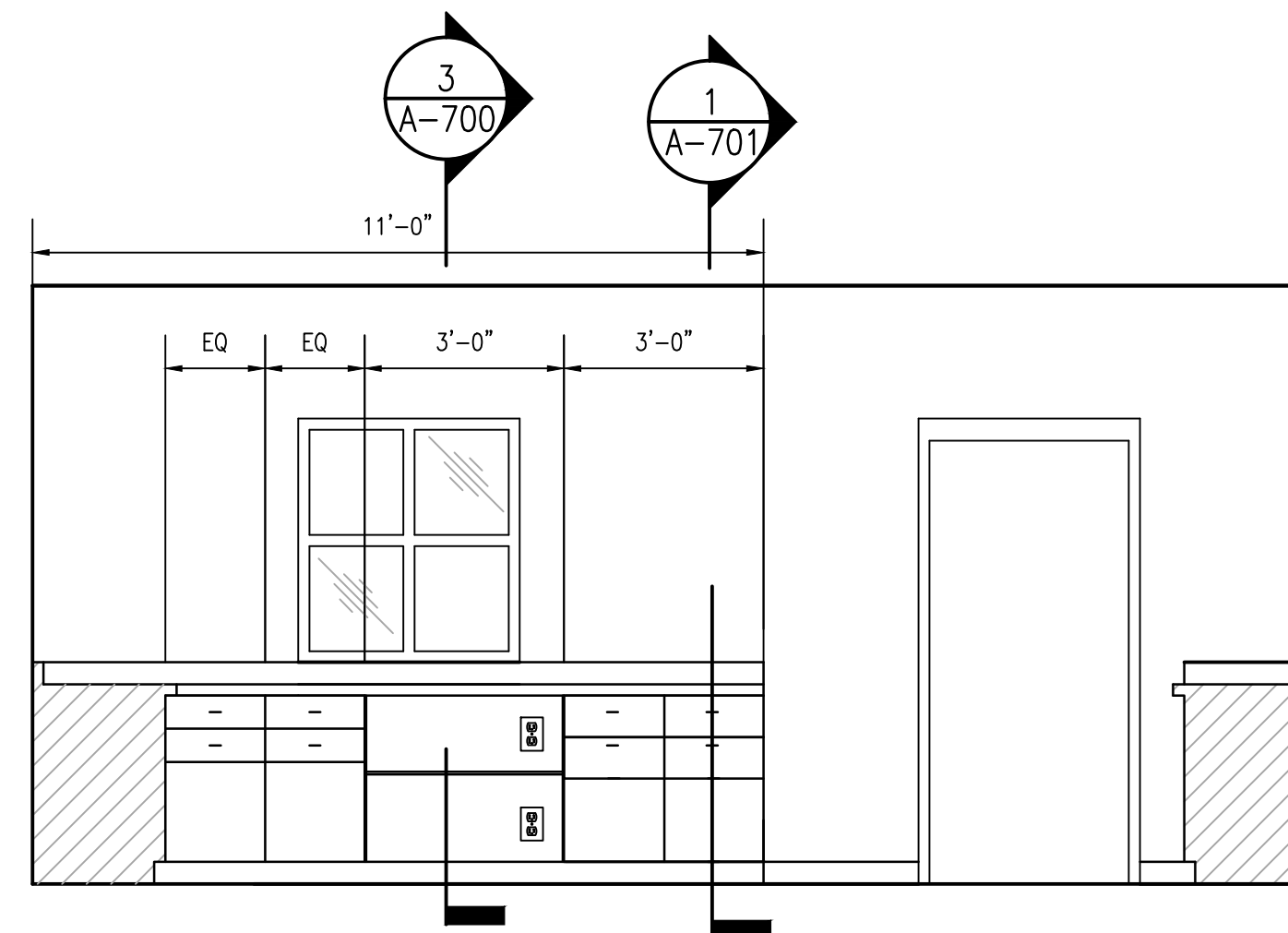
1 CONCESSIONS MILLWORK ELEVATION
SCALE: 3/8" = 1'-0"



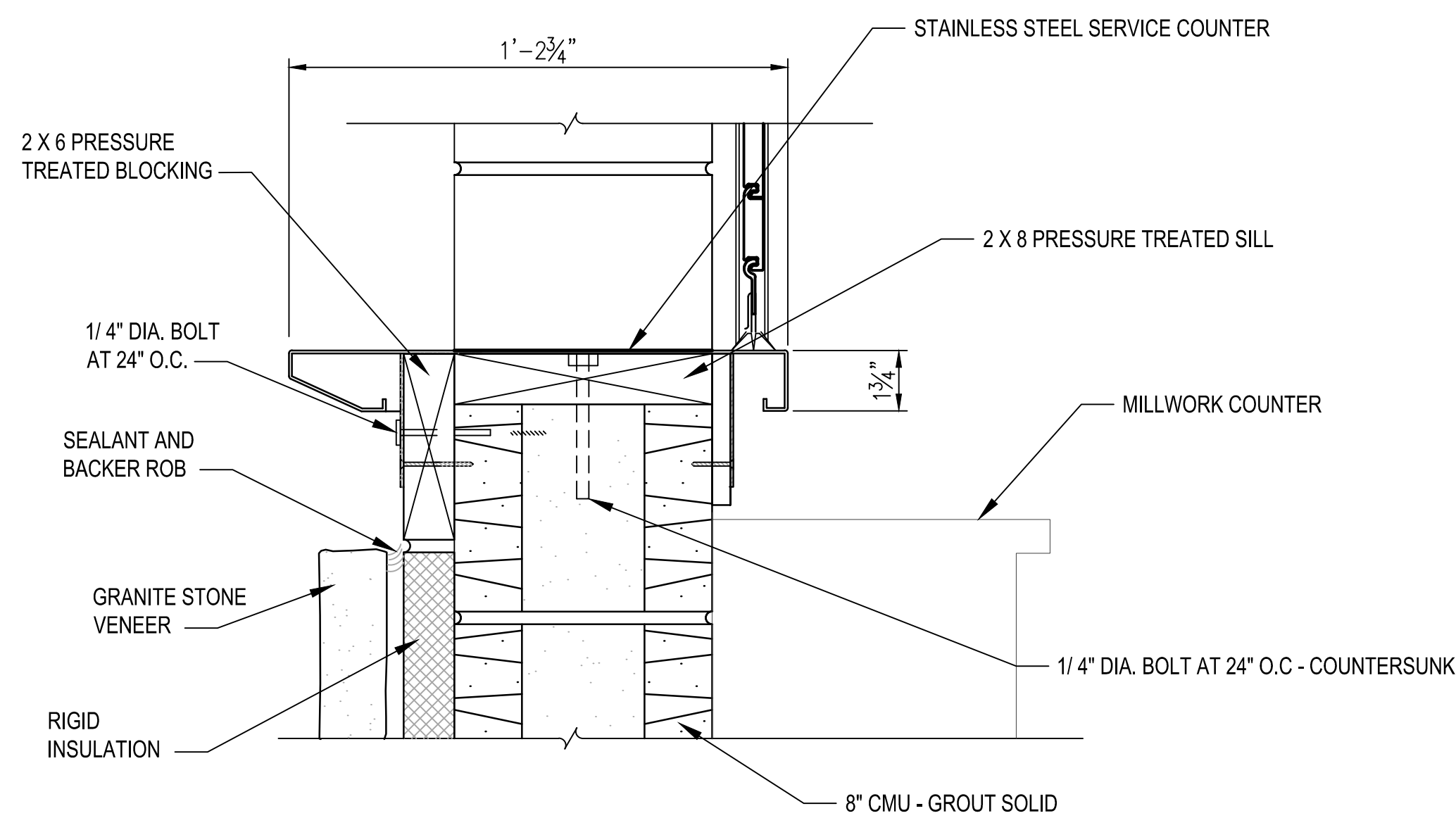
2 CONCESSIONS MILLWORK ELEVATION
SCALE: 3/8" = 1'-0"



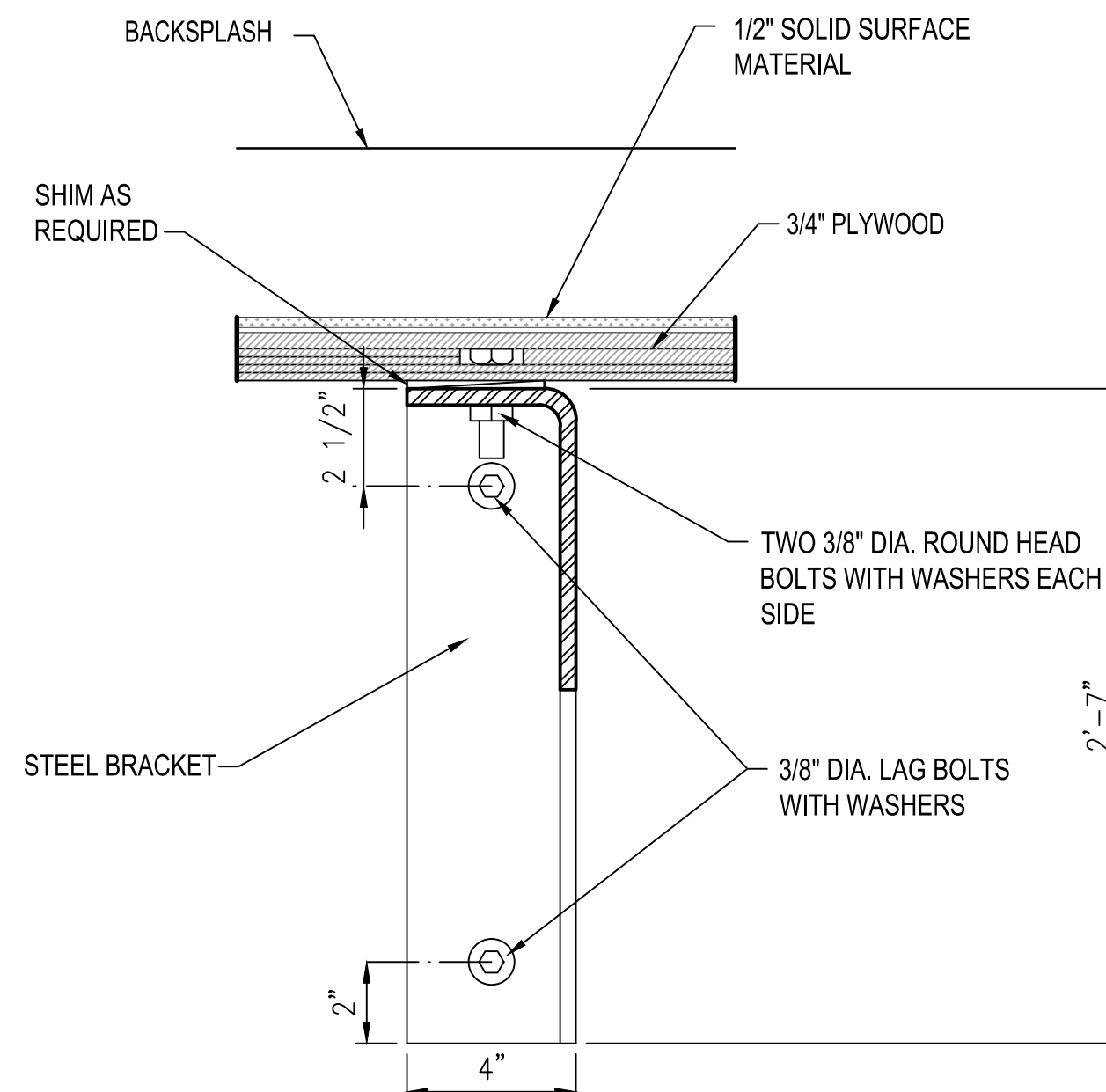
3 CONCESSIONS MILLWORK ELEVATION
SCALE: 3/8" = 1'-0"



4 CONCESSIONS MILLWORK ELEVATION
SCALE: 3/8" = 1'-0"



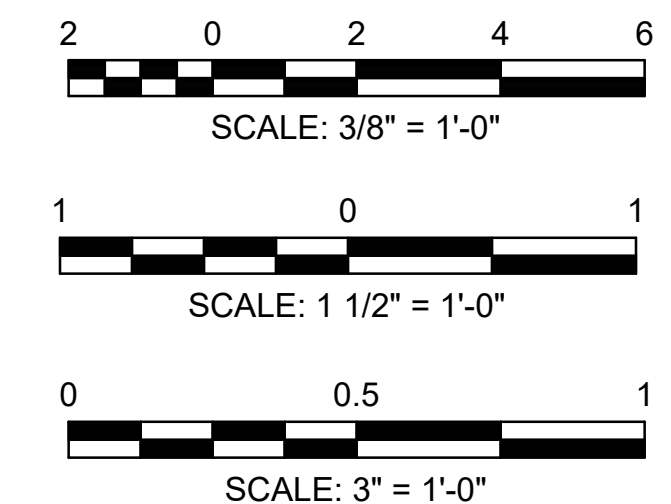
5 SERVICE COUNTER DETAIL
SCALE: 3" = 1'-0"



6 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.
- GROMMETS. PROVIDE GROMMET CUTOUTS IN COUNTERTOP AT ELECTRICAL RECEPTACLE LOCATIONS.



SYMBOL	DATE	BY	REVISION
	04-19-2017	MDC	PRICING SET
	04-26-2017	MDC	ADDENDUM #1
	06-06-2017	MDC	ADDENDUM #3
	08-11-2017	MDC	ADDENDUM #4
	08-21-2017	MDC	BUILDING PLAN REVIEW



City of Dunwoody
PROJECT: BASEBALL FACILITIES AT BROOK RUN PARK

CLIENT: City of Dunwoody
PROJECT: BASEBALL FACILITIES AT BROOK RUN PARK
DRAWING NO. A-4.02
DRAWING TITLE: INTERIOR ELEVATIONS
SCALE: AS SHOWN

PRICING SET	ADDENDUM #1	ADDENDUM #3	ADDENDUM #4	BUILDING PLAN REVIEW	REVISION
04-19-2017	NDC	NDC	NDC	NDC	BY
04-26-2017	NDC	NDC	NDC	NDC	DATE
06-06-2017	NDC	NDC	NDC	NDC	SYMBOL
08-11-2017	NDC	NDC	NDC	NDC	REVISION
08-21-2017	NDC	NDC	NDC	NDC	



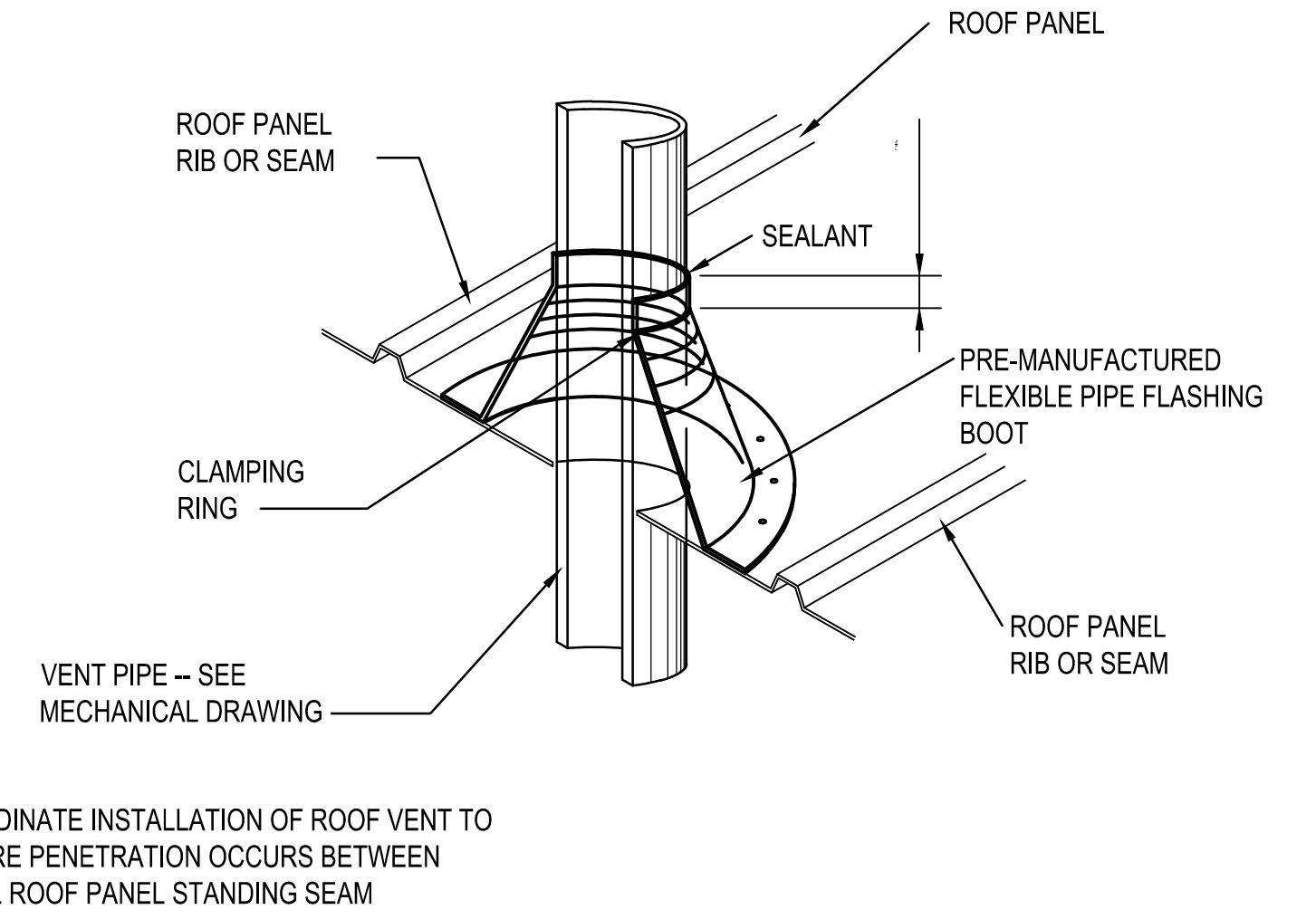
City of **Dunwoody**
 PROJECT: BASEBALL FACILITIES AT BROOK RUN PARK

DESIGNED	DRAWN	CHECKED	DATE	SCALE	AS SHOWN
AH	TS	AH	10/10/10	1/2" = 1'-0"	AS SHOWN

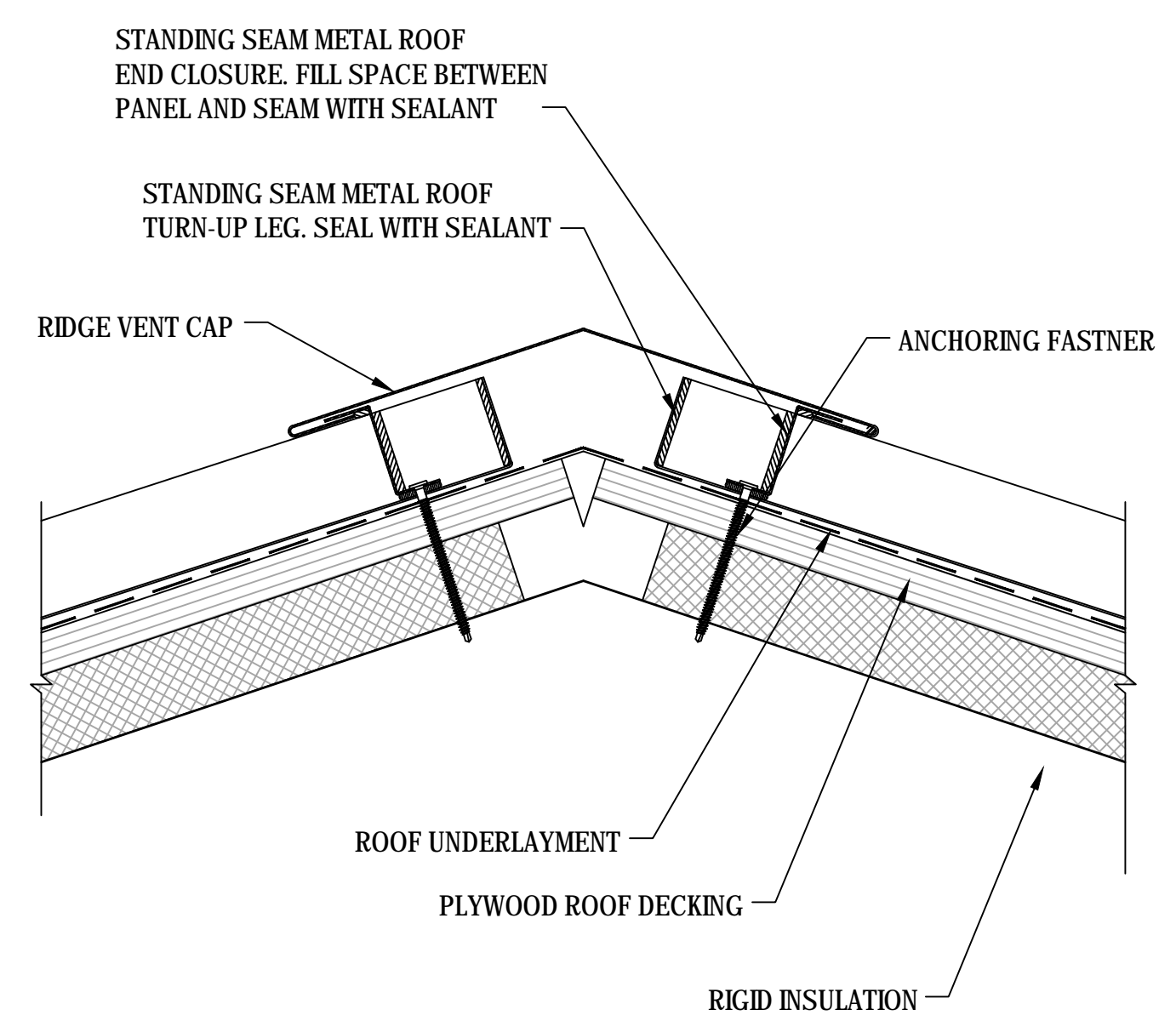
DRAWING TITLE: EXTERIOR AND MISCELLANEOUS DETAILS

SHEET **A-5.00** OF

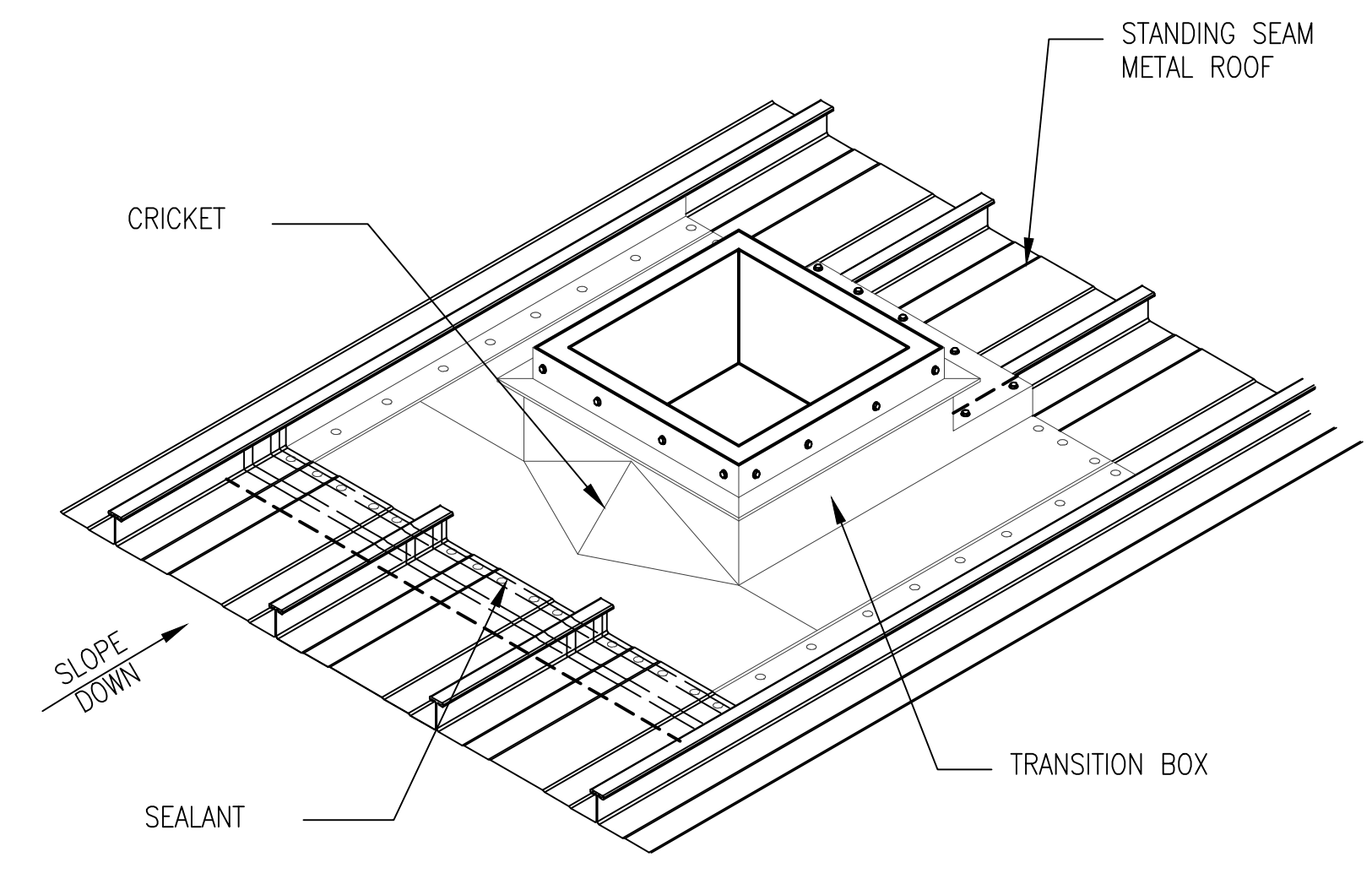
RAC #: 1700200



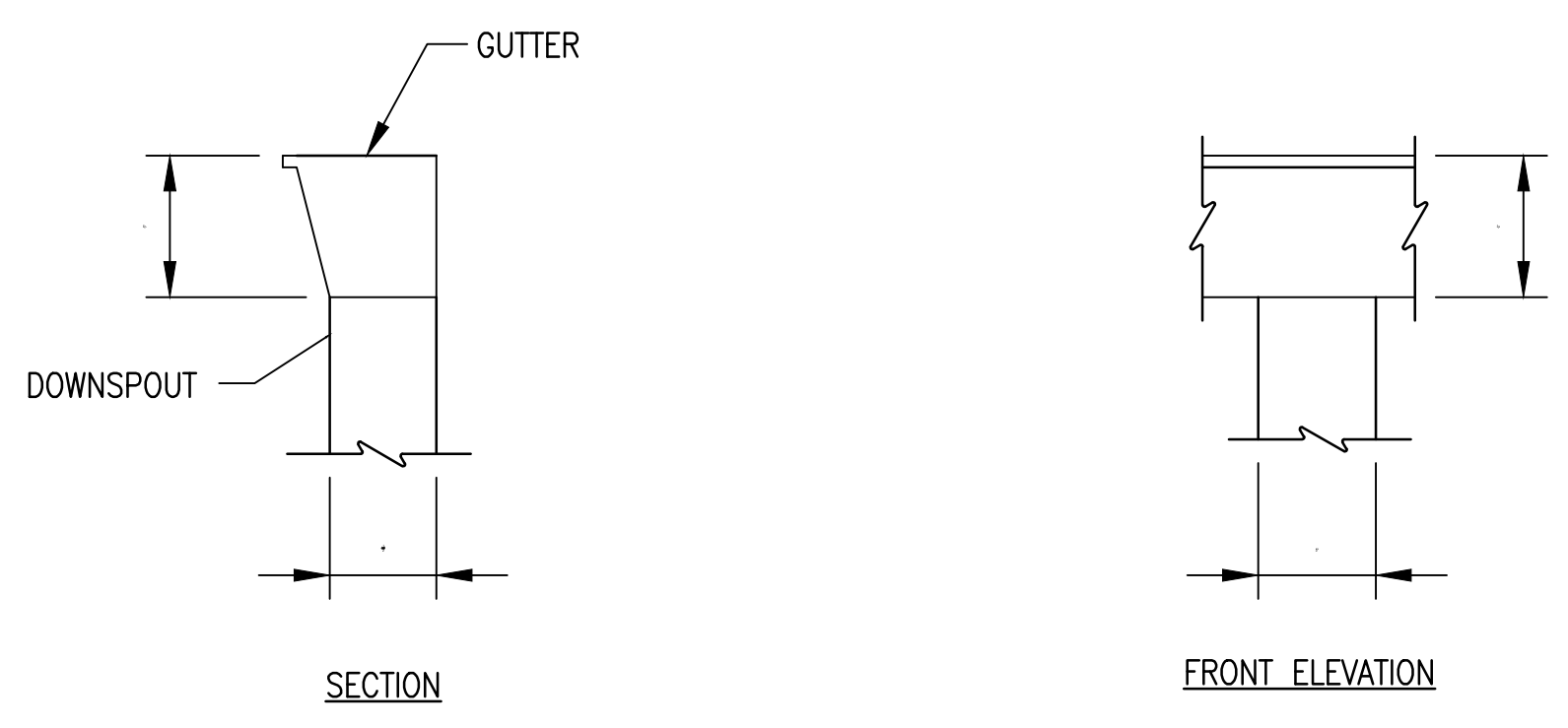
1 ROOF VENT DETAIL - TYPICAL
 A-5.00 SCALE: 1 1/2" = 1'-0"



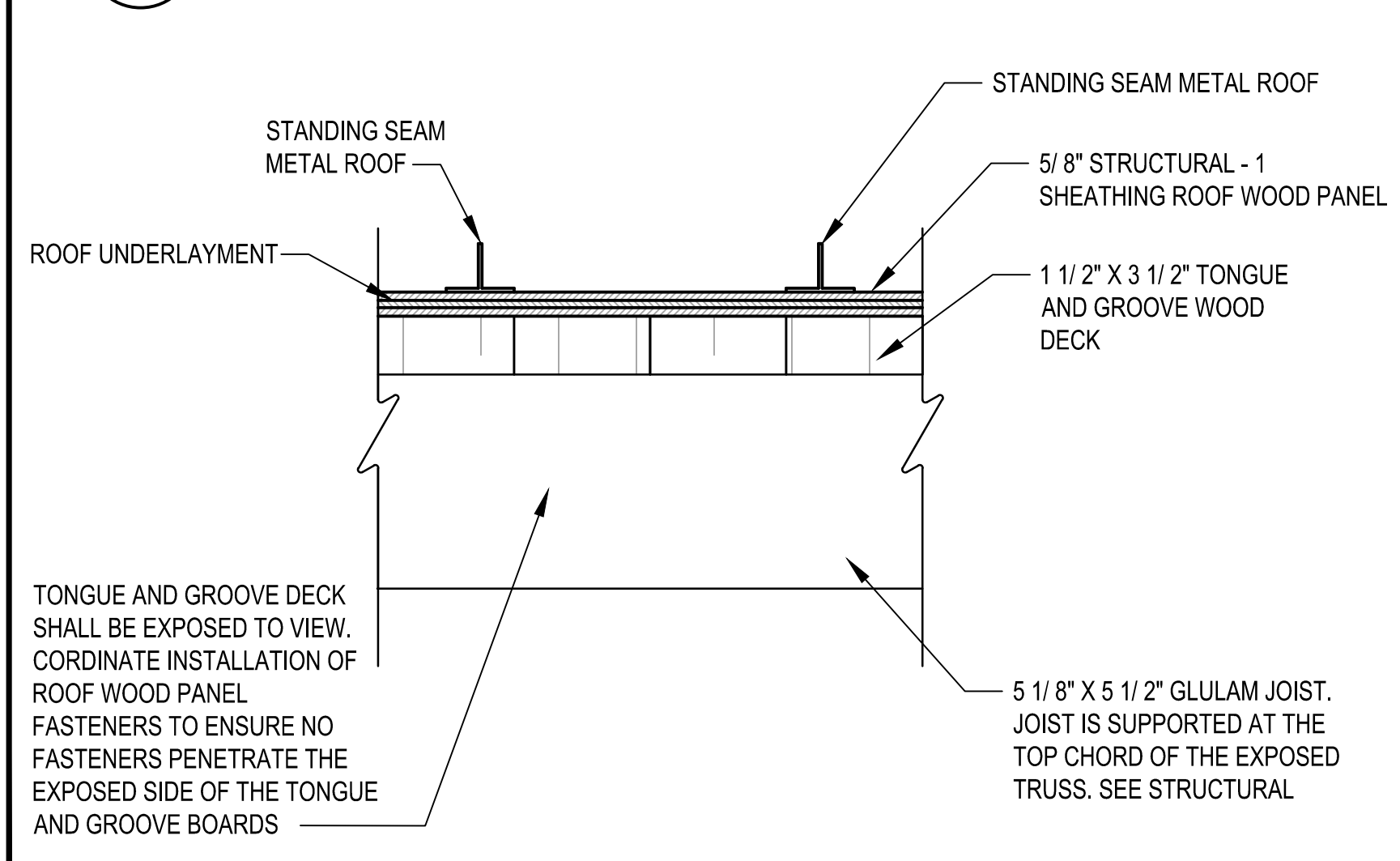
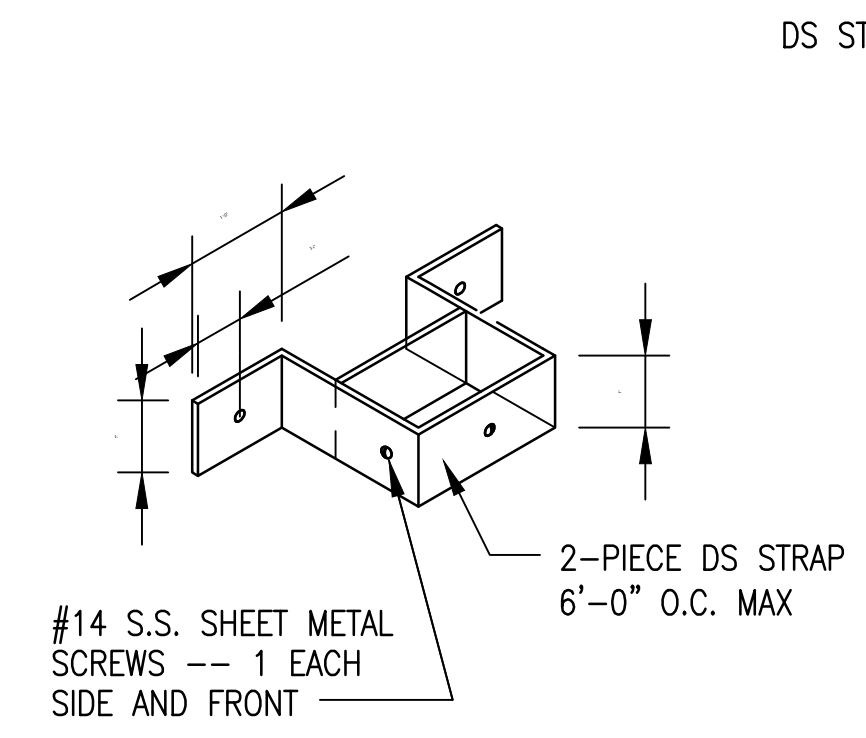
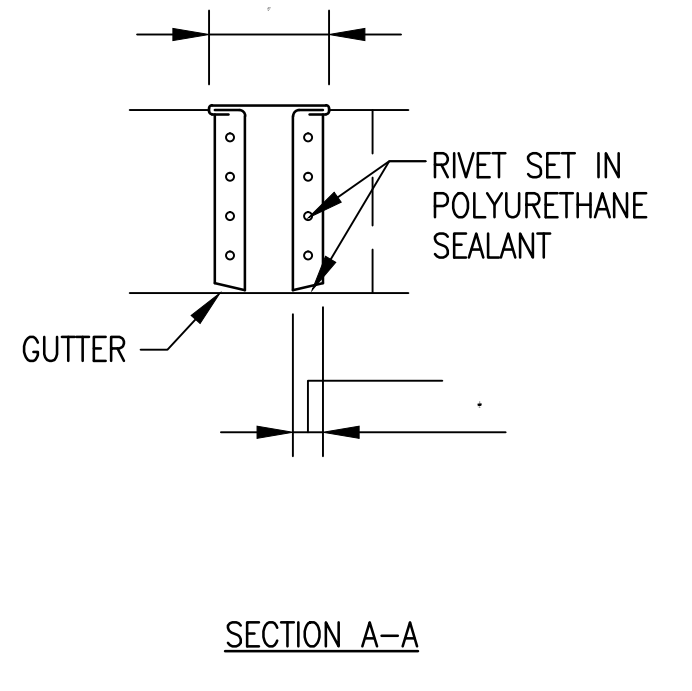
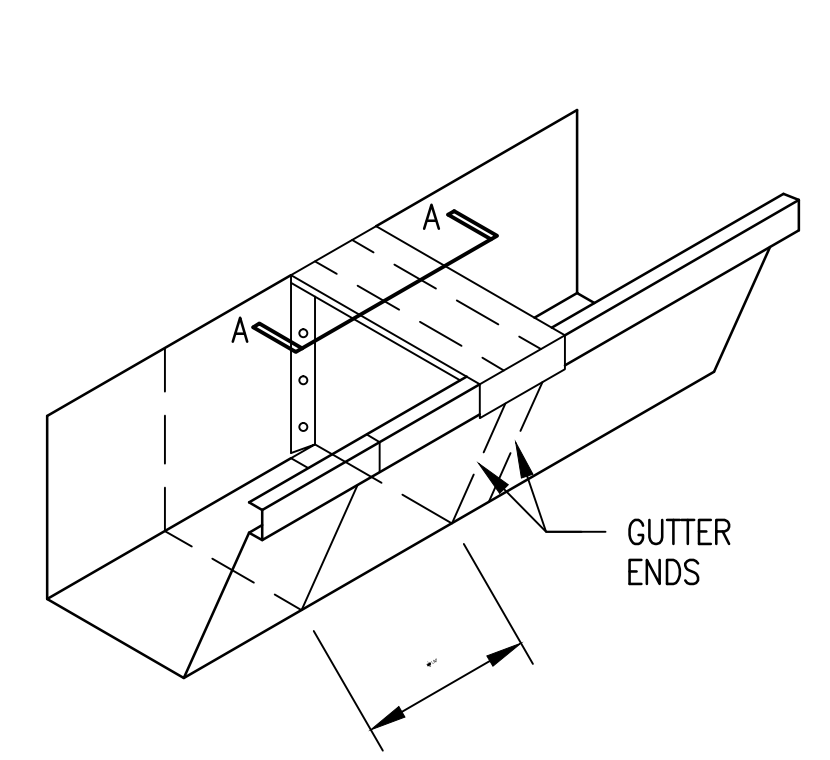
2 RIDGE VENT DETAIL
 A-5.00 SCALE: NOT TO SCALE



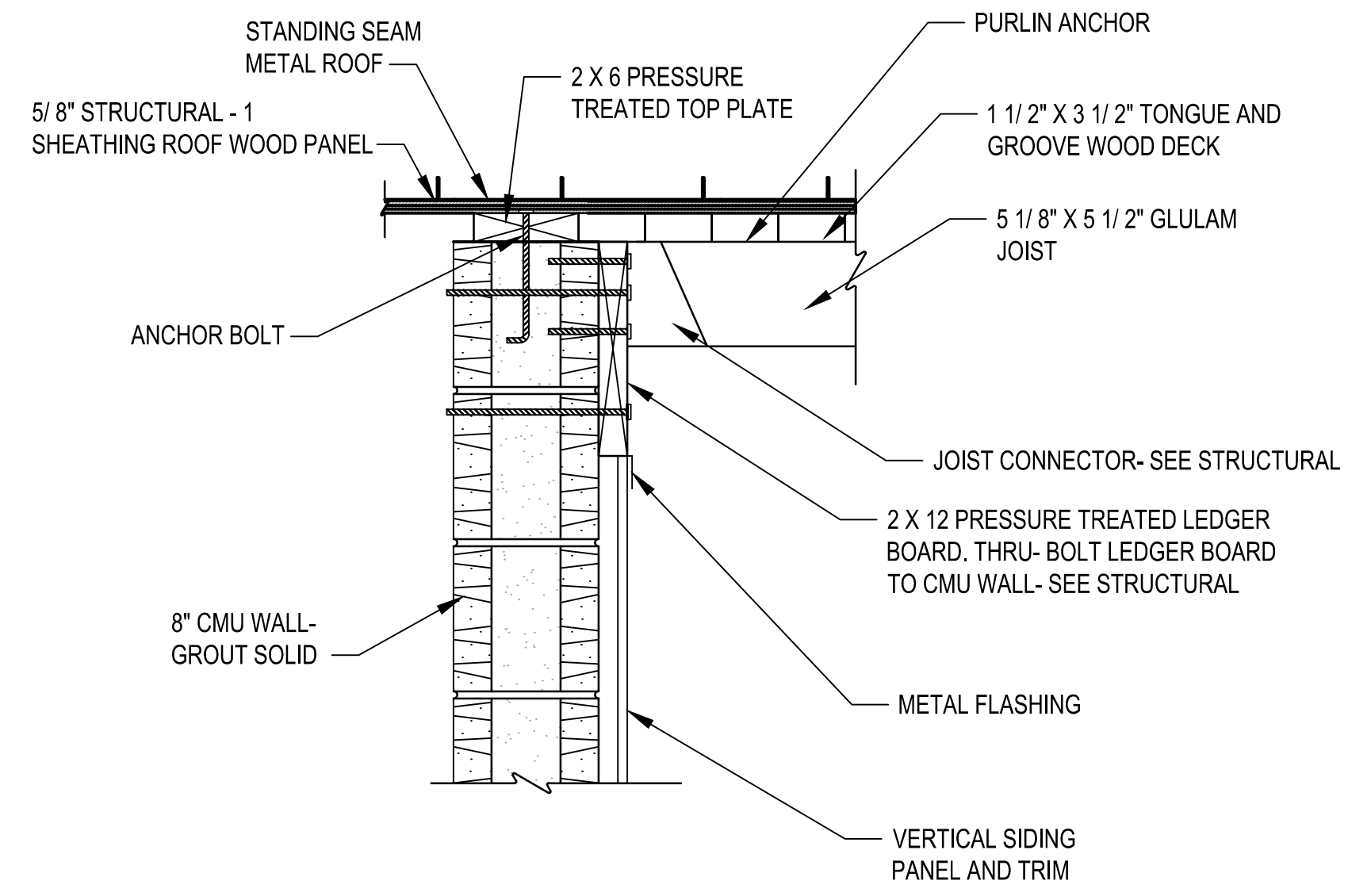
3 EXHAUST FAN ROOF TRANSITION BOX DETAIL
 A-5.00 SCALE: 1/2" = 1'-0"



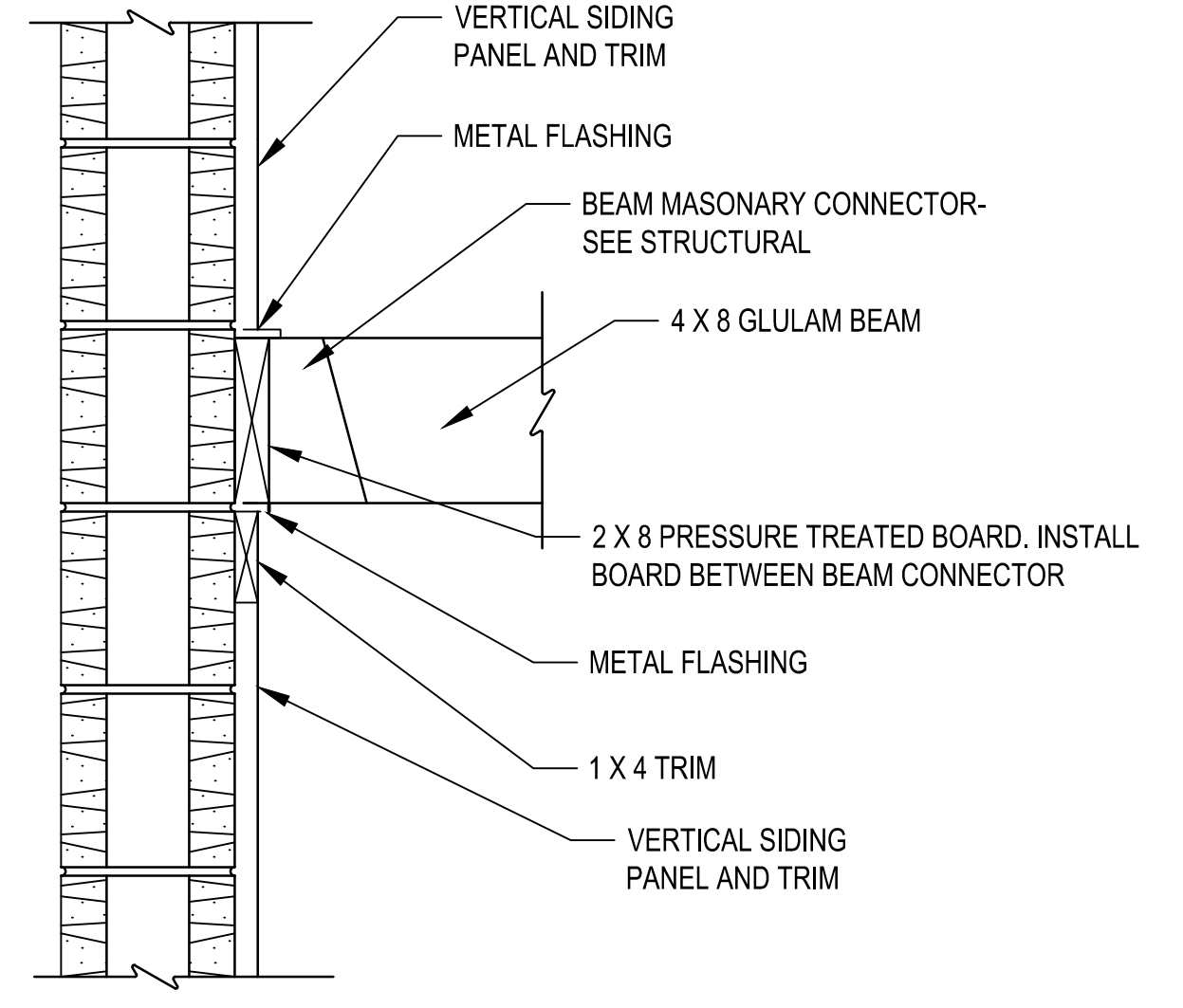
4 GUTTER AND DOWNSPOUTS ELEVATIONS / DETAILS
 A-5.00 SCALE: 1 1/2" = 1'-0"



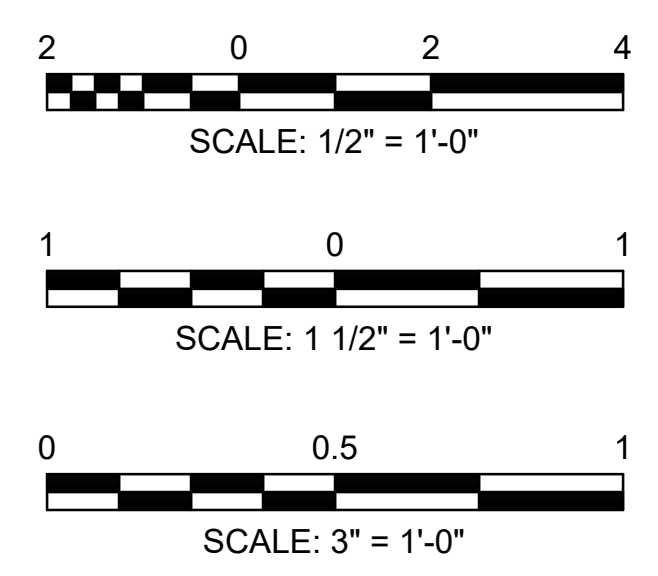
5 COVERED AREA ROOF DETAIL
 A-5.00 SCALE: 3" = 1'-0"

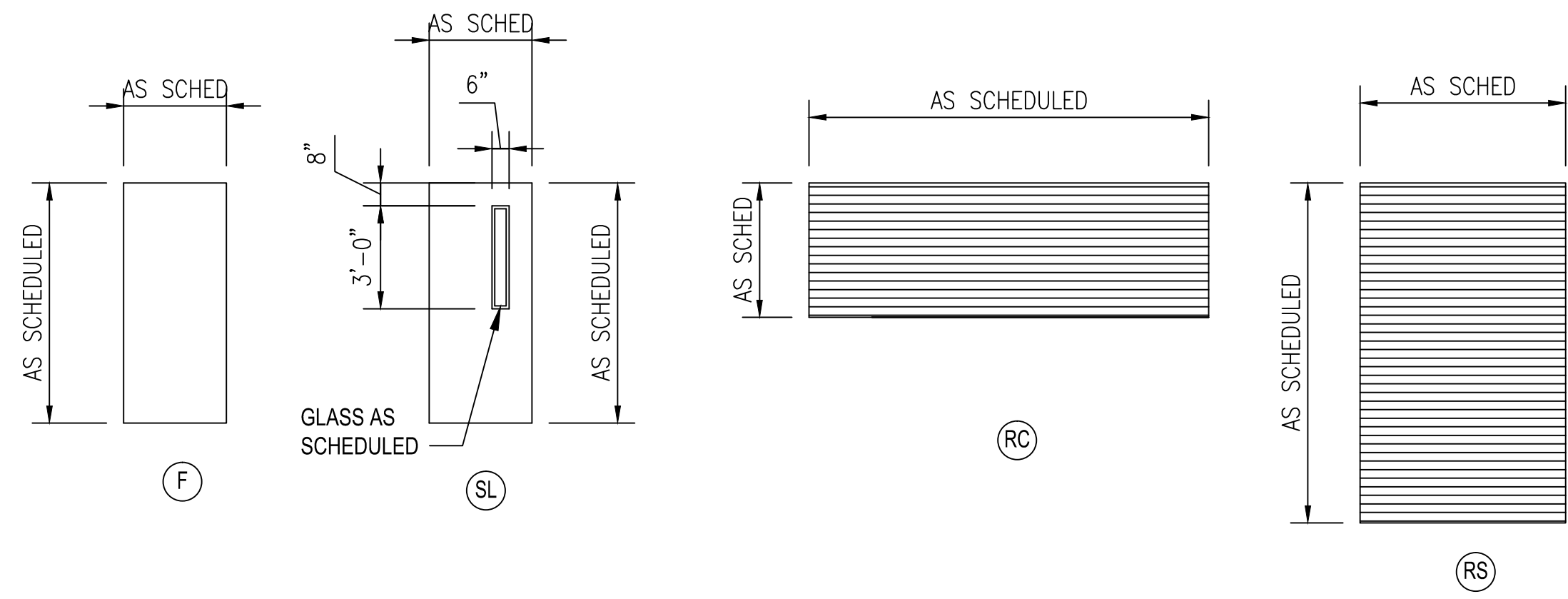


6 COVERED AREA JOIST DETAIL
 A-5.00 SCALE: 1 1/2" = 1'-0"



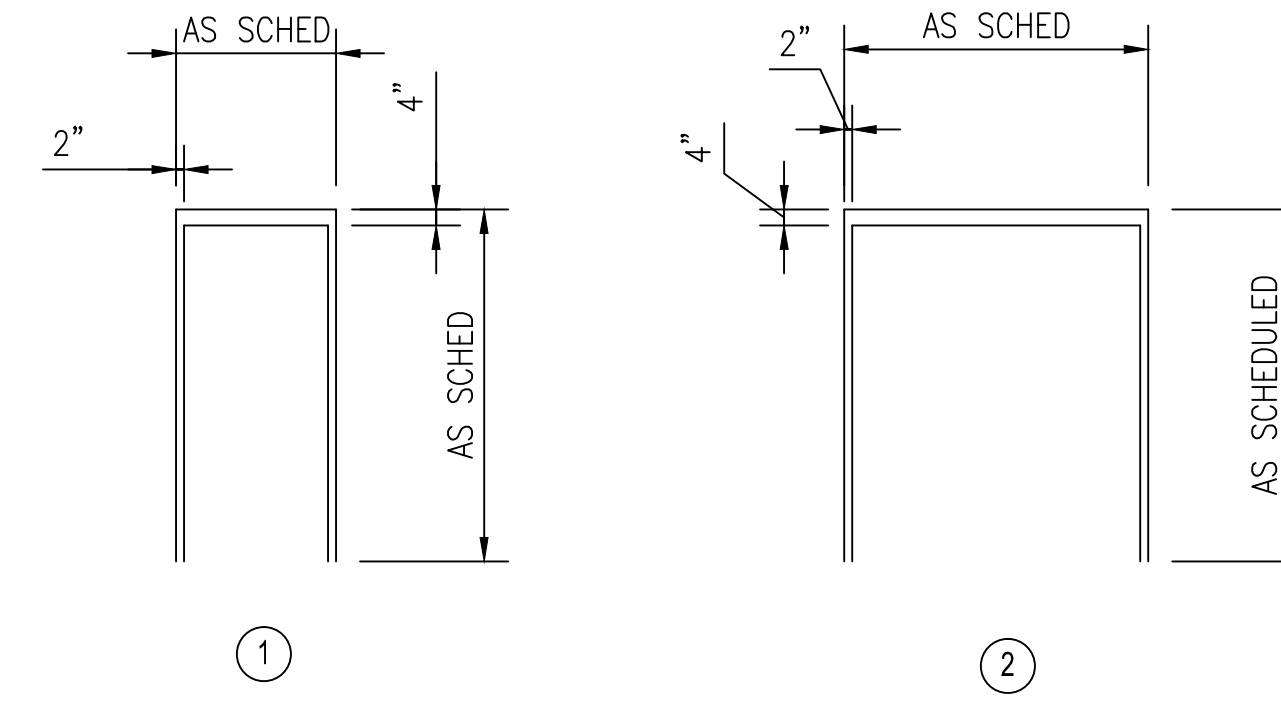
7 COVERED AREA BEAM DETAIL
 A-5.00 SCALE: 1 1/2" = 1'-0"





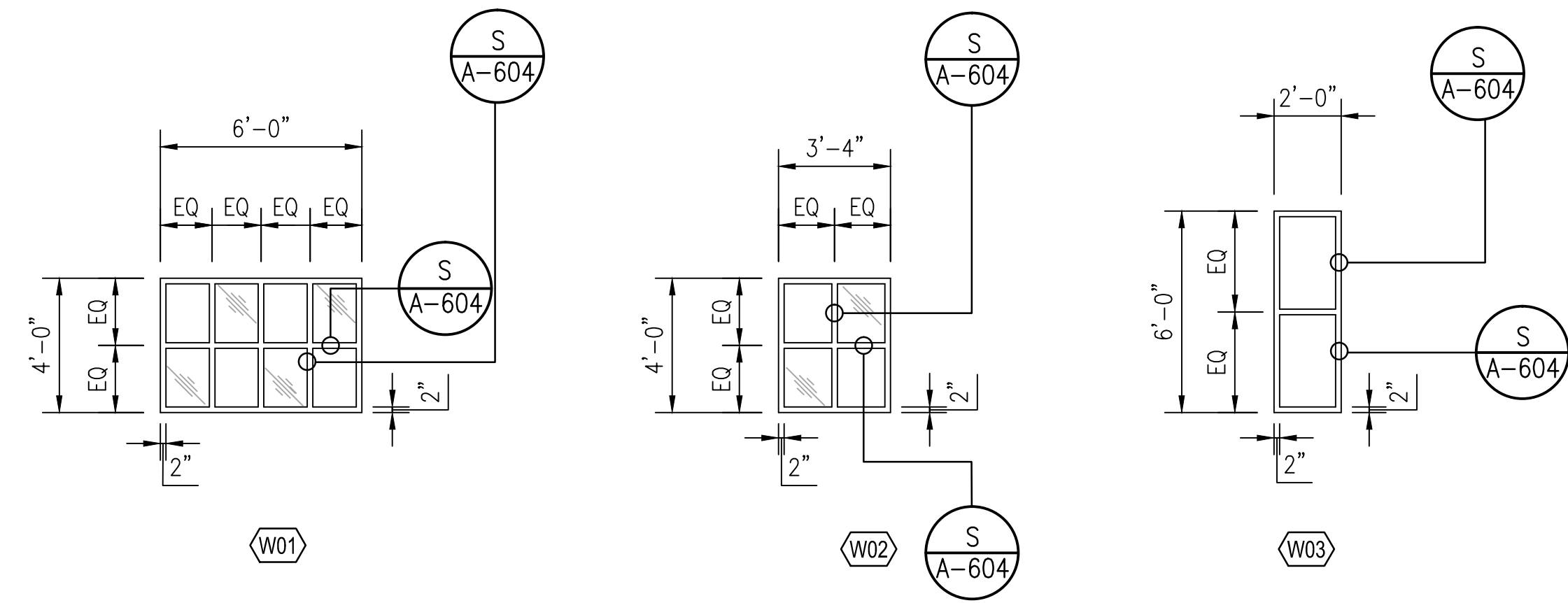
DOOR TYPES

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



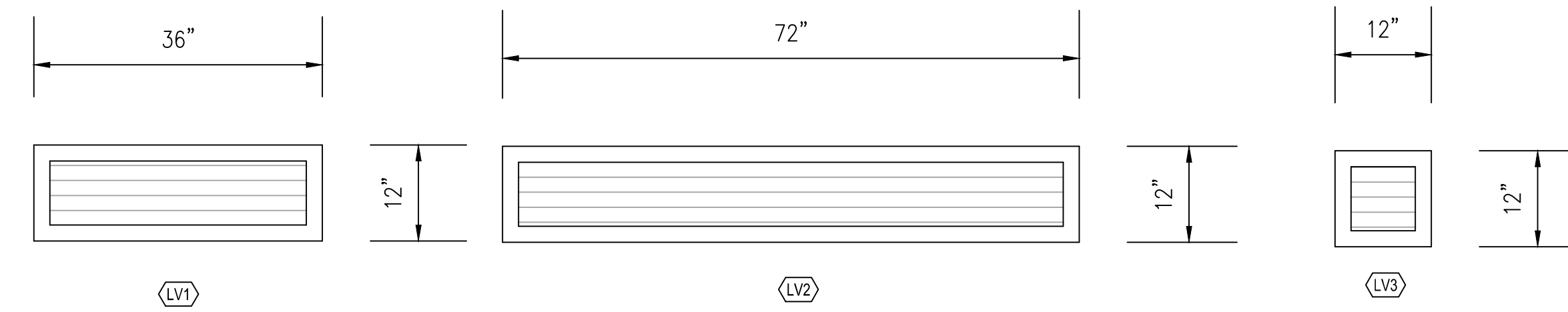
DOOR FRAME TYPES

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



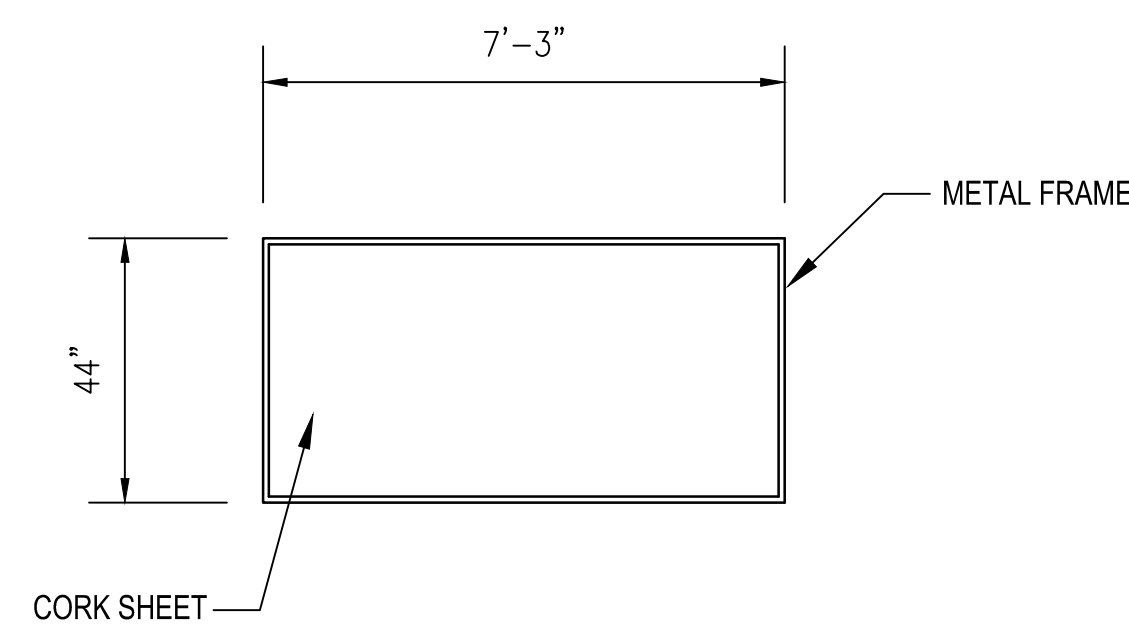
WINDOW FRAME

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



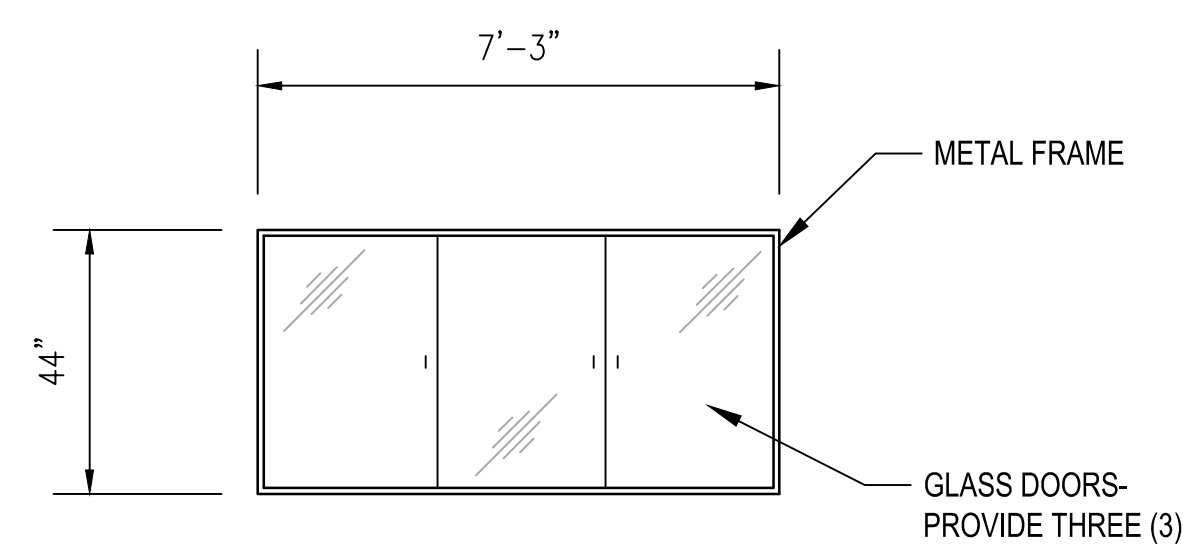
LOUVER TYPES

SCALE: 3/4" = 1'-0"



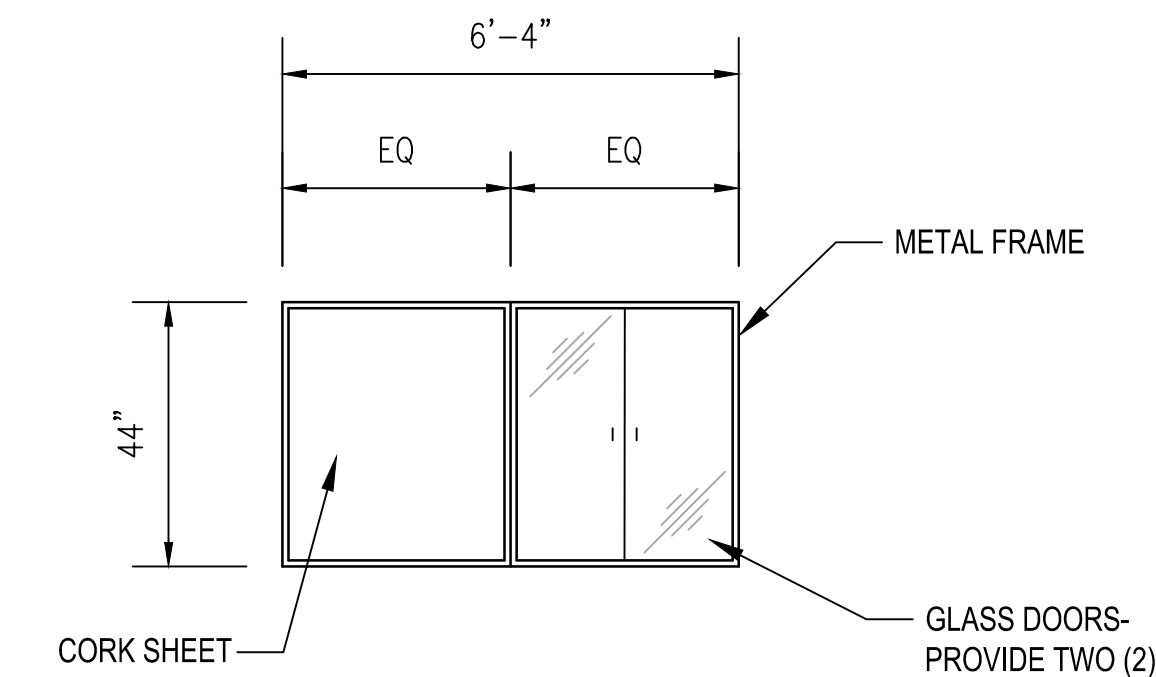
1 TACK BOARD

A-602 SCALE: 3/8" = 1'-0"



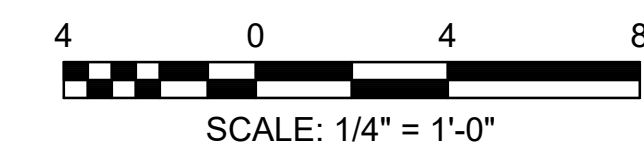
2 BULLETIN BOARD

A-602 SCALE: 3/8" = 1'-0"



3 TACK BOARD / BULLETIN BOARD

A-602 SCALE: 3/8" = 1'-0"



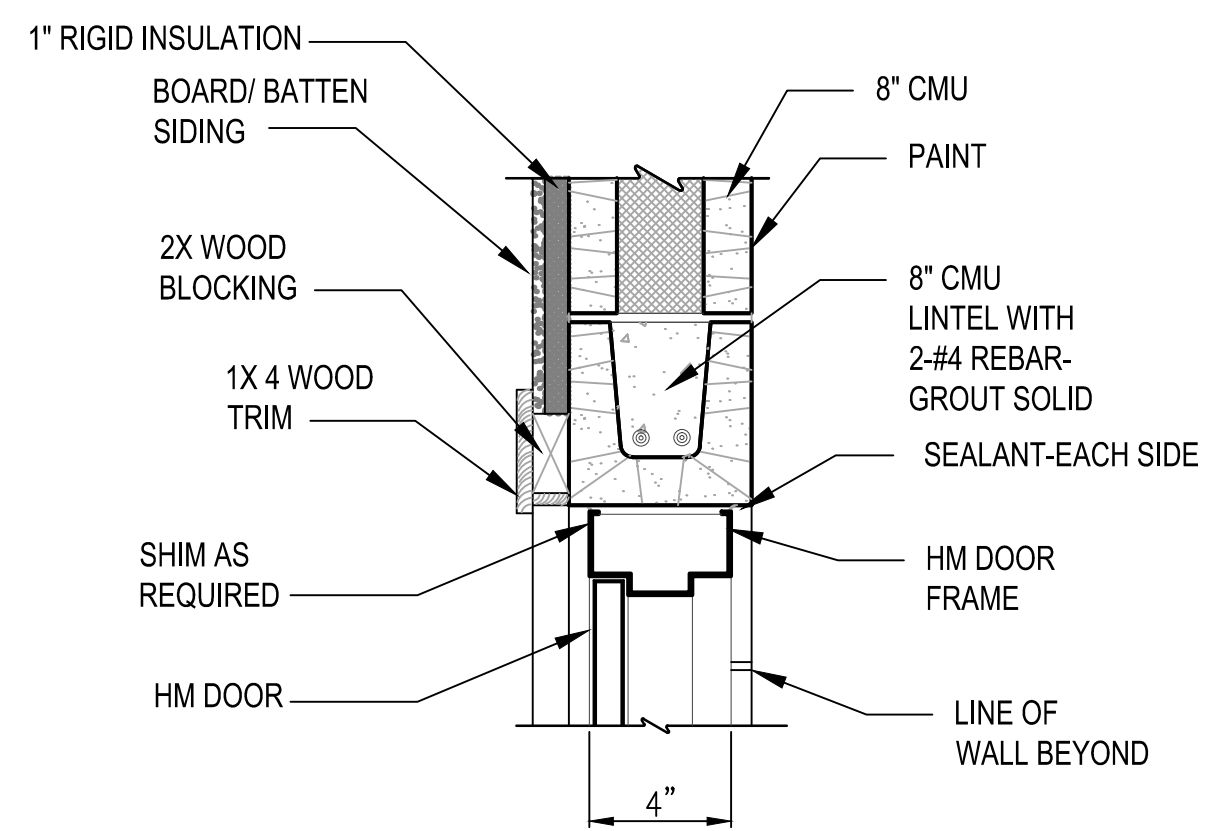
PRICING SET	ADDENDUM #1	ADDENDUM #3	ADDENDUM #4	BUILDING PLAN REVIEW	REVISION
04-19-2017	MDC	MDC	MDC	MDC	BY
04-26-2017	MDC	MDC	MDC	MDC	DATE
06-06-2017	MDC	MDC	MDC	MDC	DATE
08-11-2017	MDC	MDC	MDC	MDC	DATE
08-21-2017	MDC	MDC	MDC	MDC	DATE



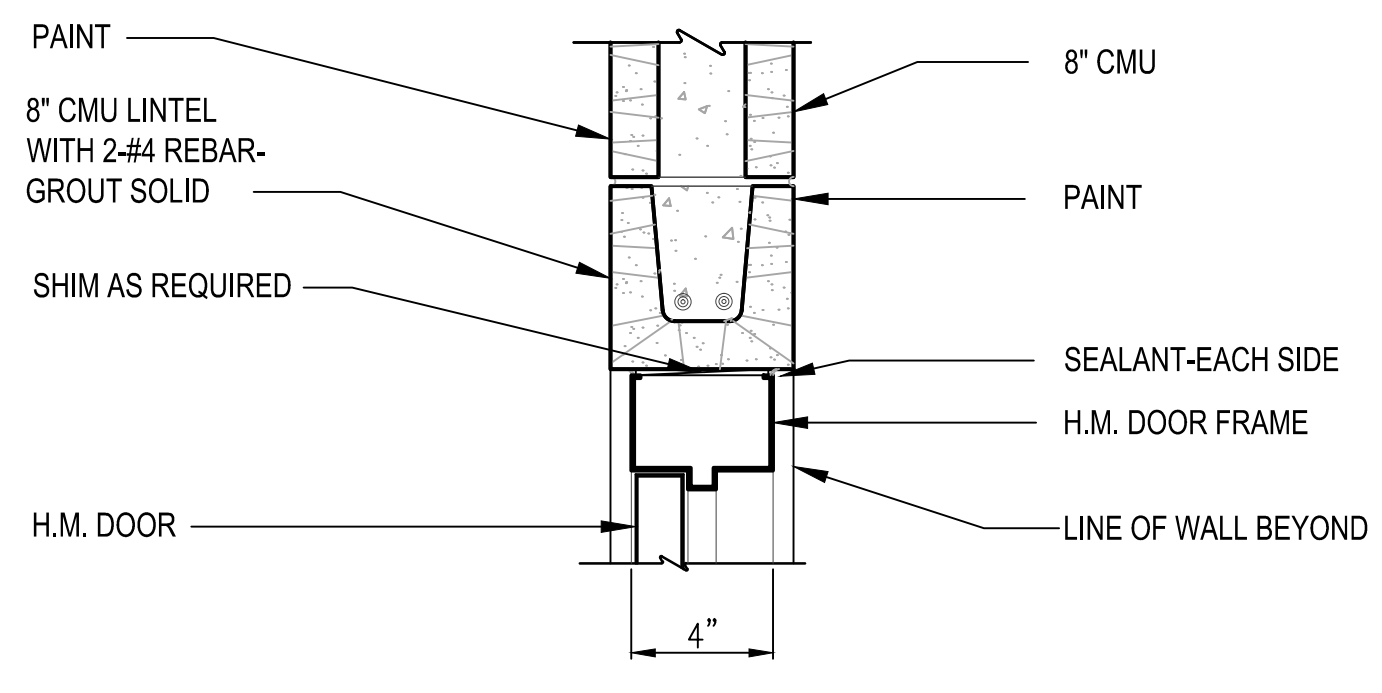
CLIENT: **City of Dunwoody**
PROJECT: **BASEBALL FACILITIES AT BROOK RUN PARK**

DESIGNED	DRAWN	CHECKED	DATE	SCALE
AH	TS	AH		AS SHOWN
PROJECT NO.	C-1810-10	DRAWING TITLE	OPENING ELEVATIONS AND WALL TYPES	

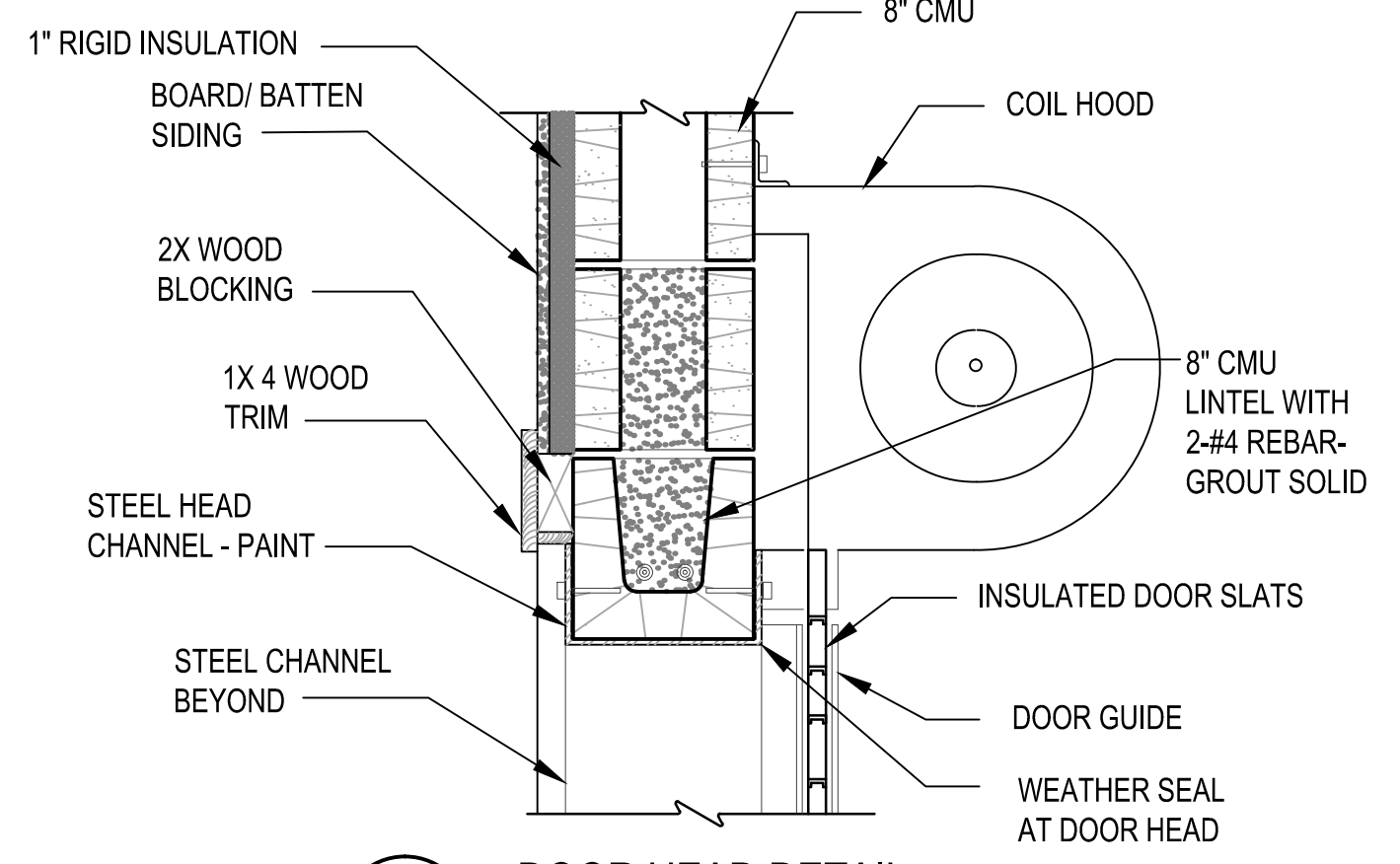
SHEET **A-6.02** OF



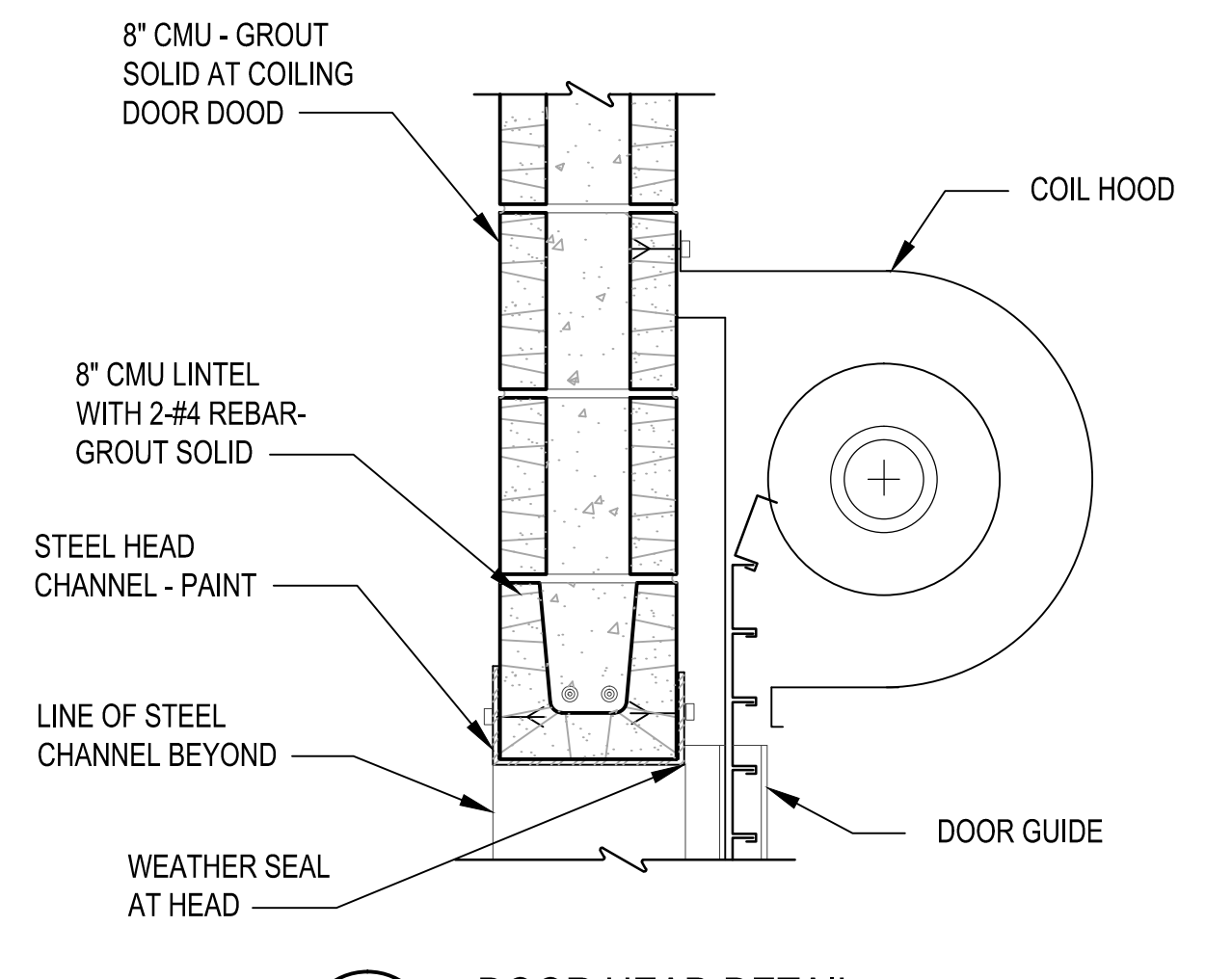
A DOOR HEAD DETAIL
A-6.03 SCALE: 1 1/2" = 1'-0"



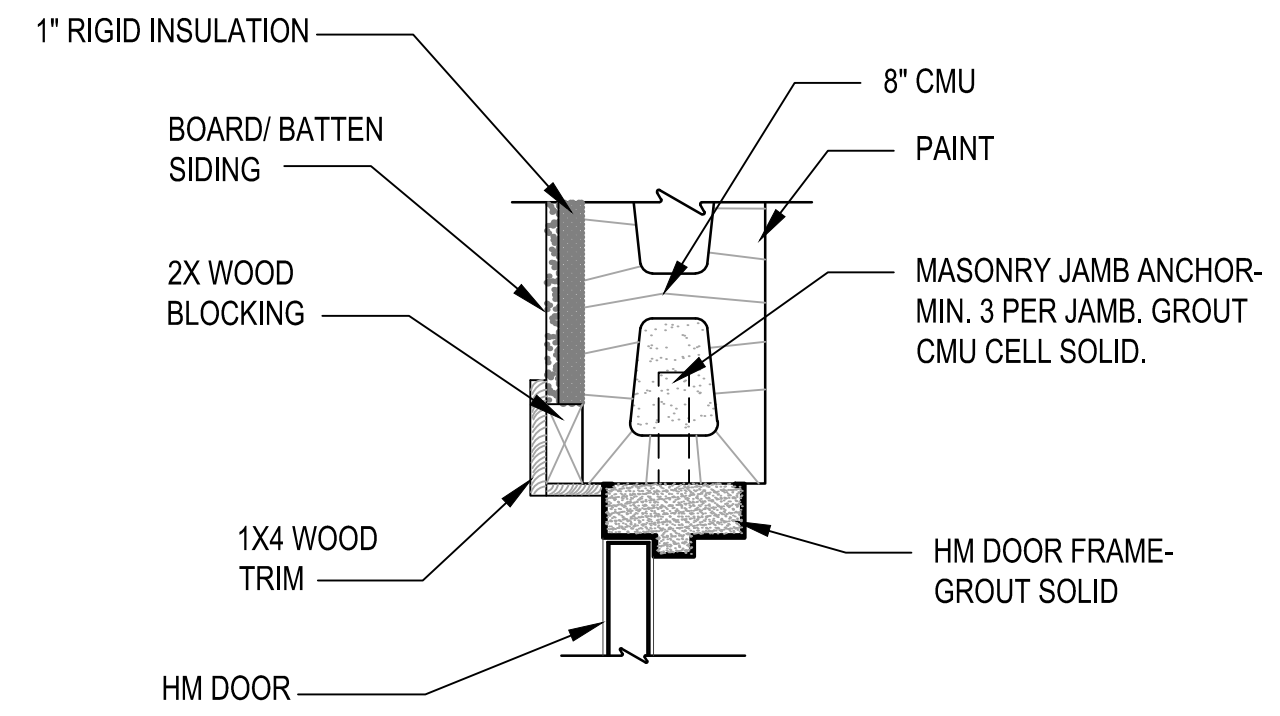
D DOOR HEAD DETAIL
A-6.03 SCALE: 1 1/2" = 1'-0"



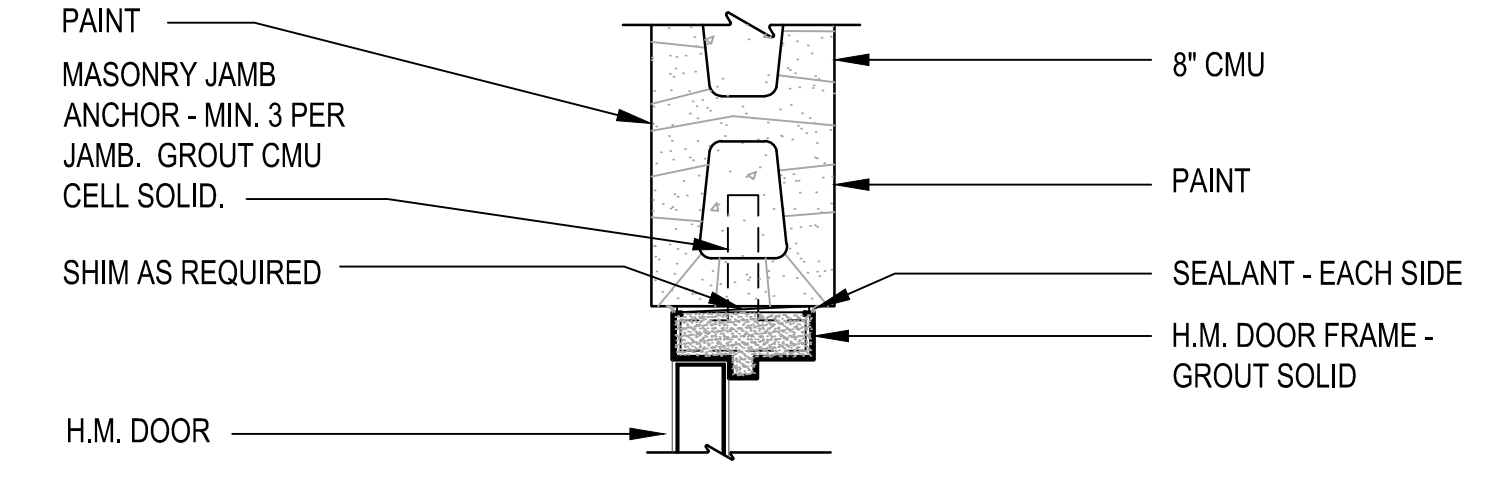
G DOOR HEAD DETAIL
A-6.03 SCALE: 1 1/2" = 1'-0"



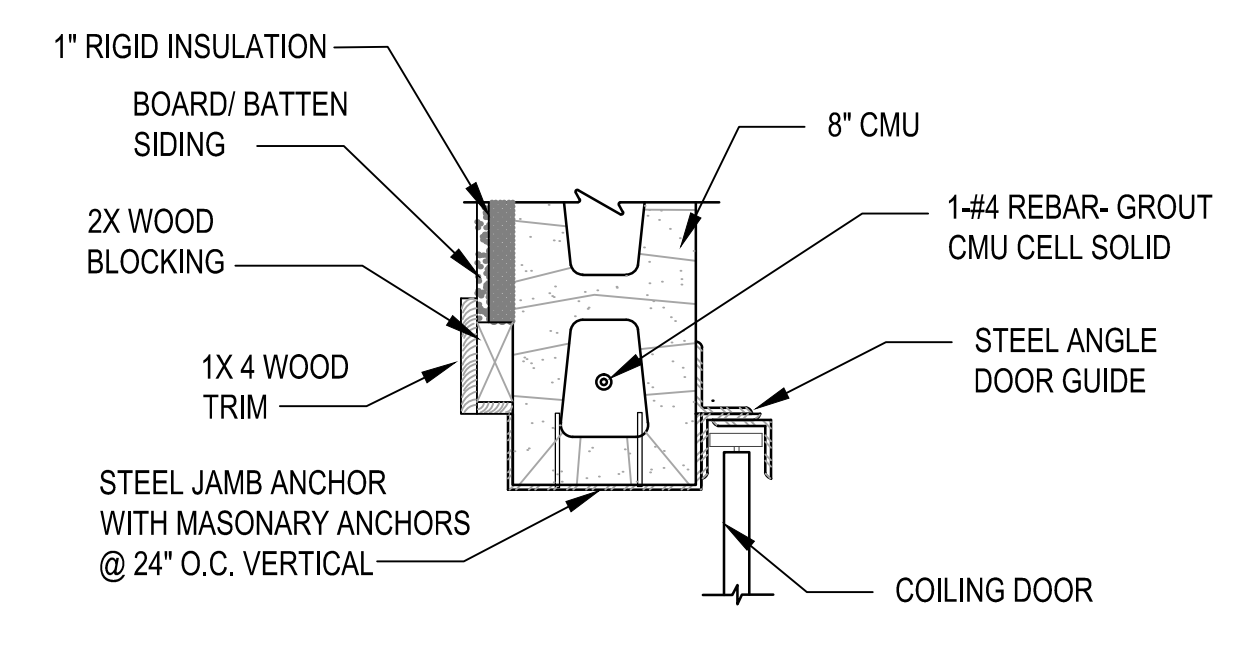
K DOOR HEAD DETAIL
A-6.03 SCALE: 1 1/2" = 1'-0"



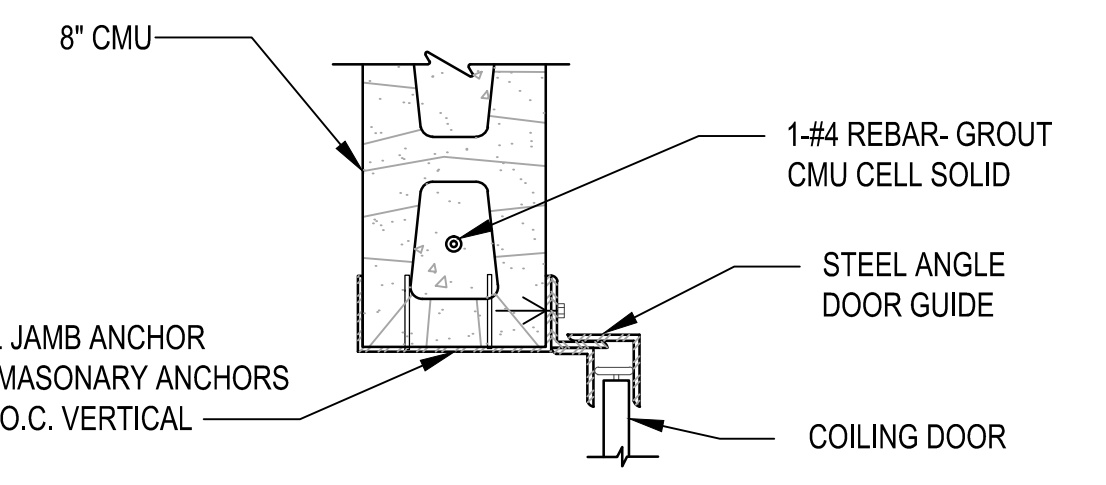
B DOOR JAMB DETAIL
A-6.03 SCALE: 1 1/2" = 1'-0"



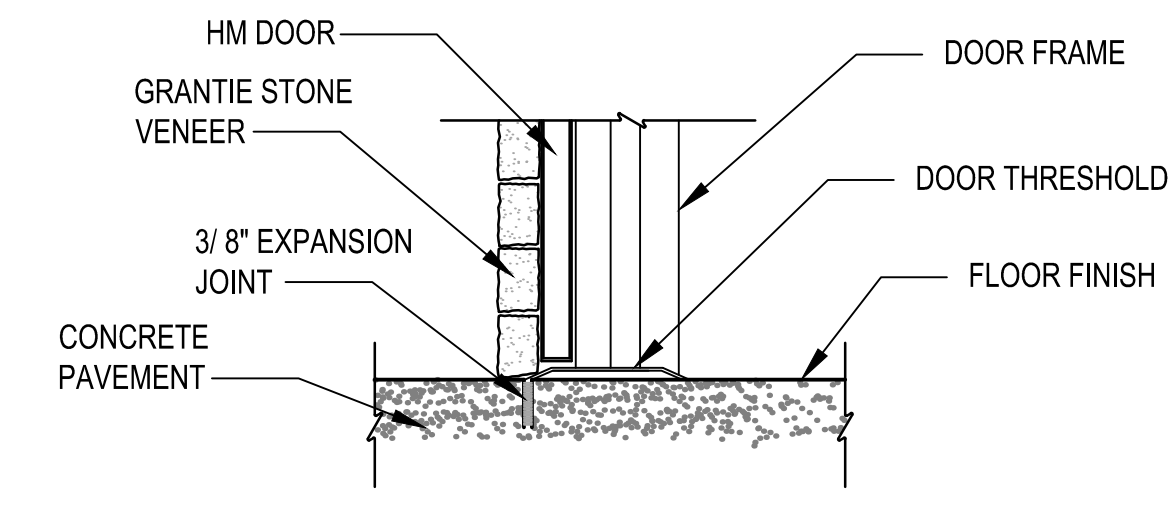
E DOOR JAMB DETAIL
A-6.03 SCALE: 1 1/2" = 1'-0"



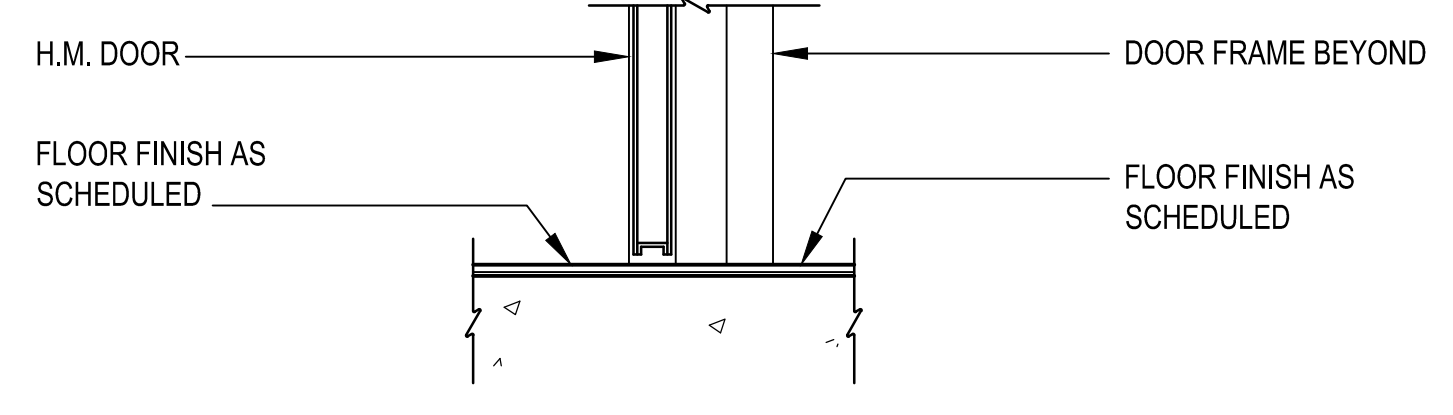
H DOOR JAMB DETAIL
A-6.03 SCALE: 1 1/2" = 1'-0"



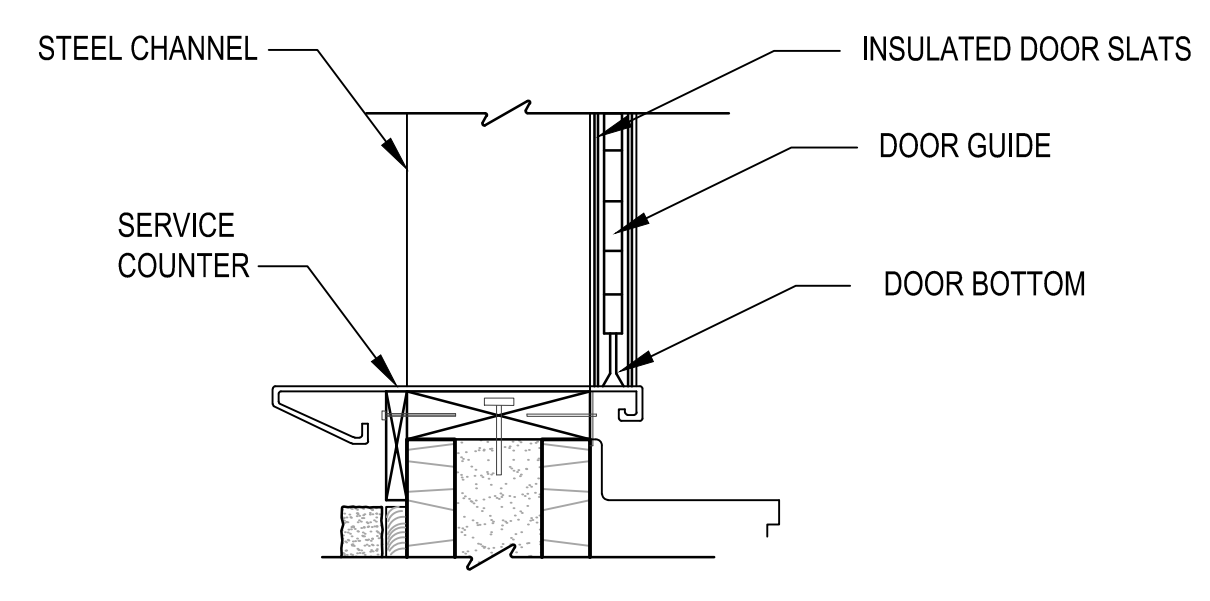
L DOOR JAMB DETAIL
A-6.03 SCALE: 1 1/2" = 1'-0"



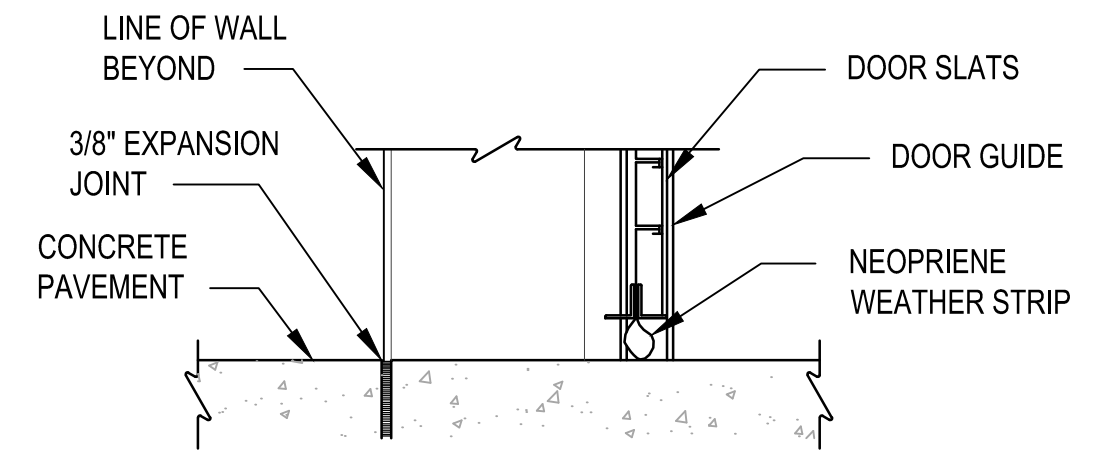
C DOOR SILL DETAIL
A-6.03 SCALE: 1 1/2" = 1'-0"



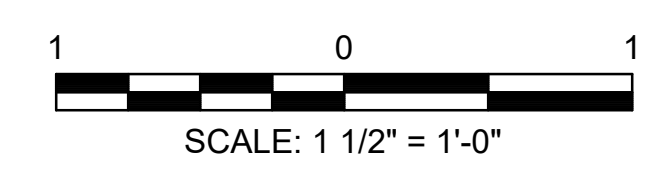
F DOOR SILL DETAIL
A-6.03 SCALE: 1 1/2" = 1'-0"



J DOOR SILL DETAIL
A-6.03 SCALE: 1 1/2" = 1'-0"



M DOOR SILL DETAIL
A-6.03 SCALE: 1 1/2" = 1'-0"

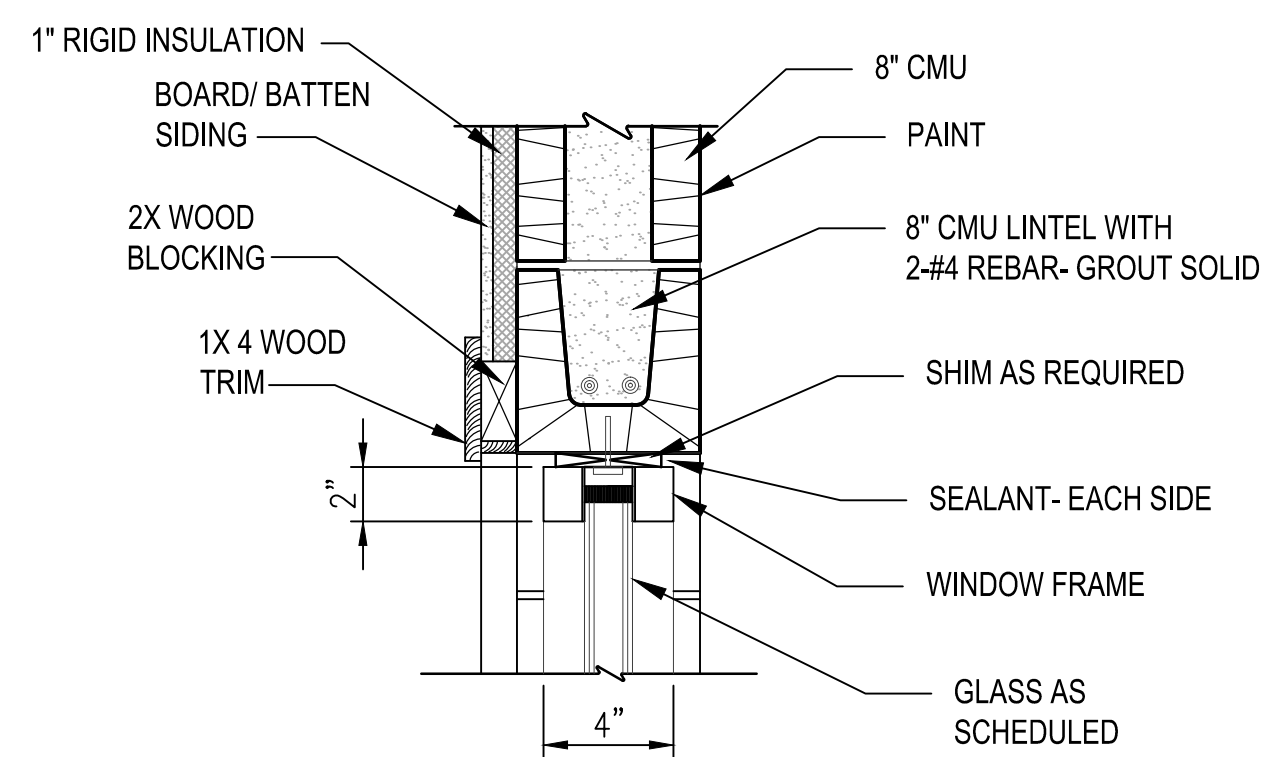


SYMBOL	DATE	BY	REVISION
	04-19-2017	MDC	PRICING SET
	04-26-2017	MDC	ADDENDUM #1
	06-06-2017	MDC	ADDENDUM #3
	08-11-2017	MDC	ADDENDUM #4
	08-21-2017	MDC	BUILDING PLAN REVIEW

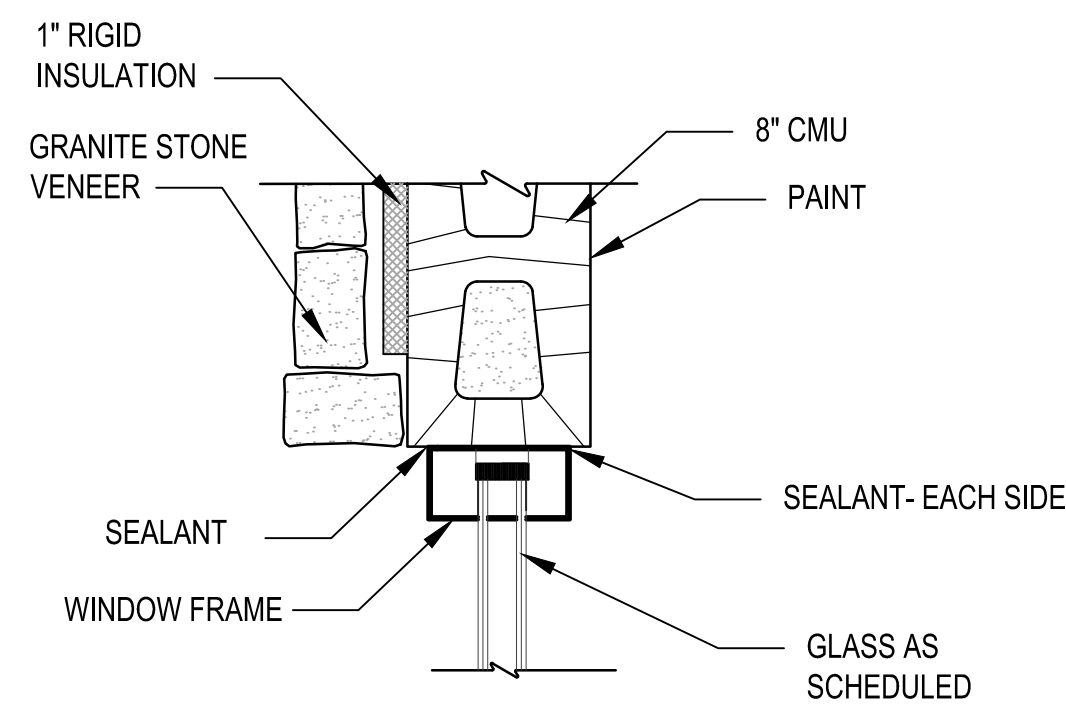


City of **Dunwoody**
PROJECT: BASEBALL FACILITIES AT BROOK RUN PARK

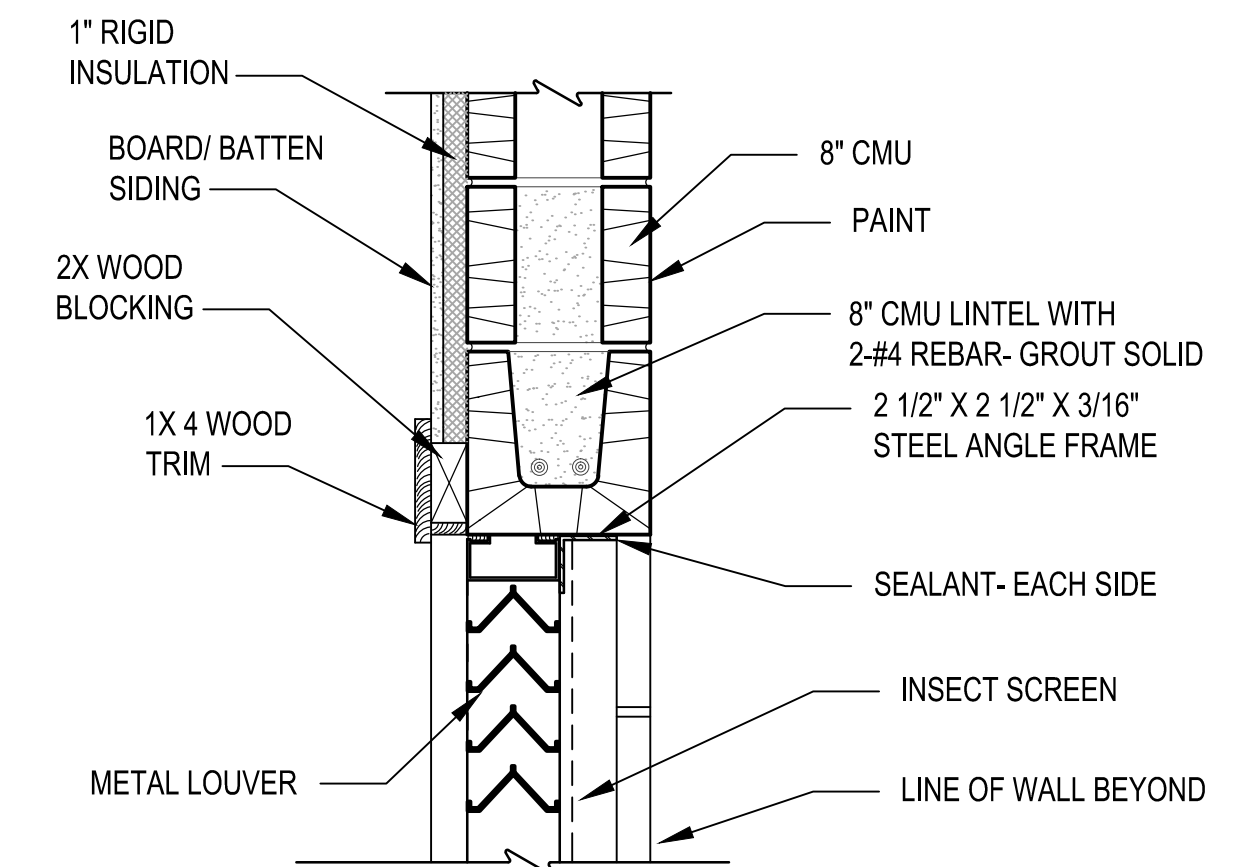
DESIGNED	DRAWN	CHECKED	DATE
AH	TS	AH	
PROJECT NO.	C-1810-10	SCALE	AS SHOWN
DRAWING TITLE	OPENING DETAILS		
SHEET	OF		



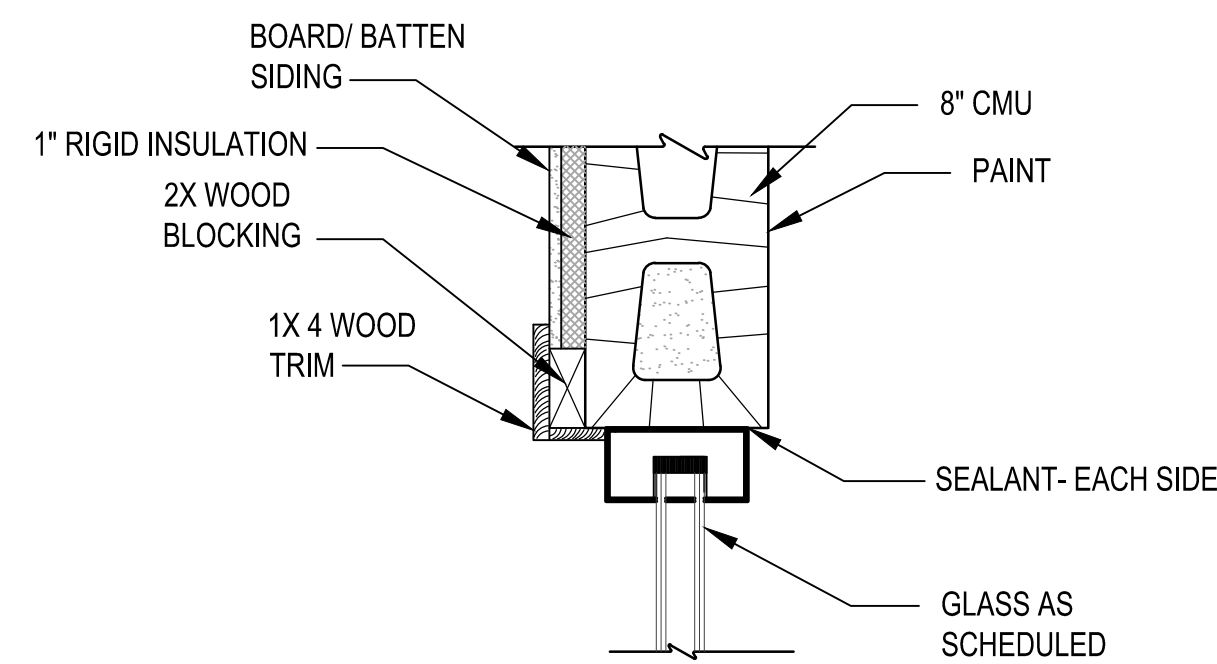
N WINDOW HEAD DETAIL
SCALE: 1 1/2" = 1'-0"



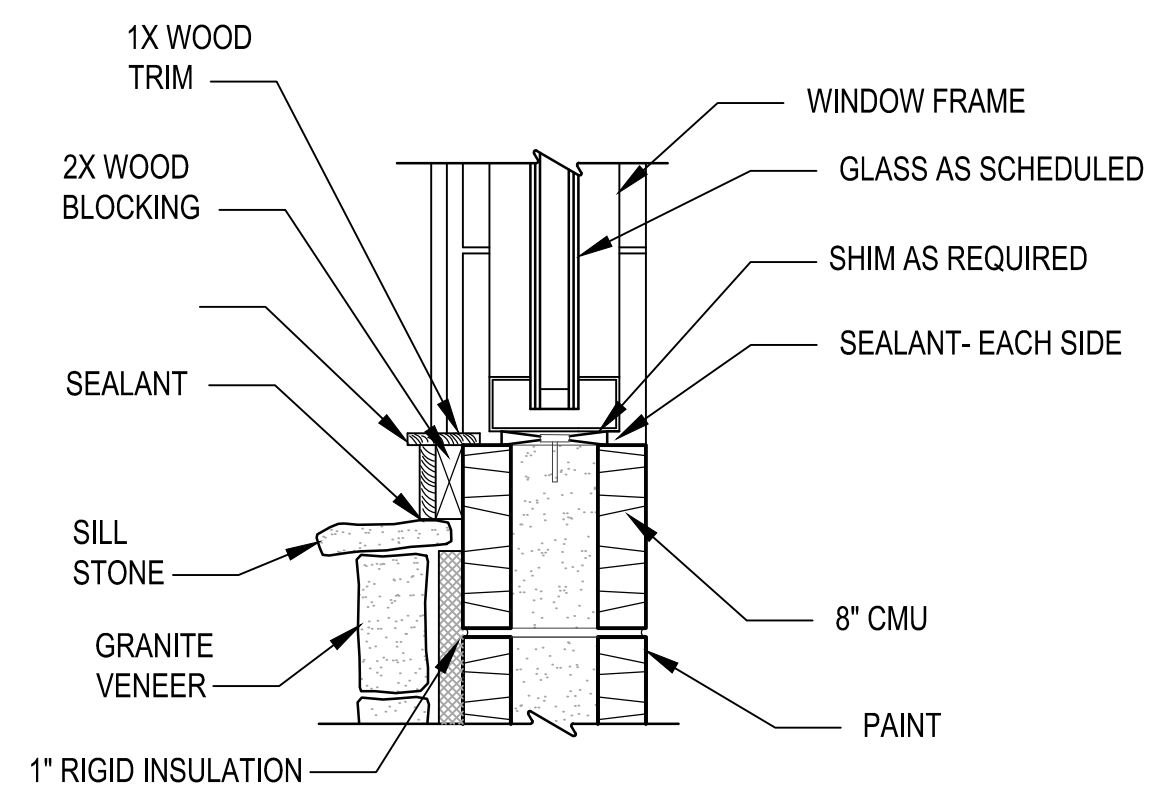
Q WINDOW JAMB DETAIL
SCALE: 1 1/2" = 1'-0"



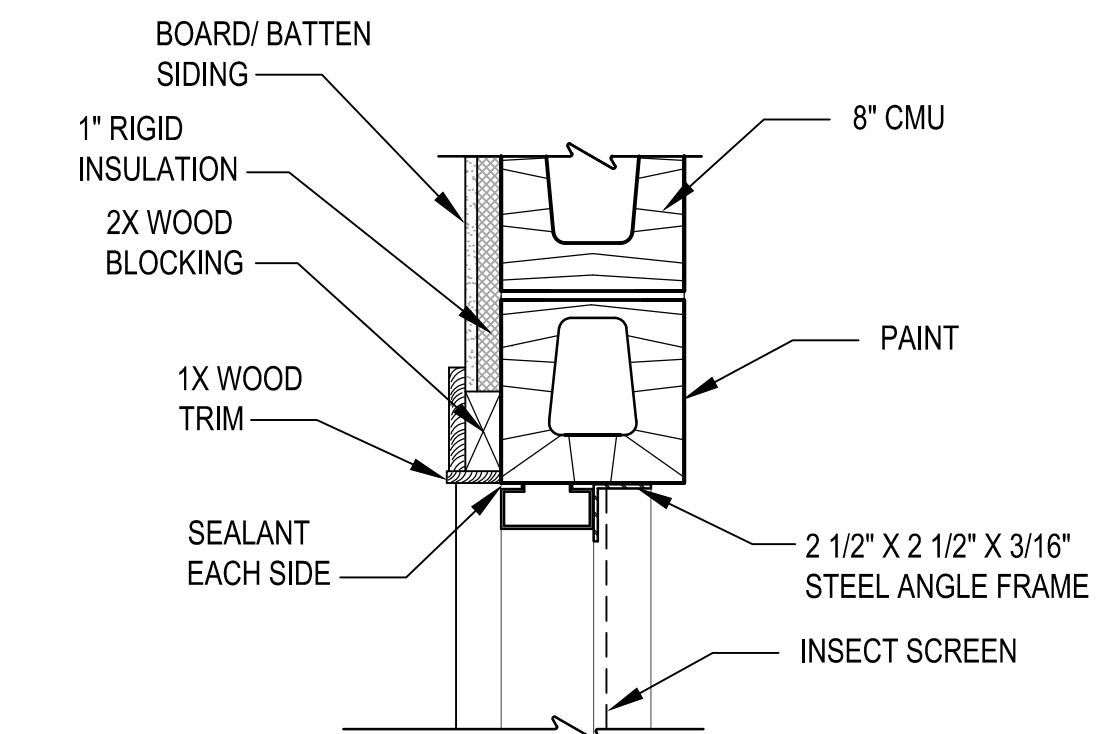
T LOUVER HEAD DETAIL
SCALE: 1 1/2" = 1'-0"



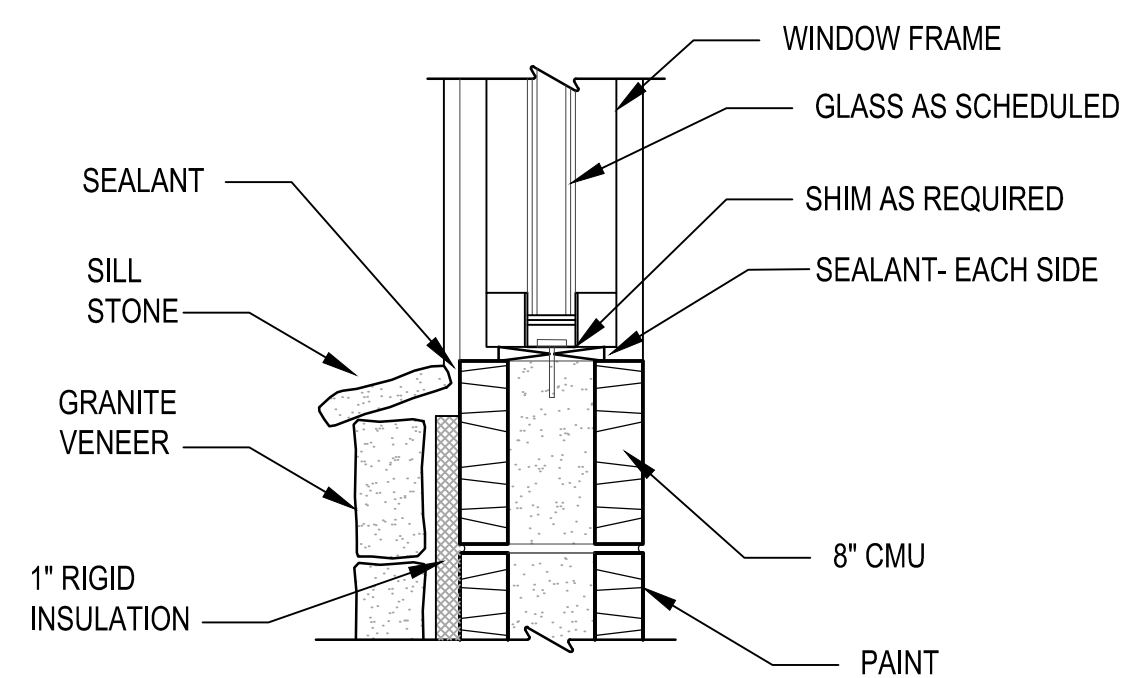
O WINDOW JAMB DETAIL
SCALE: 1 1/2" = 1'-0"



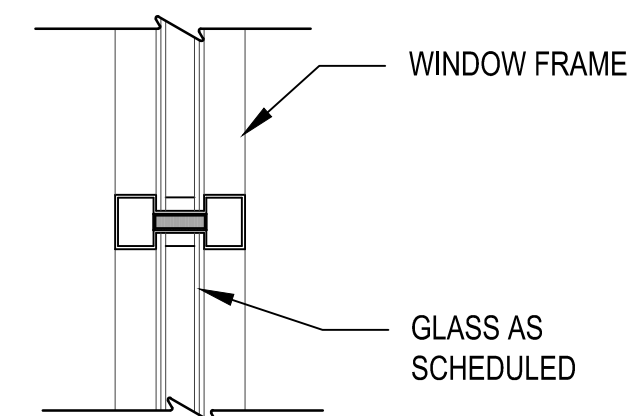
R WINDOW SILL DETAIL
SCALE: 1 1/2" = 1'-0"



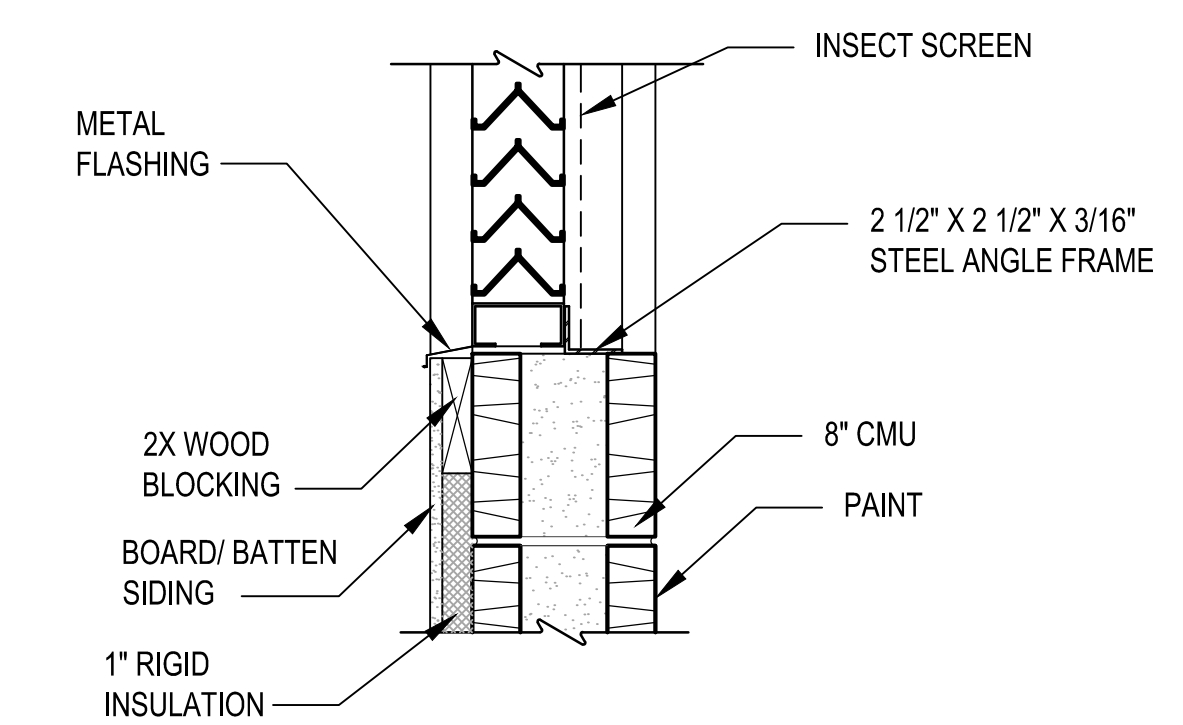
U LOUVER JAMB DETAIL
SCALE: 1 1/2" = 1'-0"



P WINDOW SILL DETAIL
SCALE: 1 1/2" = 1'-0"



S WINDOW MULLION / MUTIN DETAIL
SCALE: 1 1/2" = 1'-0"



V LOUVER SILL DETAIL
SCALE: 1 1/2" = 1'-0"



PRICING SET	ADDENDUM #1	ADDENDUM #3	ADDENDUM #4	BUILDING PLAN REVIEW	REVISION
04-19-2017	04-26-2017	06-06-2017	08-11-2017	08-21-2017	
MDC	MDC	MDC	MDC	MDC	BY
					DATE
					SYMBOL

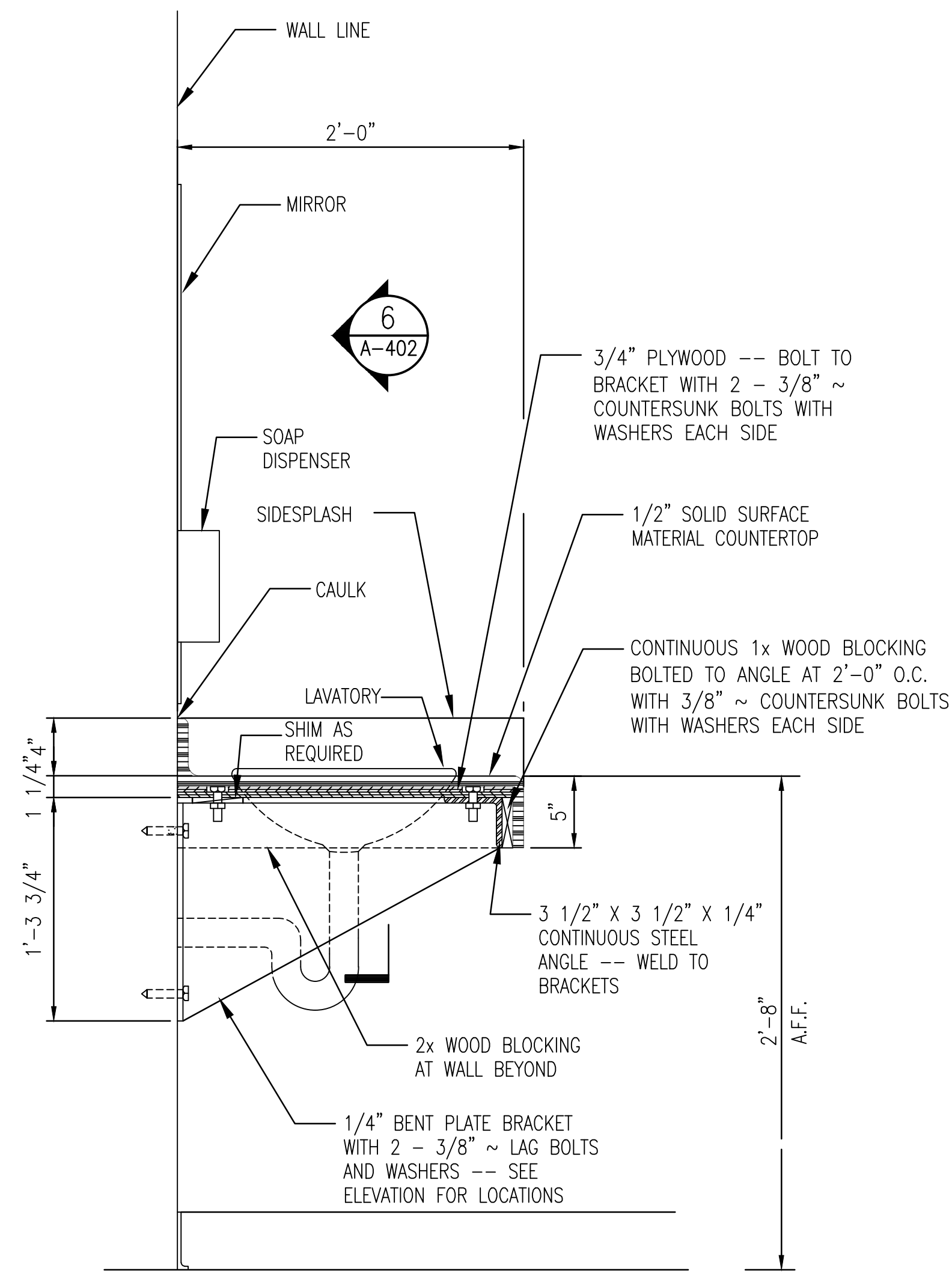


City of **Dunwoody**
PROJECT: BASEBALL FACILITIES AT BROOK RUN PARK

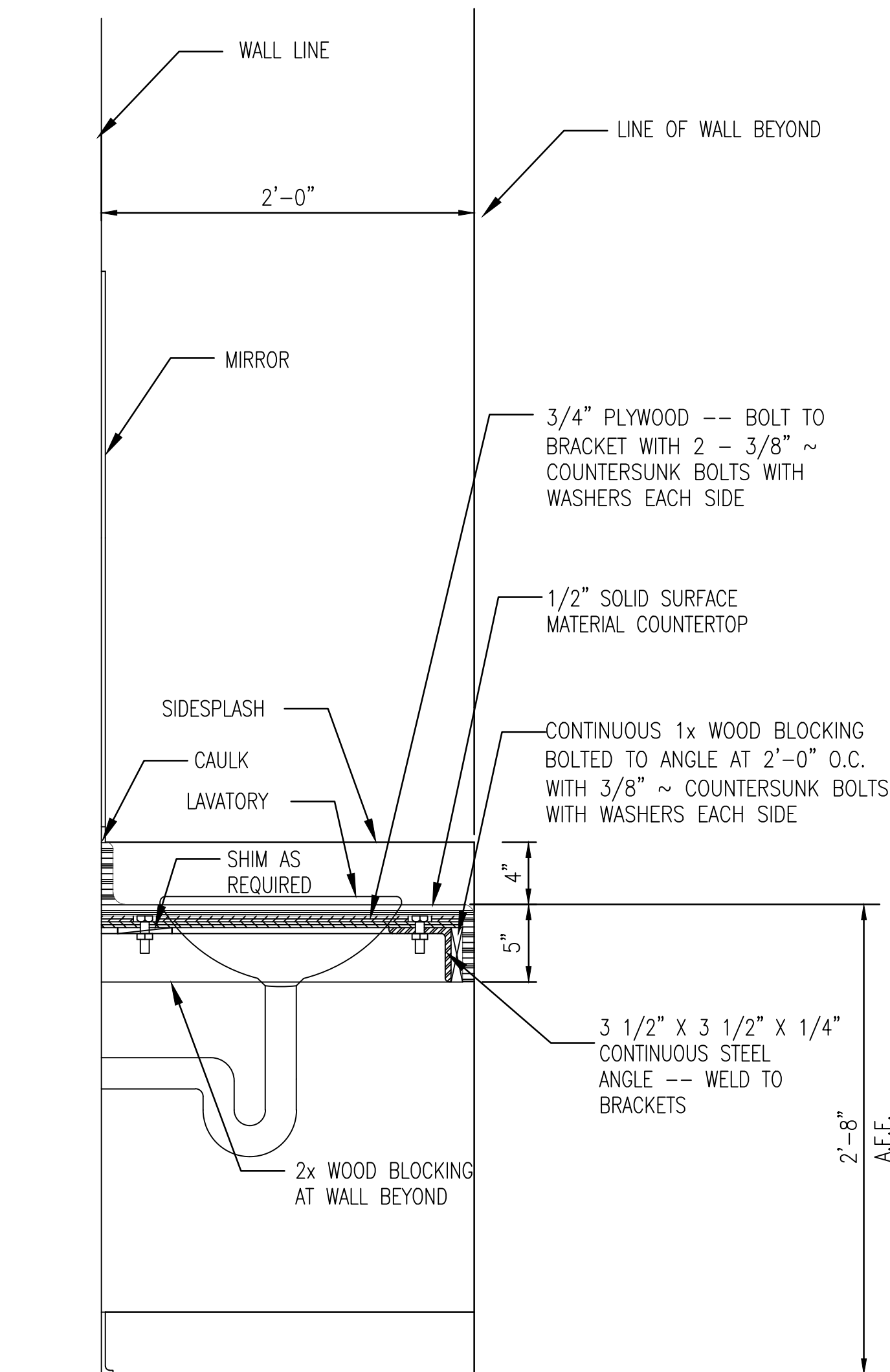
DESIGNED	DRAWN	CHECKED	DATE	SCALE	AS SHOWN
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PROJECT NO. C-1810-10					OPENING DETAILS
DRAWING TITLE					

DRAWING NO. **A-6.04**

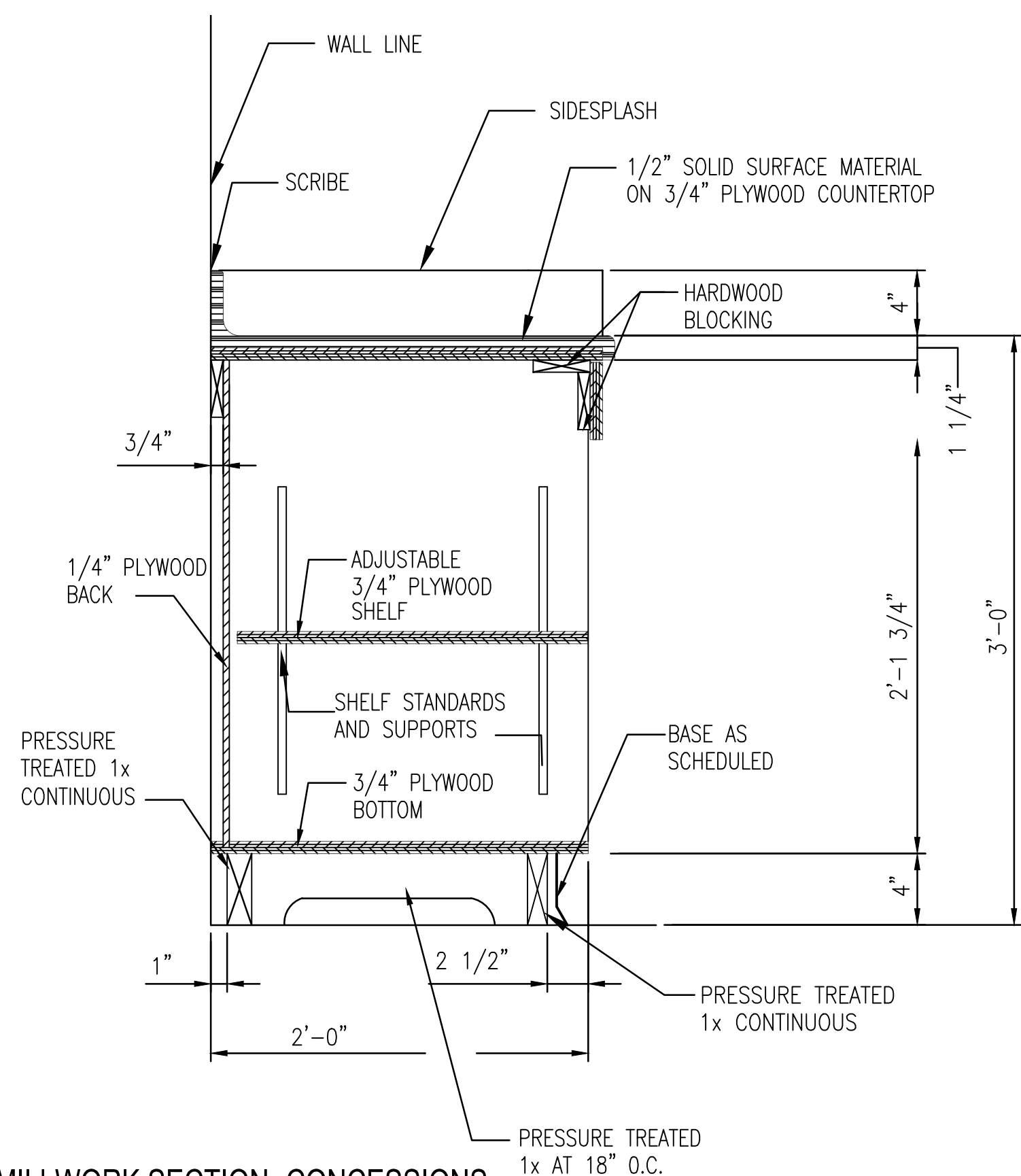
SHEET OF



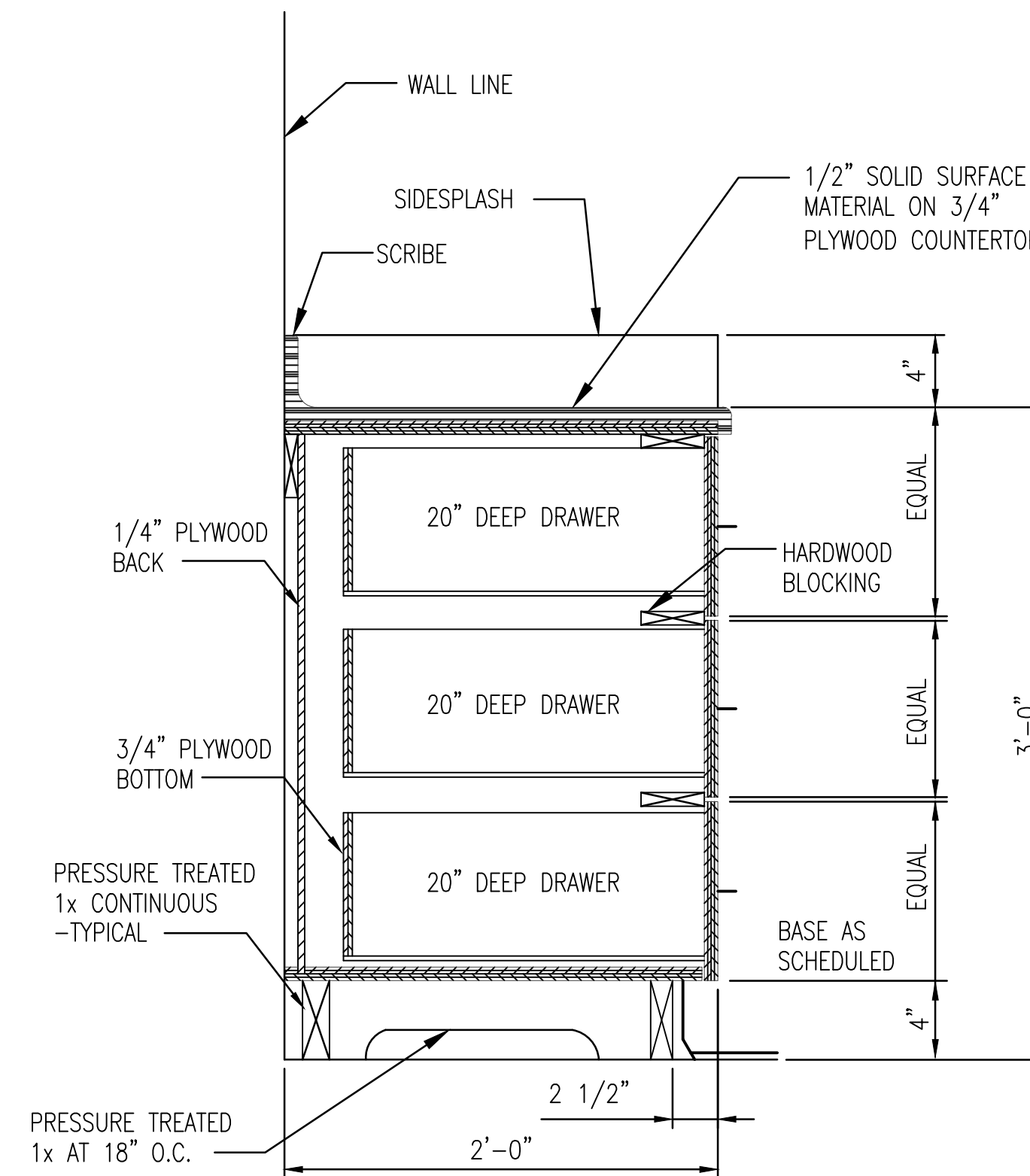
1 MILLWORK SECTION- TOILET VANITY
A-7.00 SCALE: 1 1/2" = 1'-0"



2 MILLWORK SECTION- TOILET VANITY
A-7.00 SCALE: 1 1/2" = 1'-0"



3 MILLWORK SECTION- CONCESSIONS
A-7.00 SCALE: 1 1/2" = 1'-0"



4 MILLWORK SECTION- CONCESSIONS
A-7.00 SCALE: 1 1/2" = 1'-0"



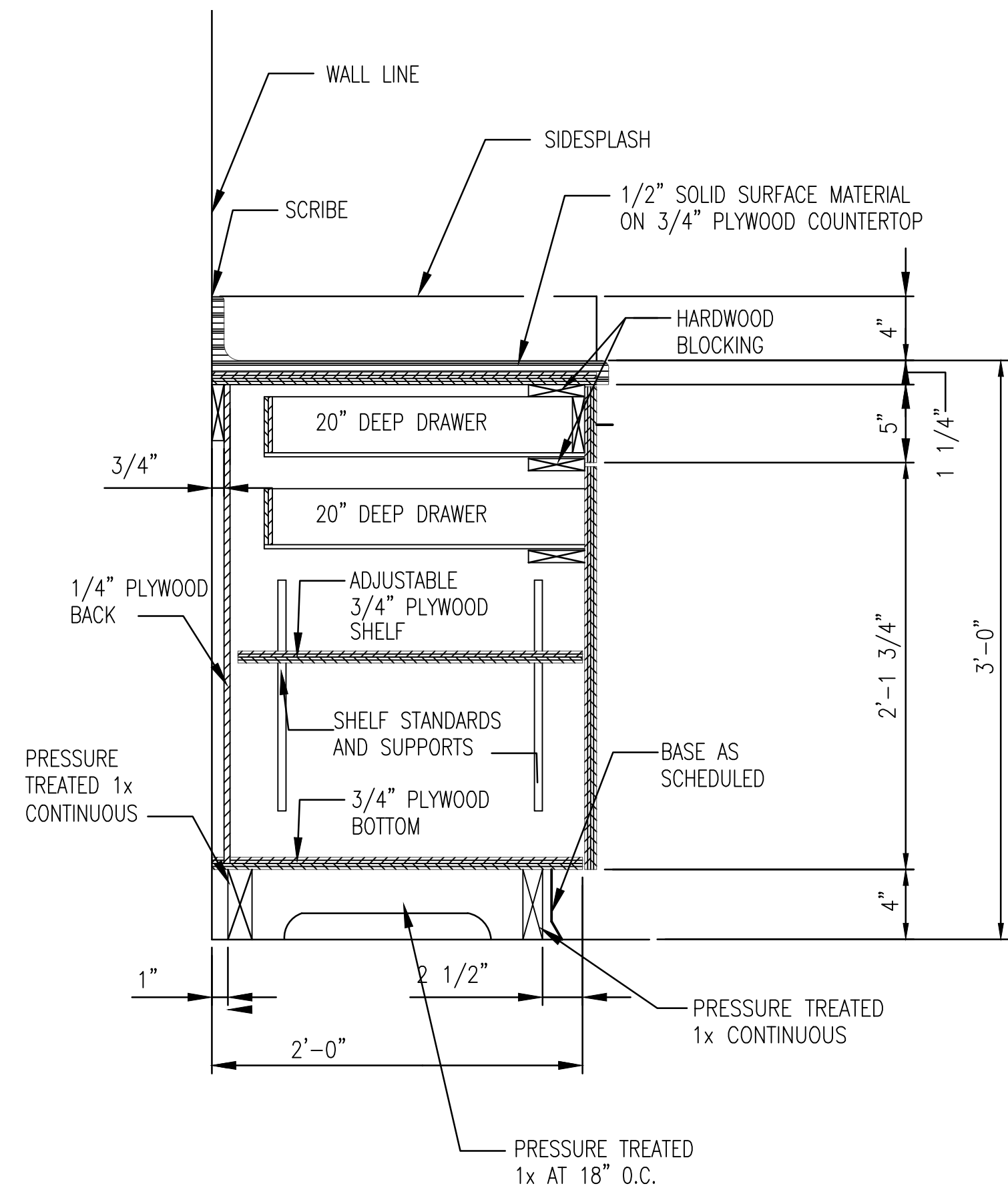
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04-19-2017	MDC	04-26-2017	MDC	05-11-2017	MDC
04-26-2017	MDC	05-06-2017	MDC	05-21-2017	MDC
DATE	BY	DATE	BY	DATE	BY



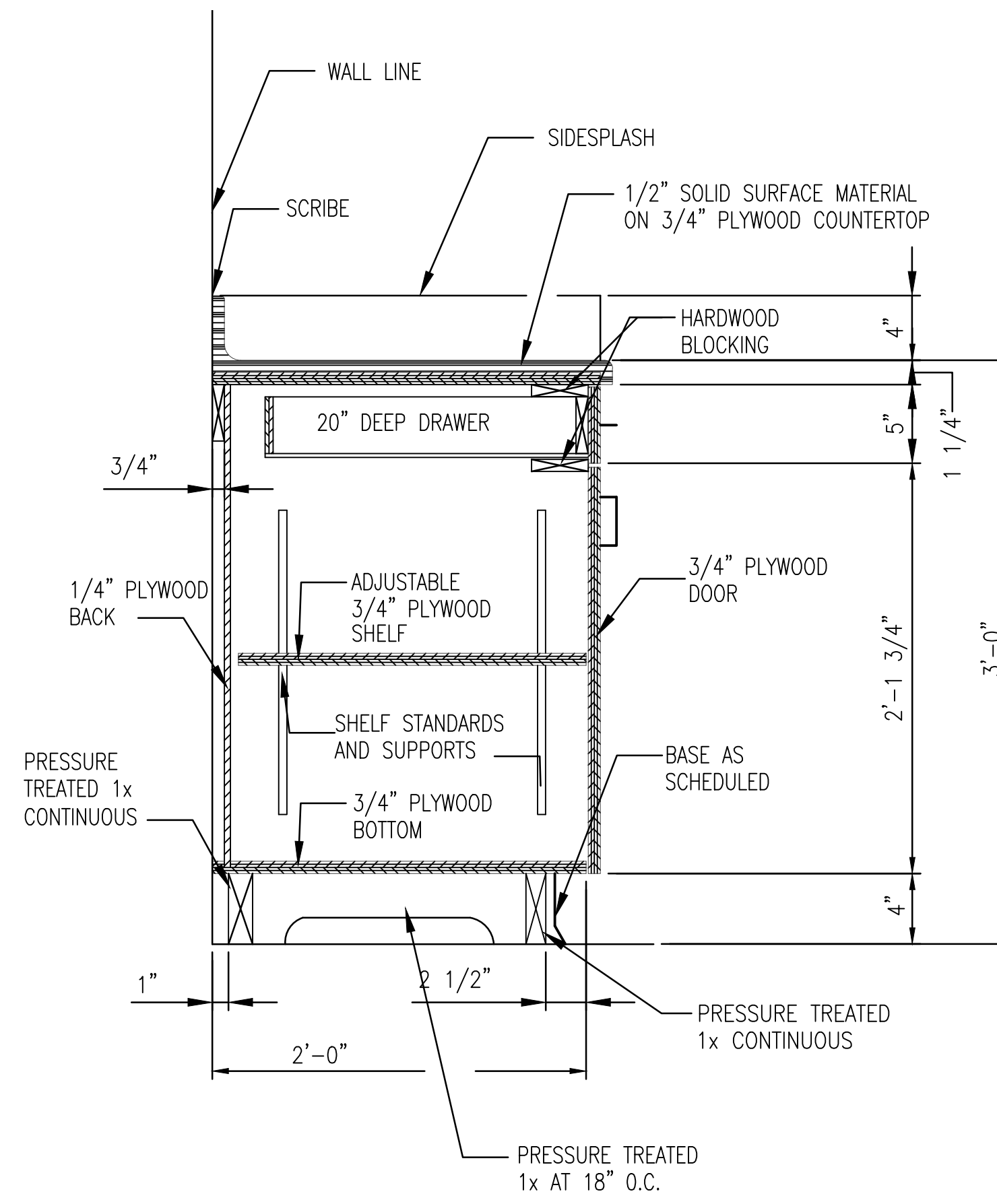
City of
Dunwoody
PROJECT
BASEBALL FACILITIES AT
BROOK RUN PARK

DESIGNED	DRAWN	CHECKED	DATE	SCALE	AS SHOWN
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PROJECT NO.	C-1810-10				
DRAWING TITLE	MILLWORK SECTIONS				
SHEET	OF				

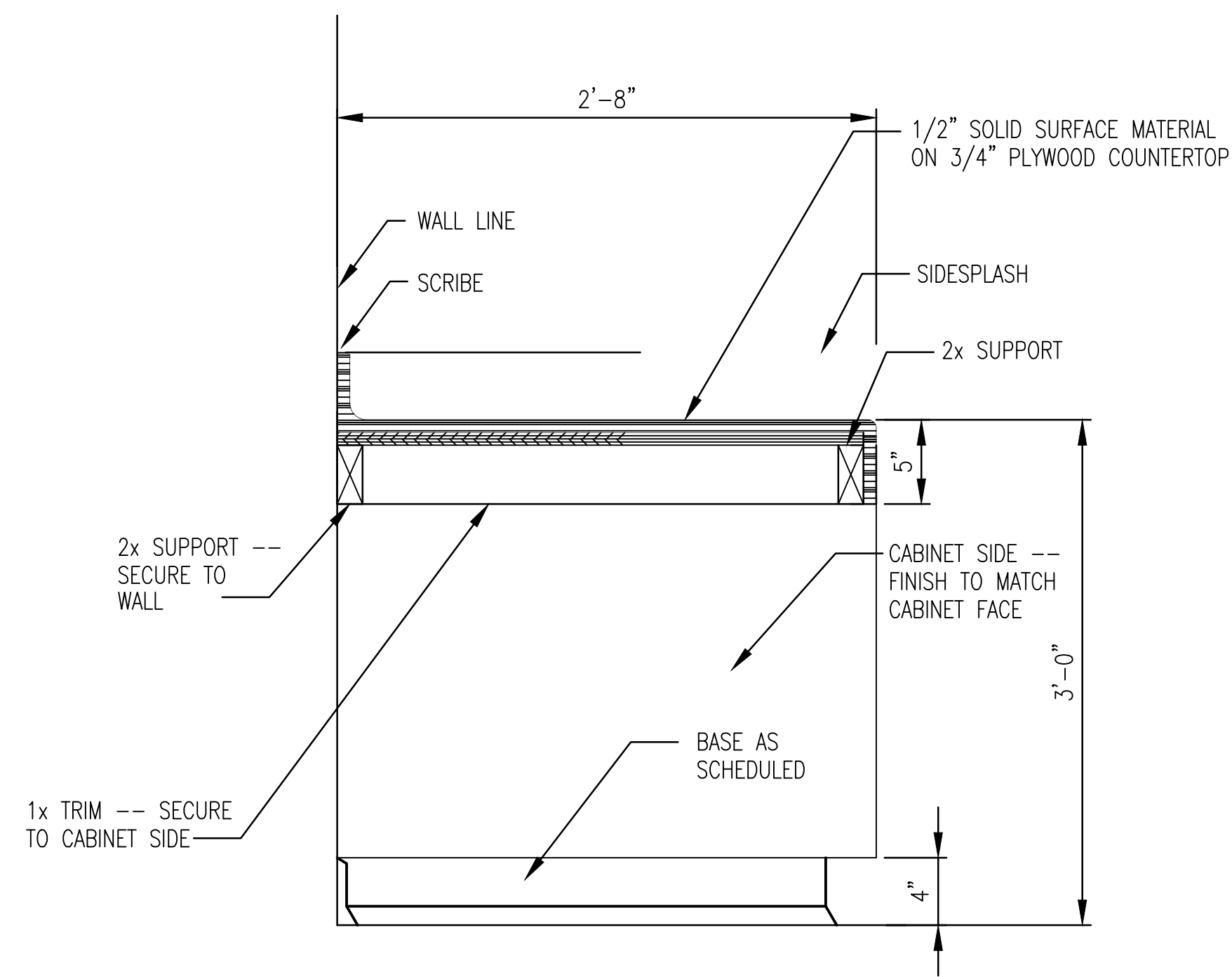
A-7.00



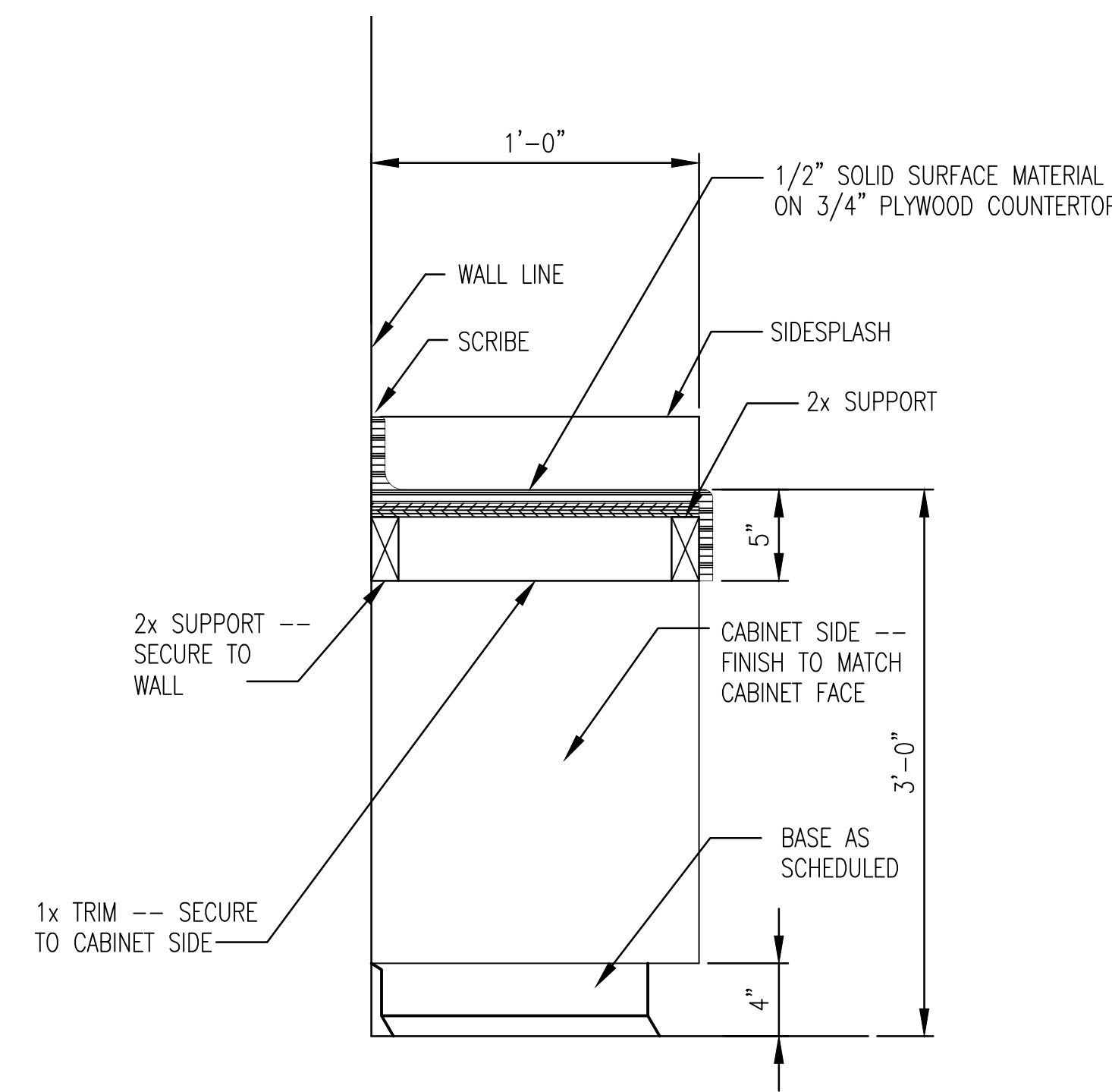
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A-7.01 SCALE: 1 1/2" = 1'-0"



2 MILLWORK SECTION- CONCESSIONS
A-7.01 SCALE: 1 1/2" = 1'-0"



3 MILLWORK SECTION- CONCESSIONS
A-7.01 SCALE: 1 1/2" = 1'-0"



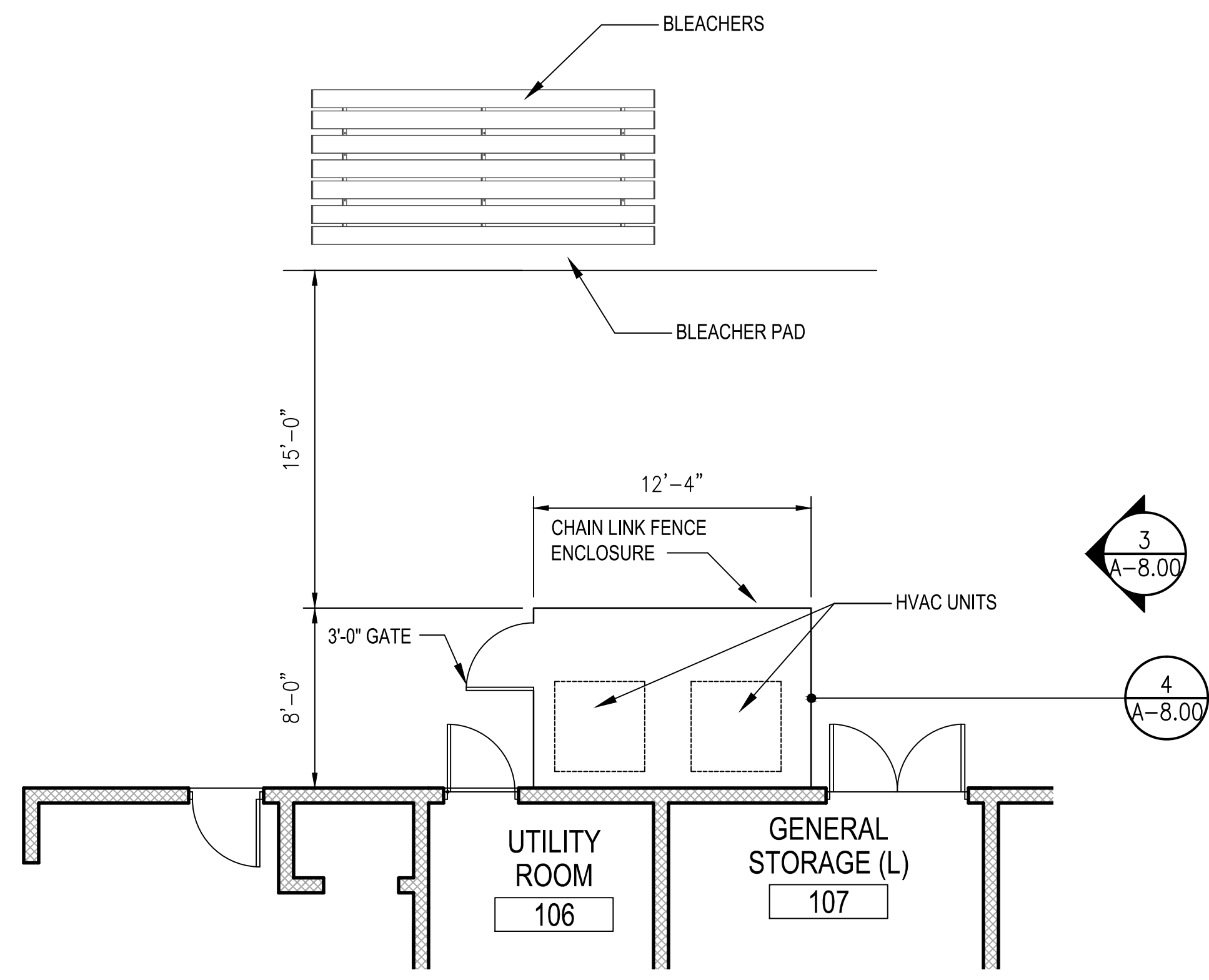
4 MILLWORK SECTION- CONCESSIONS
A-7.01 SCALE: 1 1/2" = 1'-0"

PRICE SET	ADDENDUM #1	ADDENDUM #3	ADDENDUM #4	BUILDING PLAN REVIEW	REVISION
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04-26-2017					
05-05-2017					
05-11-2017					
06-21-2017					
SYMBOL	DATE	BY	DATE	REVISION	

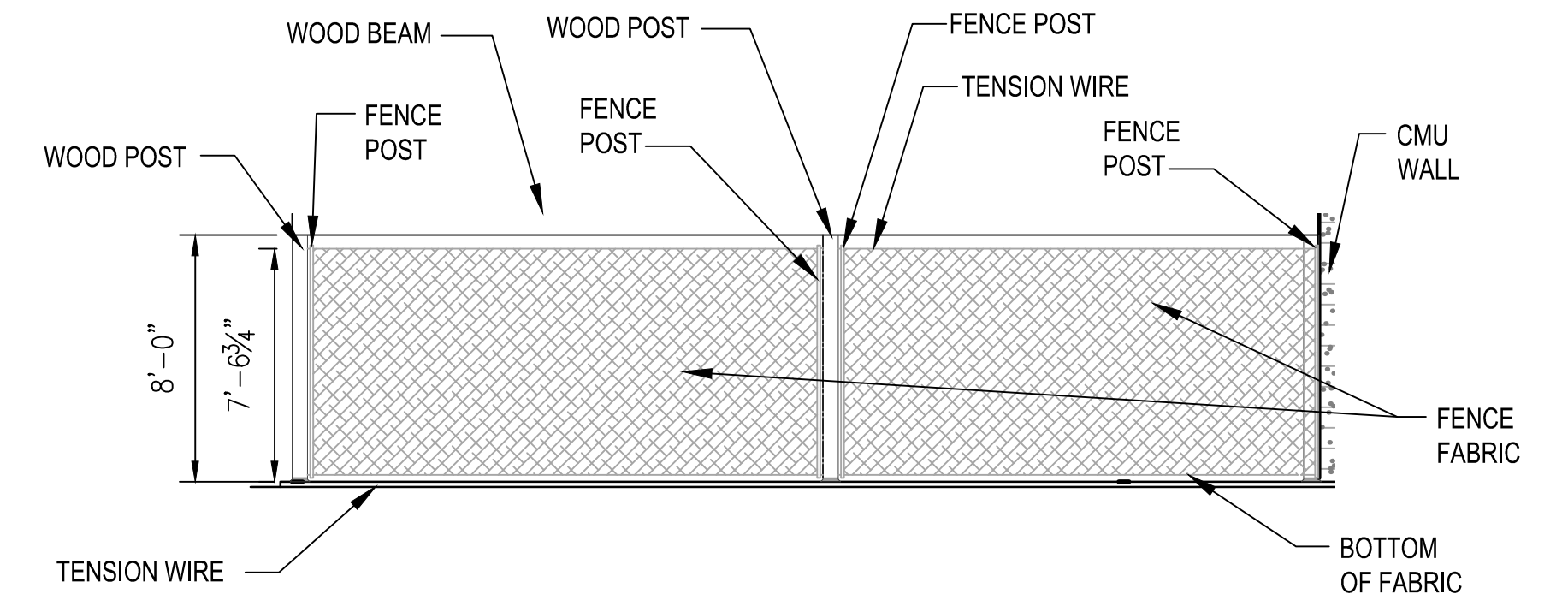


City of **Dunwoody**
PROJECT: **BASEBALL FACILITIES AT BROOK RUN PARK**

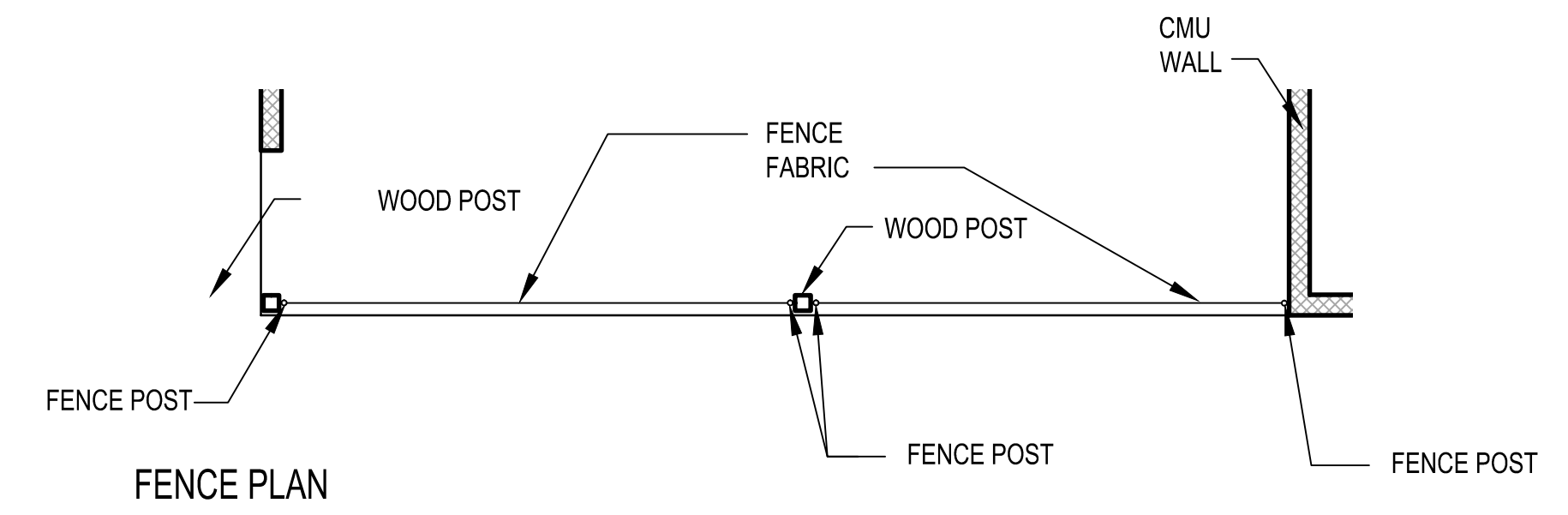
DESIGNED	DRAWN	CHECKED	DATE	SCALE	AS SHOWN
AH	TS	AH			
PROJECT NO.	DRAWING TITLE				
C-1610-10	MILLWORK SECTIONS				



1 HVAC CONDENSING UNIT FENCE ENCLOSURE
SCALE: 3/16" = 1'-0"

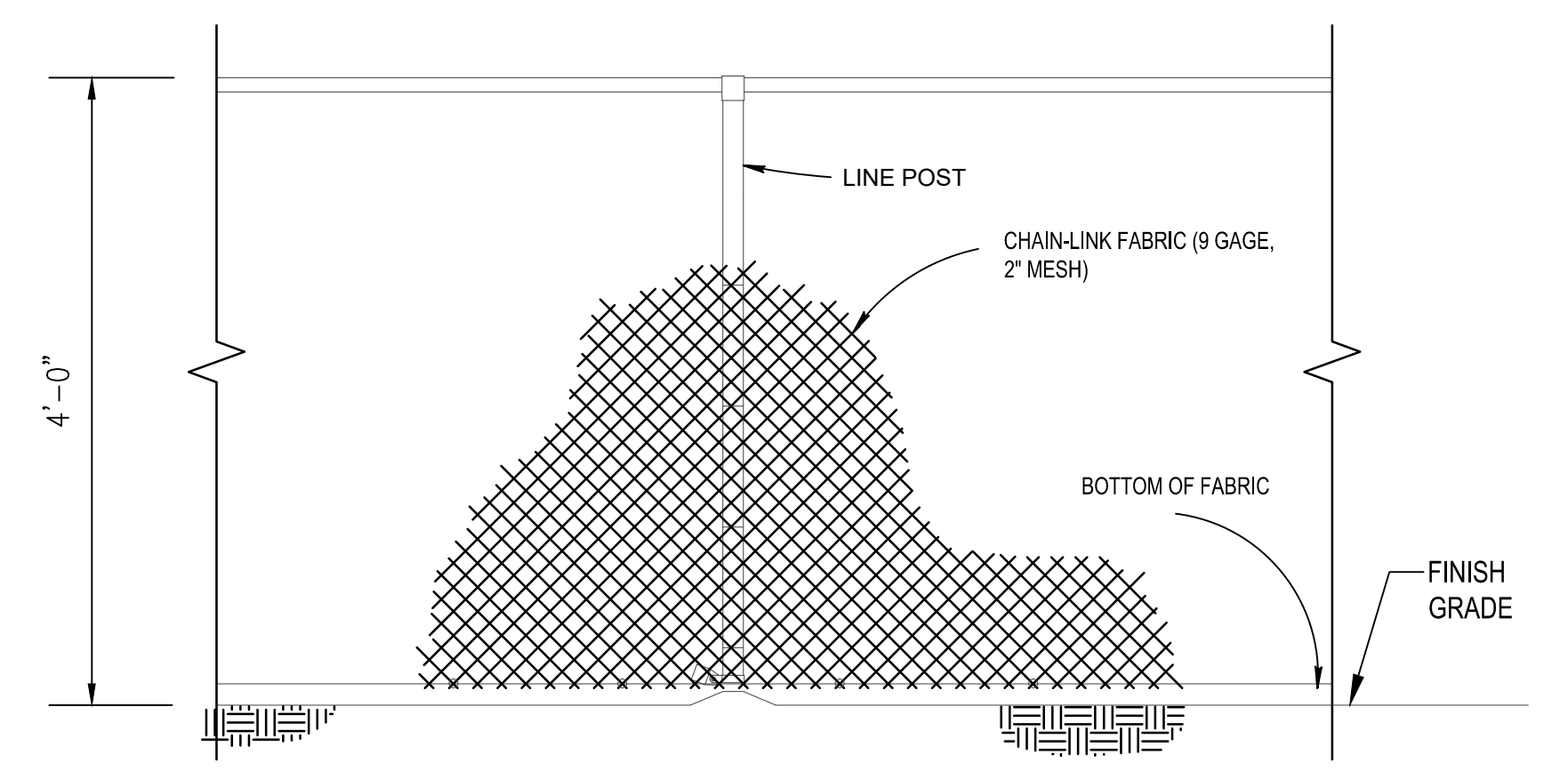


FENCE ELEVATION

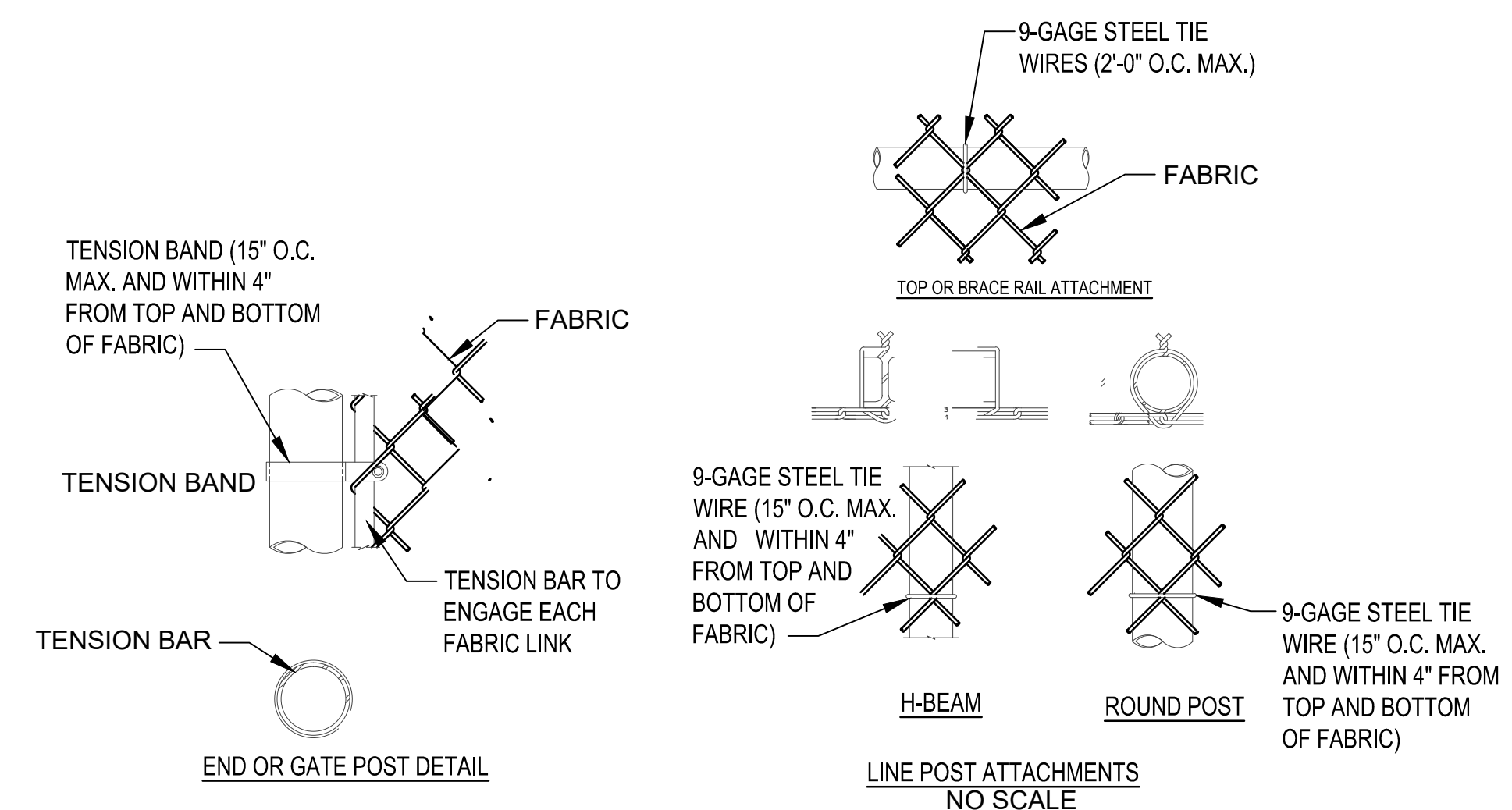


FENCE PLAN

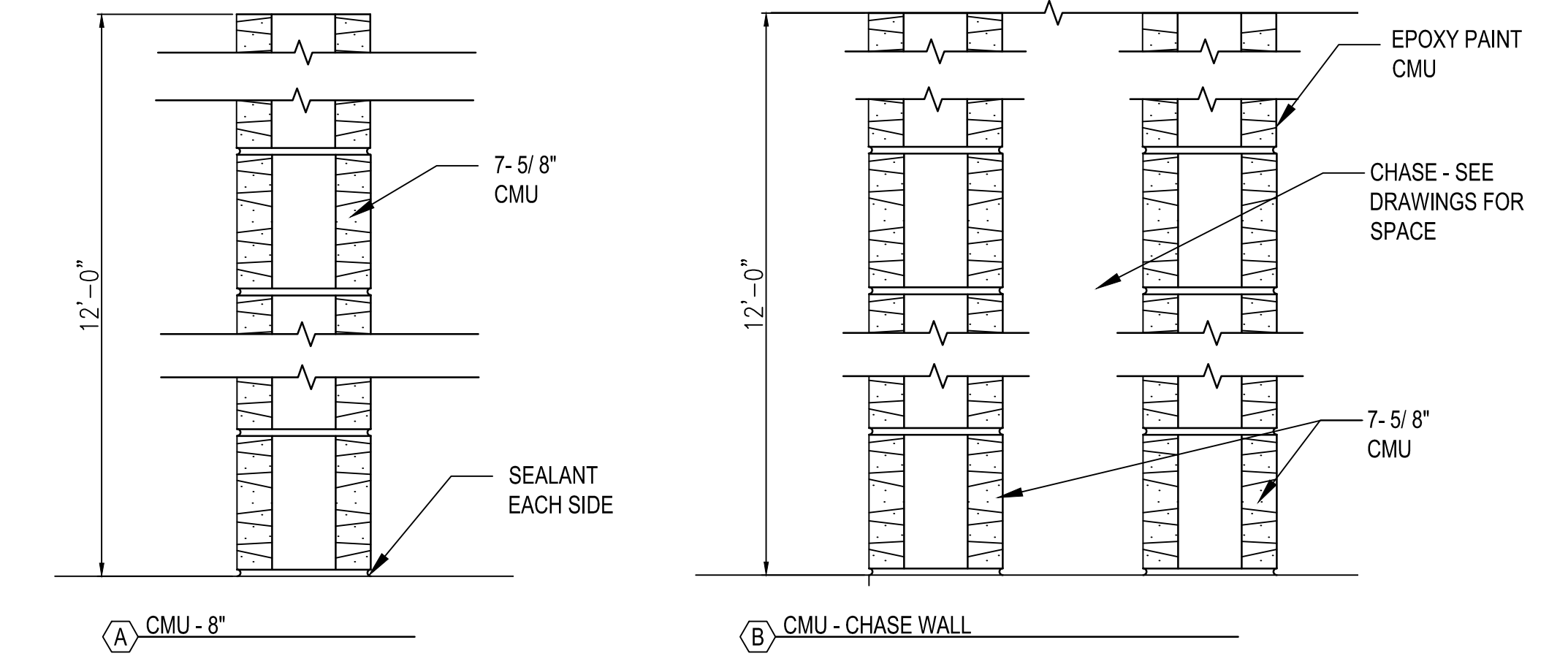
2 DUGOUT FENCE PLAN / ELEVATION
SCALE: 3/16" = 1'-0"



3 FENCE ENCLOSURE ELEVATION
SCALE: NOT TO SCALE



3 FENCE ENCLOSURE ELEVATION
SCALE: NOT TO SCALE



WALL TYPES
SCALE: NOT TO SCALE



PRICING SET	ADDENDUM #1	ADDENDUM #3	ADDENDUM #4	BUILDING PLAN REVIEW	REVISION
04-19-2017	MDC	MDC	MDC	MDC	BY
04-26-2017	MDC	MDC	MDC	MDC	DATE
05-09-2017	MDC	MDC	MDC	MDC	DATE
05-11-2017	MDC	MDC	MDC	MDC	DATE
06-21-2017	MDC	MDC	MDC	MDC	DATE
					BY
					DATE
					DATE



City of **Dunwoody**
PROJECT: BASEBALL FACILITIES AT BROOK RUN PARK

DESIGNED	DRAWN	CHECKED	DATE	SCALE	AS SHOWN
AH	TS	AH	06-16-10	C-1610-10	AS SHOWN
DRAWING TITLE					MISCELLANEOUS DETAILS AND WALL TYPES
DRAWING NO.					A-8.00

GENERAL NOTES

- 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.
- THE STRUCTURE IS DESIGNED IN ACCORDANCE WITH THE INTERNATIONAL BUILDING CODE IBC 2012.
- ALL MATERIAL, WORKMANSHIP, DESIGN AND REVIEW SHALL CONFORM TO ALL CURRENT APPLICABLE BUILDING CODES.
- 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, $P_f = 5$ PSF
 - EXPOSURE FACTOR, $C_e = 1.0$
 - THERMAL FACTOR, $C_t = 1.1$
 - IMPORTANCE 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
 - $S_s = 0.198g$ $SDS = 0.211g$
 - $S_1 = 0.092g$ $SD1 = 0.148g$
 - SITE CLASS = D
 - SEISMIC DESIGN CATEGORY = B
 - SEISMIC IMPORTANCE FACTOR = 1.00
 - BUILDING LATERAL LOAD RESISTING SYSTEM = ORDINARY MASONRY SHEAR WALLS ($C_s = 0.11$)
- 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.
- MAJOR OPENINGS ARE SHOWN ON PLAN. SEE ARCHITECTURAL, MECHANICAL, ELECTRICAL, AND CIVIL DRAWINGS FOR ADDITIONAL OPENINGS NOT SHOWN.
- 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

- 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.
- ALLOWABLE NET SOIL BEARING PRESSURE AT THE BOTTOM OF EACH FOUNDATION IS LIMITED TO 2000 PSF.
- ALL FOUNDATION WORK SHALL BE INSPECTED AND APPROVED BY A REGISTERED SOILS ENGINEER OR THEIR REPRESENTATIVE PRIOR TO PLACEMENT OF CONCRETE.

REINFORCED CONCRETE

- ALL CONCRETE CONSTRUCTION SHALL CONFORM TO ACI 301, SPECIFICATIONS FOR STRUCTURAL CONCRETE AND ACI 318, BUILDING CODE REQUIREMENTS FOR STRUCTURAL CONCRETE.
- REINFORCING STEEL SHALL CONFORM TO ASTM A615, GRADE 60, UNLESS NOTED OTHERWISE.
- ALL REINFORCING DETAILS AND BAR SUPPORTS SHALL MEET ACI 315, MANUAL OF STANDARDS PRACTICE FOR DETAILING REINFORCED CONCRETE STRUCTURE AND CRSI, MANUAL OF STANDARD PRACTICE.
- 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.
- 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.
- ALL CAST-IN-PLACE CONCRETE SHALL HAVE MIN. 4000 PSI COMPRESSIVE STRENGTH AT 28 DAYS (NORMAL WEIGHT).
- UNLESS NOTED OTHERWISE, MINIMUM CONCRETE COVER FOR REINFORCEMENT SHALL BE AS FOLLOWS:
 - CONCRETE CAST AGAINST EARTH -----3"
 - FORMED CONCRETE EXPOSED TO EARTH OR WEATHER -----2"
 - INTERIOR SLABS, WALLS -----3/4"
- UNLESS NOTED OTHERWISE LONGITUDINAL REINFORCING IN FOOTINGS SHALL BE PLACED CONTINUOUS AT CORNERS AND INTERSECTIONS.
- CONSTRUCTION JOINTS SHALL FALL IN AT CONTROL JOINTS AND SHALL BE KEYS. 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	1/2	32"	25"
#5	5/8	40"	31"
#6	3/4	48"	37"

NOTES:

- LAP SPLICE LENGTH FOR REINFORCED CONCRETE
- MINIMUM UNLESS OTHERWISE NOTED.
- 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.
- THERE IS SUFFICIENT CLEARANCE AND SPACING PER SECTION 25.4.2.2 OF ACI 318-14.

PRE-ENGINEERED WOOD TRUSSES

- 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 THE GENERAL NOTES SHOWN ON DRAWINGS.
- 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
- REFER TO SPECIFICATION SECTION 061753 "SHOP FABRICATED WOOD TRUSSES" FOR ADDITIONAL REQUIREMENTS.

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.
- 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" 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 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 1/2" X 5 1/2" 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.
- REINFORCEMENT SPLICES, WHERE REQUIRED, SHALL BE NOT LESS THAN 48 BAR DIAMETERS.
- SPLICE (LAP) WHERE ALLOWED ON DRAWINGS: SEE TABLE BELOW OR 24", WHICHEVER IS GREATER.

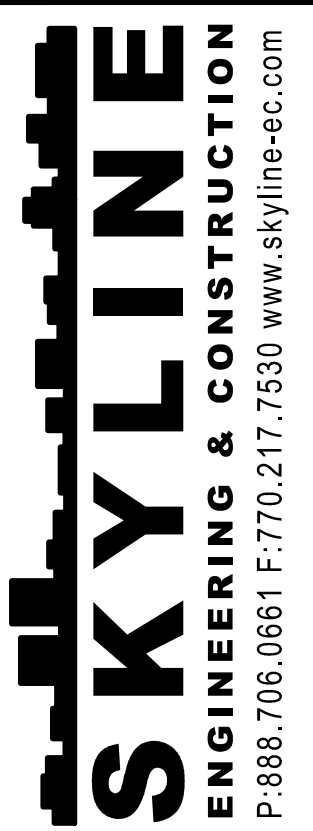
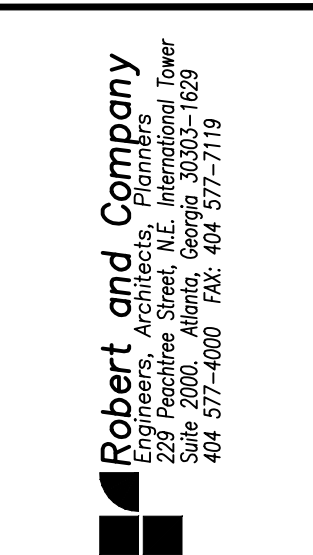
REINFORCEMENT LAP SPLICE LENGTH					
MASONRY F'm = 1500 psi					
BAR SIZE	BAR DIA (in)	1 BAR CELL		2 BAR CELL	
		6" AND 8" CMU	12" CMU	6" AND 8" CMU	12" CMU
#3	3/8	24"	24"	24"	24"
#4	1/2	25"	25"	31"	31"
#5	5/8	31"	31"	48"	48"
#6	3/4	57"	52"	95"	96"

NOTES:

- TYPICAL UNLESS OTHERWISE NOTED.
- FOR F'm = 2000psi, REDUCE LAP LENGTHS BY 15%. MIN. LENGTH MUST BE ≥ 24"

STRUCTURAL ABBREVIATIONS

A.B. - ANCHOR BOLT	MAX. - MAXIMUM
ADDL - ADDITIONAL	MECH. - MECHANICAL
A.F.F. - ABOVE FINISH FLOOR	MIN. - MINIMUM
ARCH. - ARCHITECTURAL	MPH - MILES PER HOUR
BLDG. - BUILDING	OSF - OUTSIDE FACE
B. - BOLT	OPNG. - OPENING
BOT. - BOTTOM	OPP. HD. - OPPOSITE HAND
B/W - BETWEEN	
C.C. - CENTER TO CENTER	P.M.J.F. - PREMOLDED JOINT FILLER
C.J. - CONTROL JOINT	PVC - POLYVINYLCHLORIDE
CLR. - CLEAR	REINF. - REINFORCING
C.M.U. - CONCRETE MASONRY UNITS	REQ'D - REQUIRED
COL. - COLUMN	
CONC. - CONCRETE	SECT. - SECTION
CONT. - CONTINUOUS	SHT. - SHEET
	SIM. - SIMILAR
	SYMM - SYMMETRY
DIA. - DIAMETER	TEMP. - TEMPERATURE
DN - DOWN	T/ - TOP OF
DWGS. - DRAWINGS	T/S - TOP OF STEEL
	TYP. - TYPICAL
	T - THICKNESS OF SLAB
EA. - EACH	U.N.O - UNLESS NOTED OTHERWISE
EL. - ELEVATION	
EQ. - EQUAL	VERT. - VERTICAL
ELEC. - ELECTRICAL	
EXIST. - EXISTING	
EXP. - EXPANSION	
FT - FOOT	W/ - WITH
FTG. - FOOTING	W.W.F. - WELDED WIRE FABRIC
GALV. - GALVANIZED	
HORIZ. - HORIZONTAL	
LBS - POUNDS	
LG. - LONG	
L.L.H. - LONG LEG HORIZONTAL	
L.L.V. - LONG LEG VERTICAL	



PRICING SET	ADDENDUM #1	ADDENDUM #3	ADDENDUM #4	BUILDING PLAN REVIEW	REVISION

DATE	BY	SYMBOL
04-19-2017		
04-26-2017		
06-06-2017		
08-11-2017		
08-21-2017		

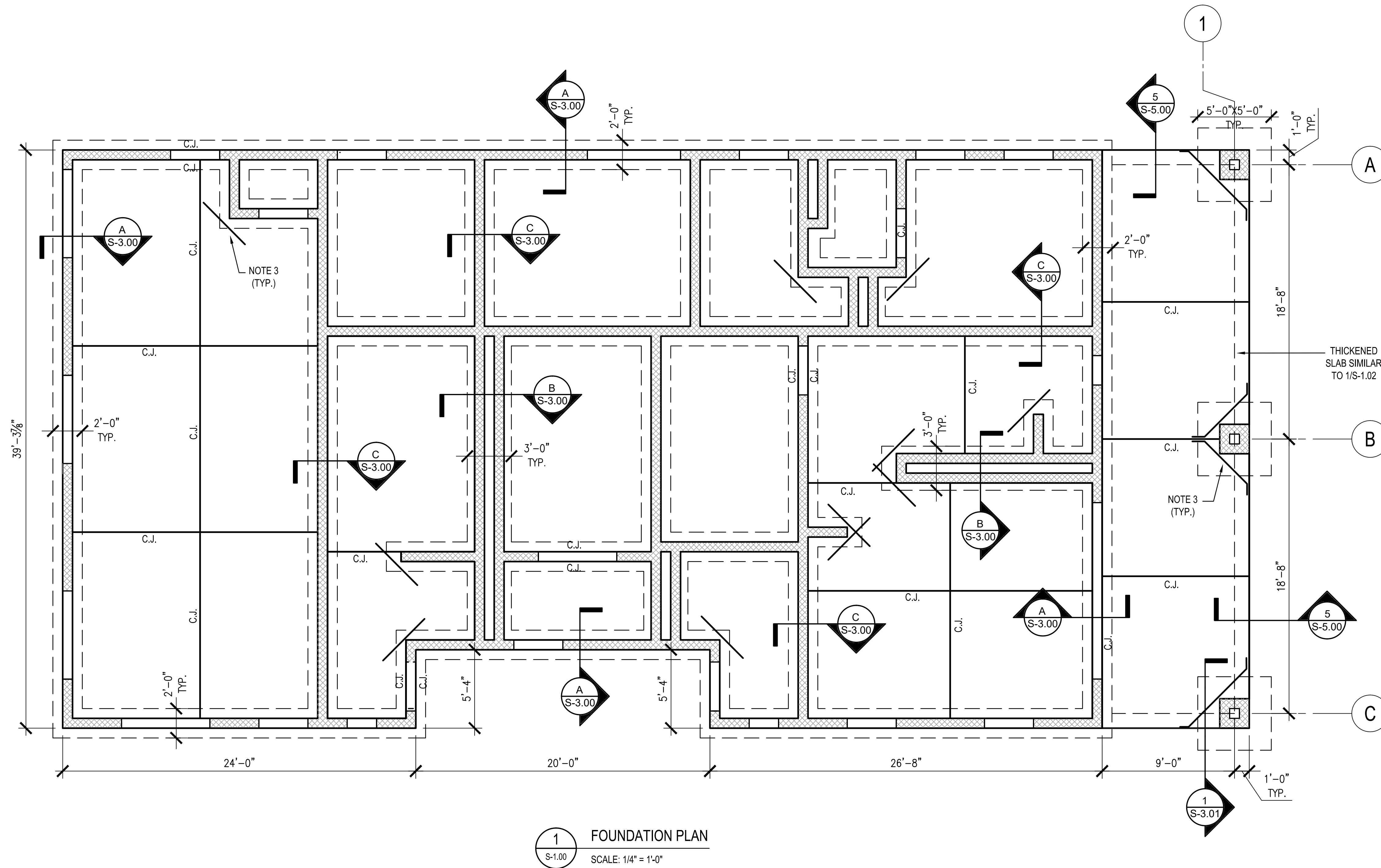


City of **Dunwoody**
 PROJECT: BASEBALL FACILITIES AT BROOK RUN PARK

DESIGNED	DRAWN	CHECKED	DATE	SCALE
VK	VK	HD		AS SHOWN
PROJECT NO.	C-1610-10			
DRAWING TITLE	STRUCTURAL GENERAL NOTES AND ABBREVIATIONS			

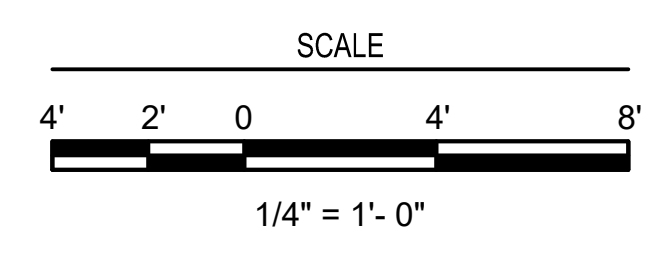
DRAWING NO. **S-0.01**

SHEET OF



1 FOUNDATION PLAN
S-1.00 SCALE: 1/4" = 1'-0"

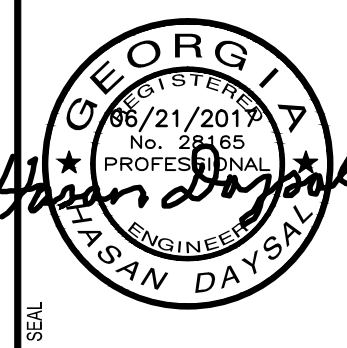
- NOTES:
- SEE GENERAL NOTES ON S-0.01.
 - COORDINATE LOCATION ON INTERIOR WALLS WITH ARCH. DWG. A-1.10
 - PROVIDE 2-#4 IN CENTER OF SLAB AT EACH RE-ENTRANT CORNER AS SHOWN.



Robert and Company
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3003 Peachtree Dunwoody Road, Suite 2000, Atlanta, Georgia 30338-1639
404-577-4000 FAX: 404-577-7119

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ADDENDUM #1	ADDENDUM #2	ADDENDUM #3	ADDENDUM #4	BUILDING PLAN REVIEW	REVISION
04-19-2017	04-26-2017	06-06-2017	08-11-2017	08-21-2017	
MDC	MDC	MDC	MDC	MDC	BY
					DATE
					SYMBOL
					REVISION

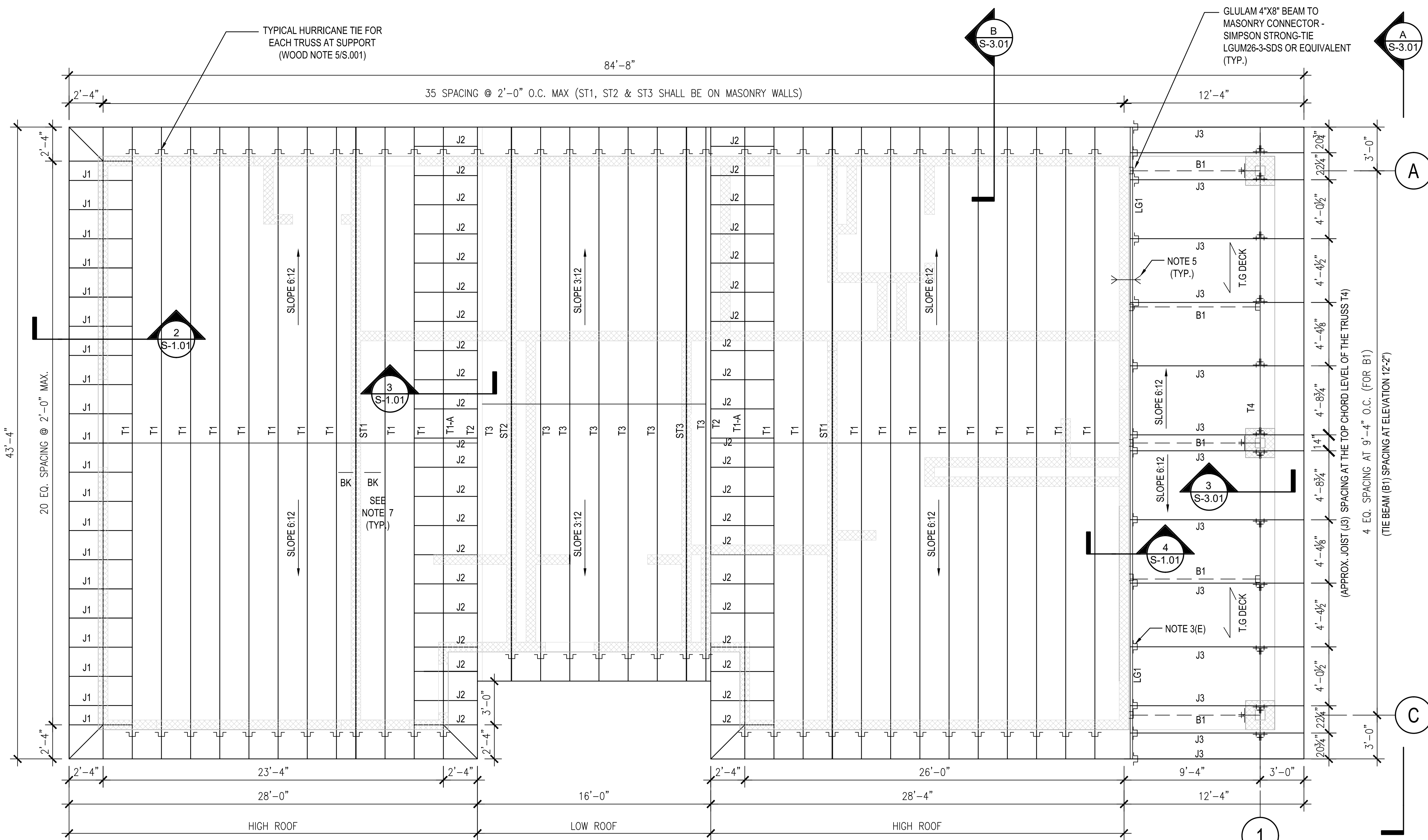


City of **Dunwoody**
PROJECT: BASEBALL FACILITIES AT BROOK RUN PARK

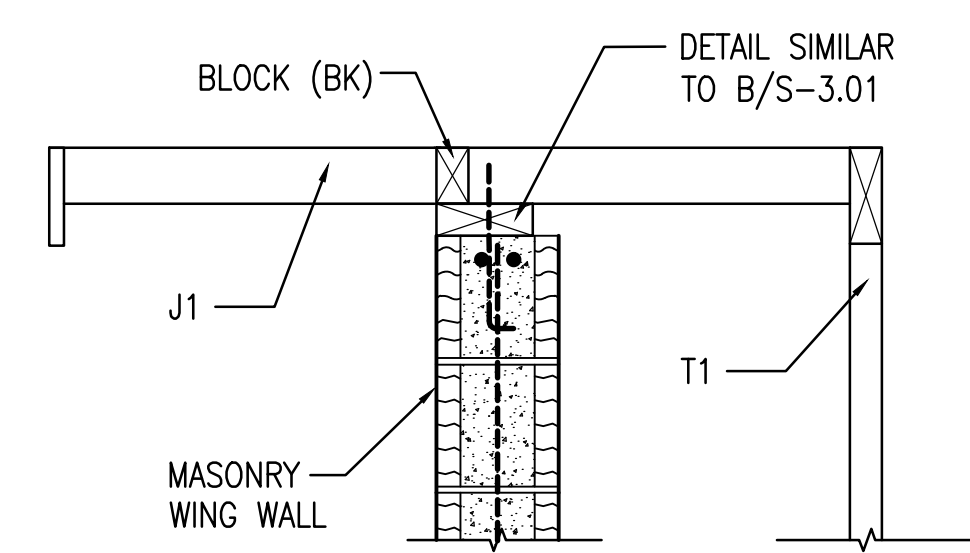
DESIGNED	DRAWN	CHECKED	DATE	SCALE	AS SHOWN
VK	VK	HD			
PROJECT NO.	C-1610-10	DRAWING TITLE	FIELDHOUSE FOUNDATION PLAN		
SHEET	OF				

S-1.00

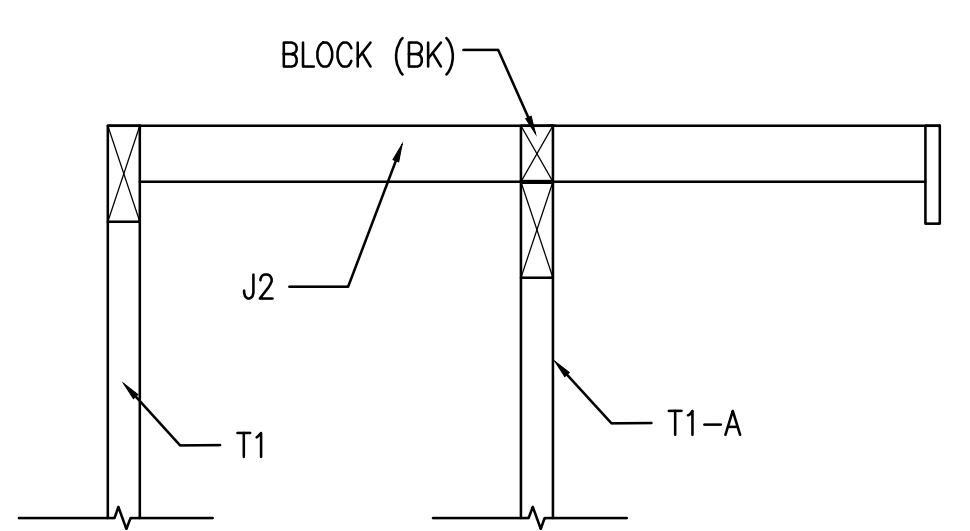
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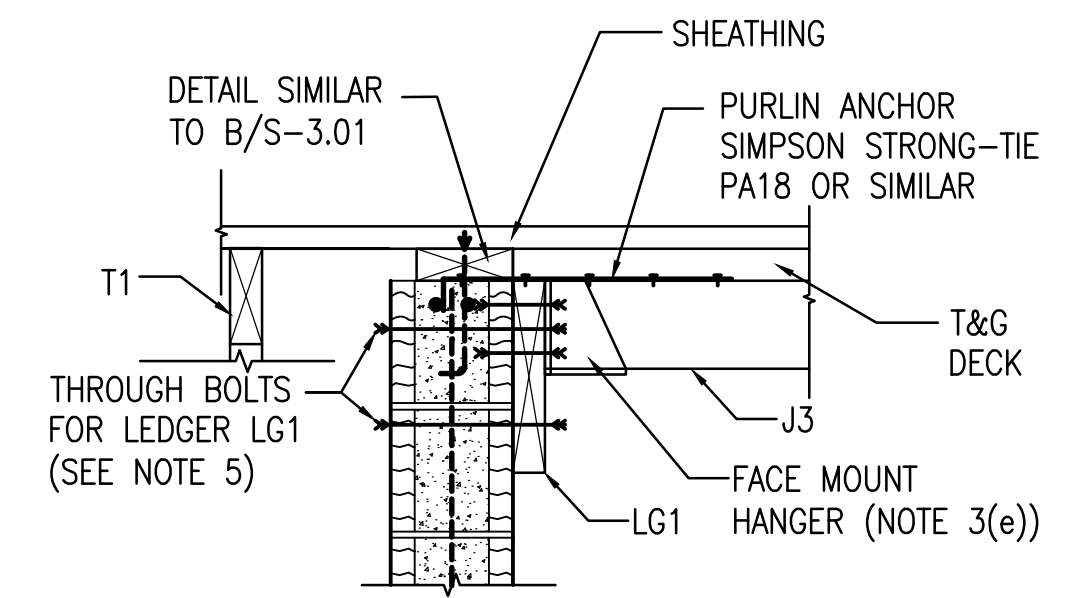
1 ROOF TRUSS FRAMING PLAN
S-1.01 SCALE: 1/4" = 1'-0"



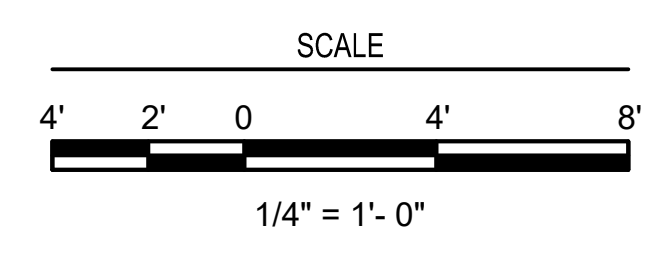
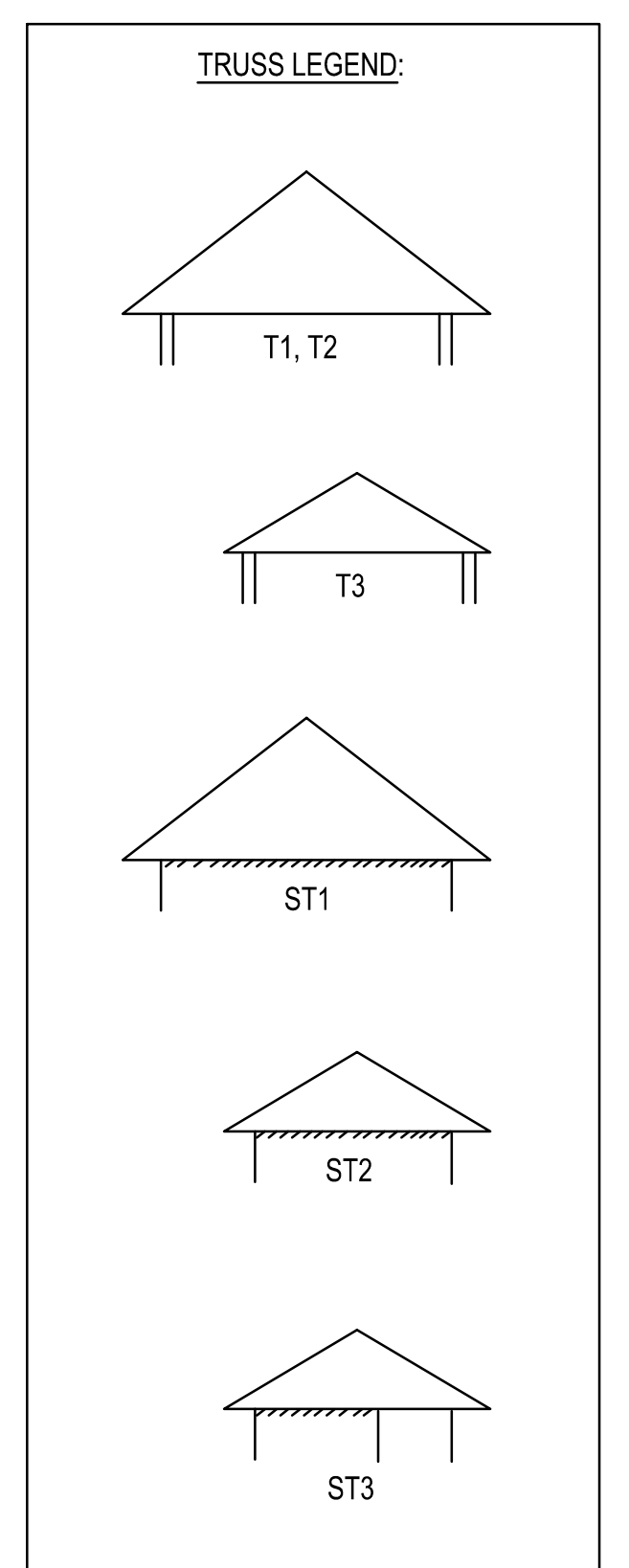
2 SECTION
S-1.01 SCALE: N.T.S



3 SECTION
S-1.01 SCALE: N.T.S



4 SECTION
S-1.01 SCALE: N.T.S



- NOTES:
- SEE GENERAL NOTES ON DWG. S-0.01.
 - 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) T3 TRUSSES ARE AT LOWER ROOF.
- (E) J3 (5 1/2" X 5 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)
- 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.
 - 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 1Ø THROUGH BOLTS @ 9" SPACING (STAGGERED).
 - J1 AND J2 ARE OUTRIGGERS.
 - BK - PROVIDE BLOCKING AT ST1, ST2 AND ST3 WITH ADJACENT TRUSSES.
 - TRUSS BOTTOM CHORD STABILITY TIES ARE NOT SHOWN. THEY SHALL BE DESIGNED AND PROVIDED BY TRUSS MANUFACTURER.

Robert and Company
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 404-577-4000 FAX: 404-577-7119

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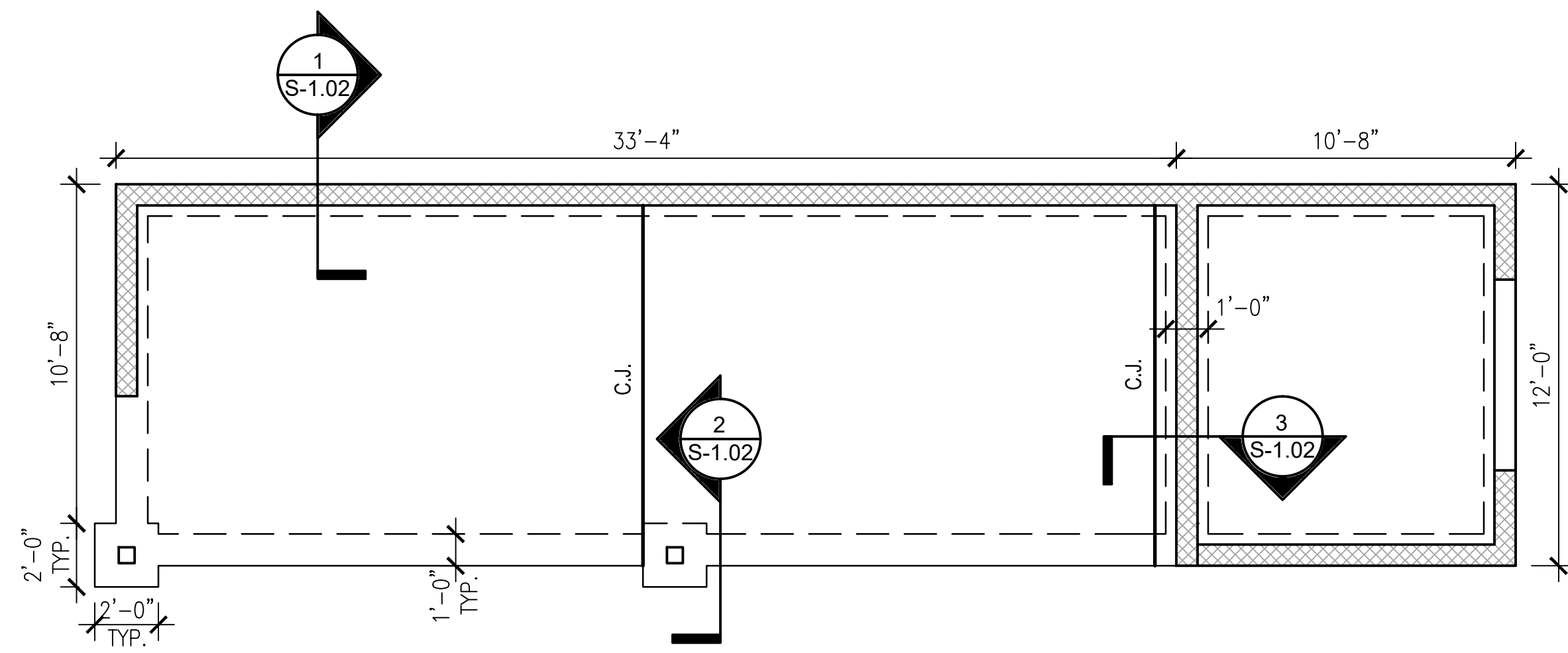
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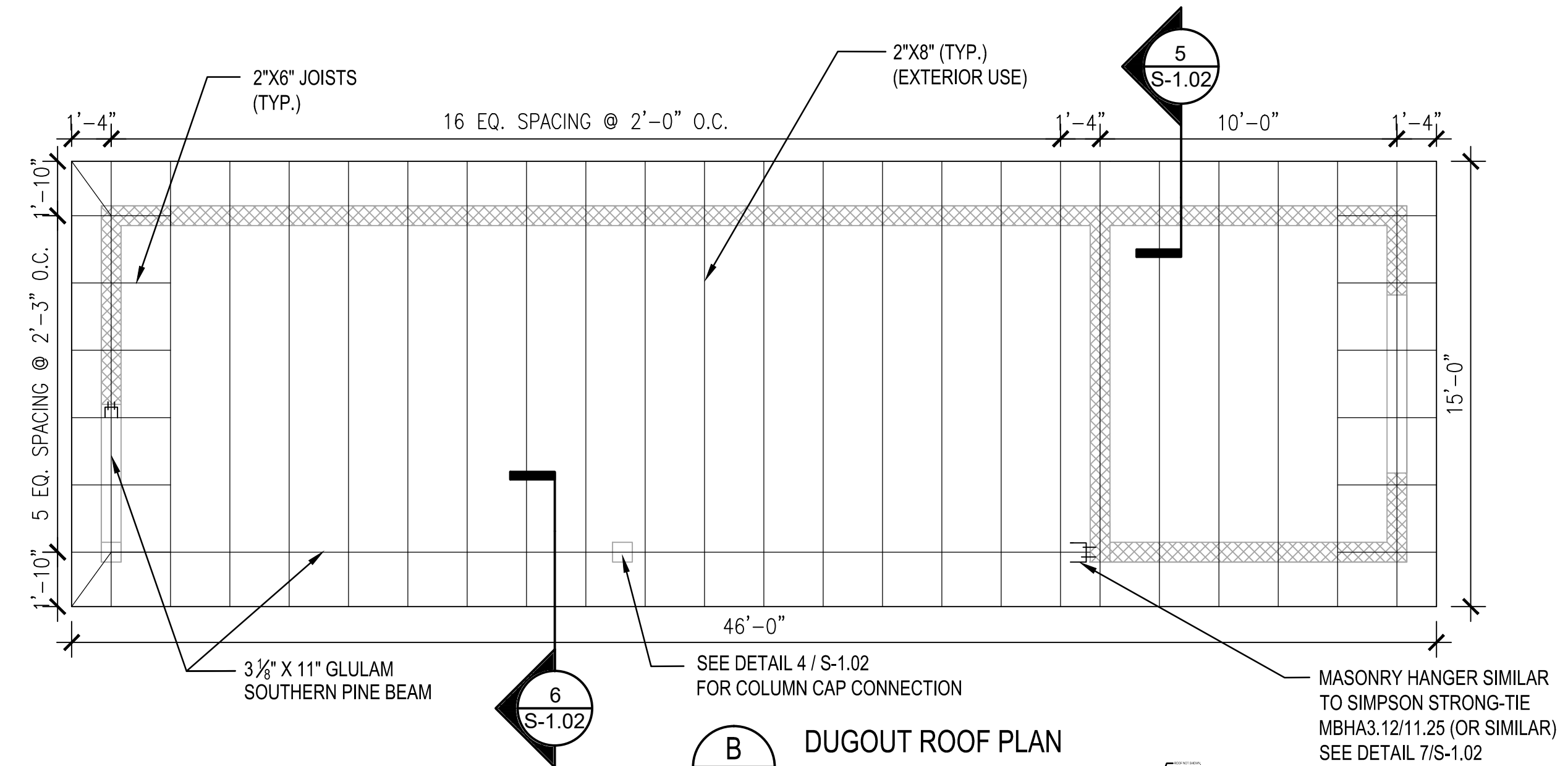
PRICING SET	ADDENDUM #1	ADDENDUM #3	ADDENDUM #4	BUILDING PLAN REVIEW	REVISION
04-19-2017	MDC	MDC	MDC	MDC	BY
04-26-2017	MDC	MDC	MDC	MDC	DATE
06-06-2017	MDC	MDC	MDC	MDC	DATE
08-11-2017	MDC	MDC	MDC	MDC	DATE
08-21-2017	MDC	MDC	MDC	MDC	DATE

CLIENT: **City of Dunwoody**
 PROJECT: **BASEBALL FACILITIES AT BROOK RUN PARK**
 DRAWING TITLE: **FIELDHOUSE ROOF FRAMING PLAN**
 SCALE: **AS SHOWN**
 DESIGNED: **VK** DRAWN: **VK** CHECKED: **VK** DATE: **C-1610-10**
 PROJECT NO: **C-1610-10** SCALE: **AS SHOWN**
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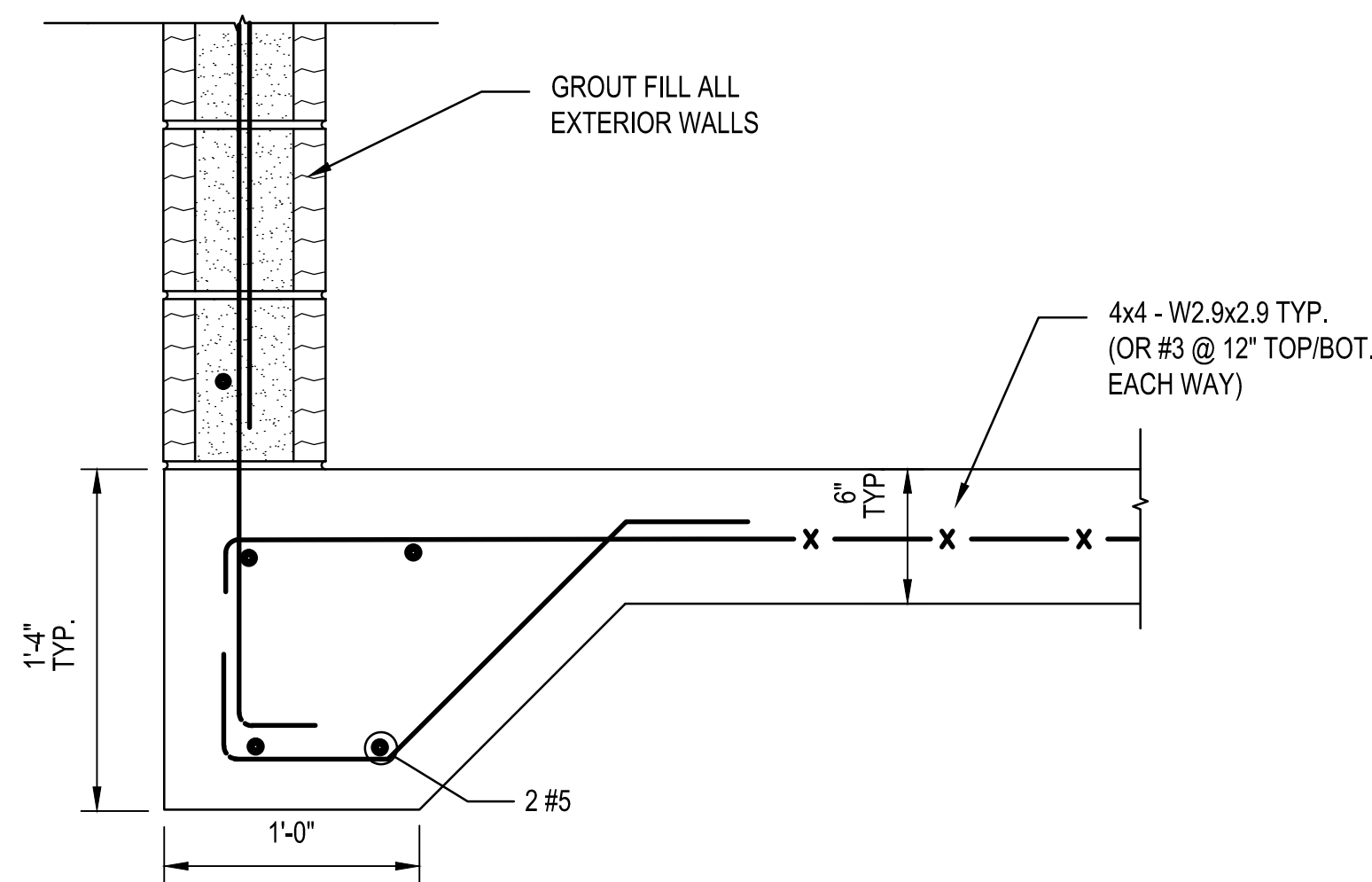
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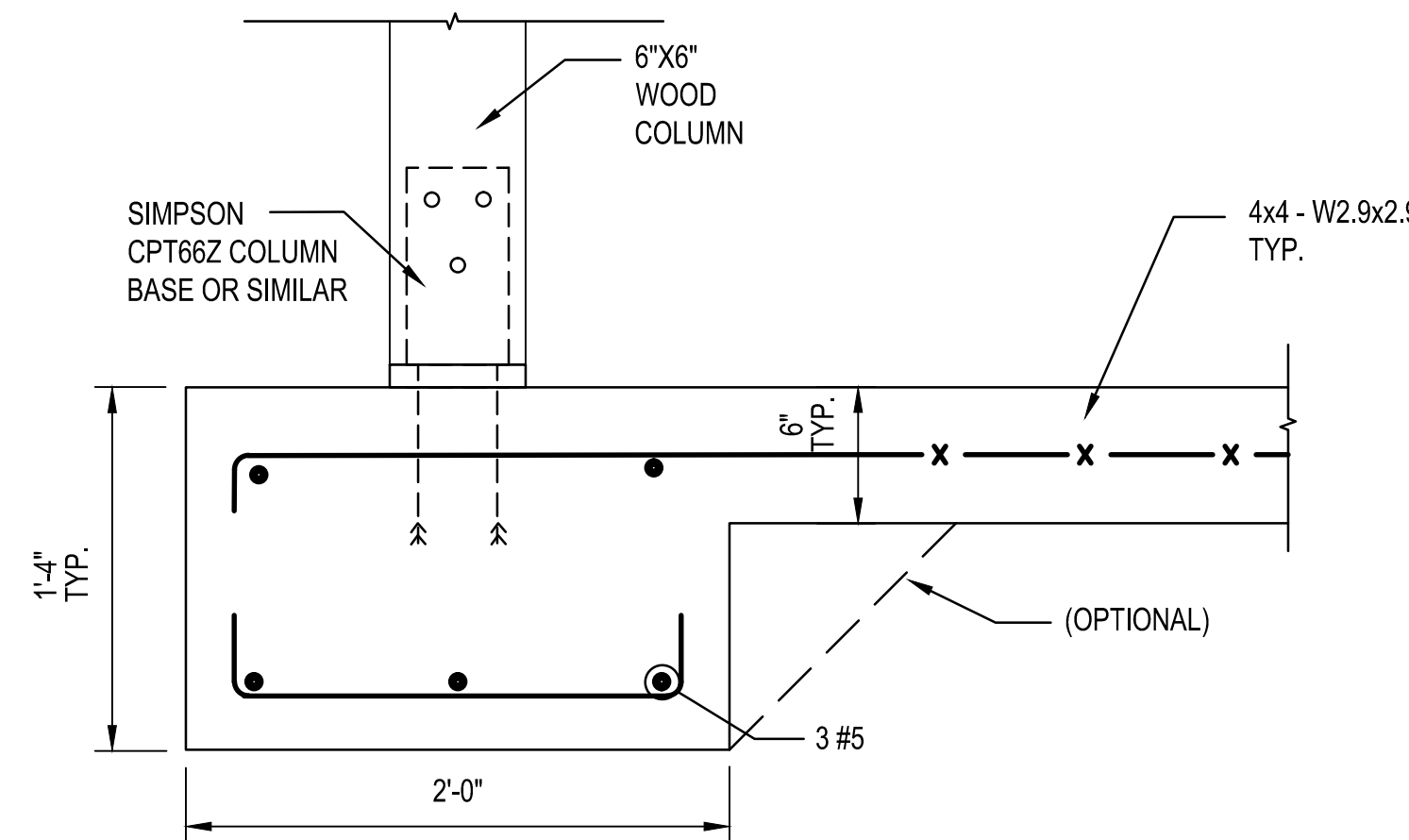
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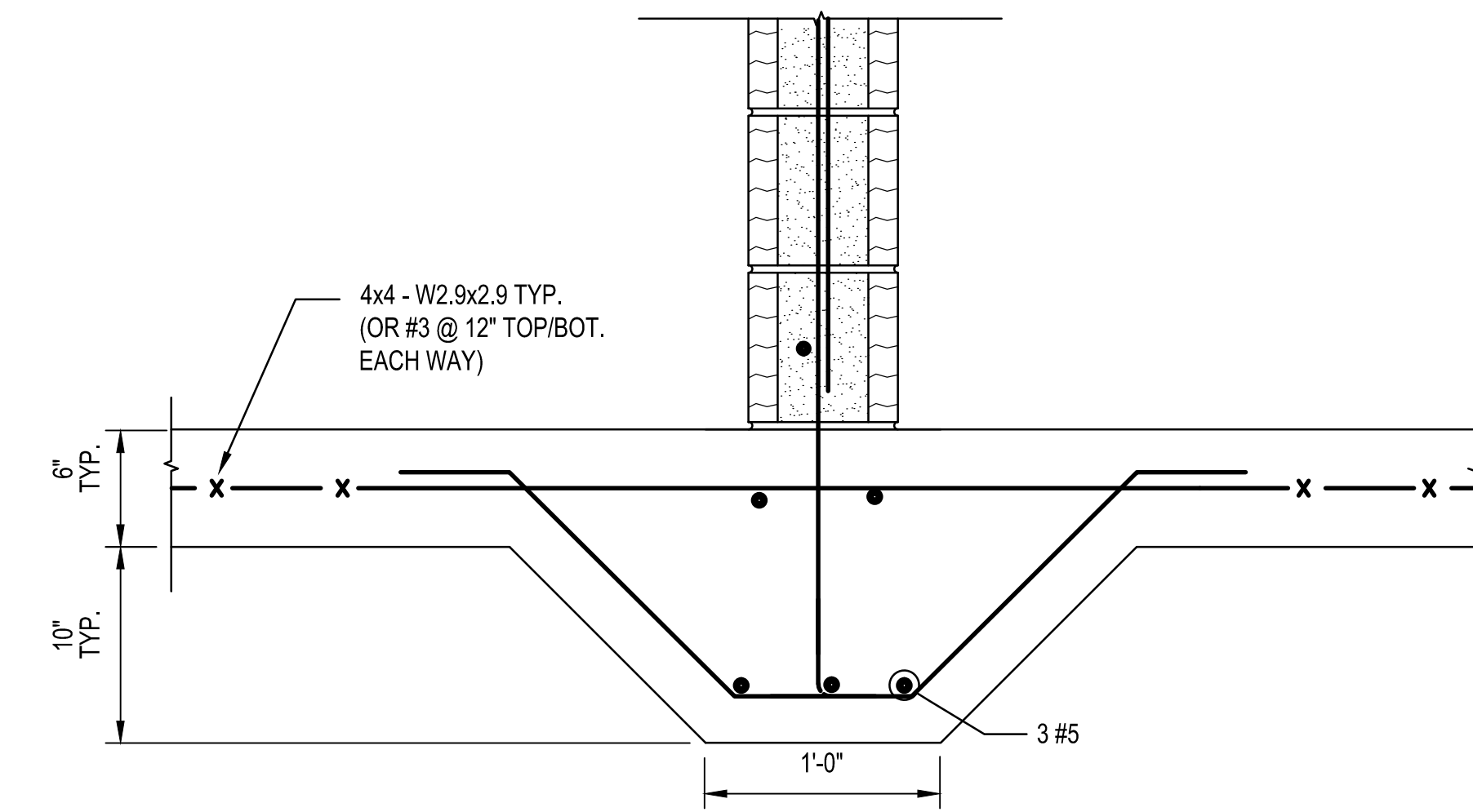
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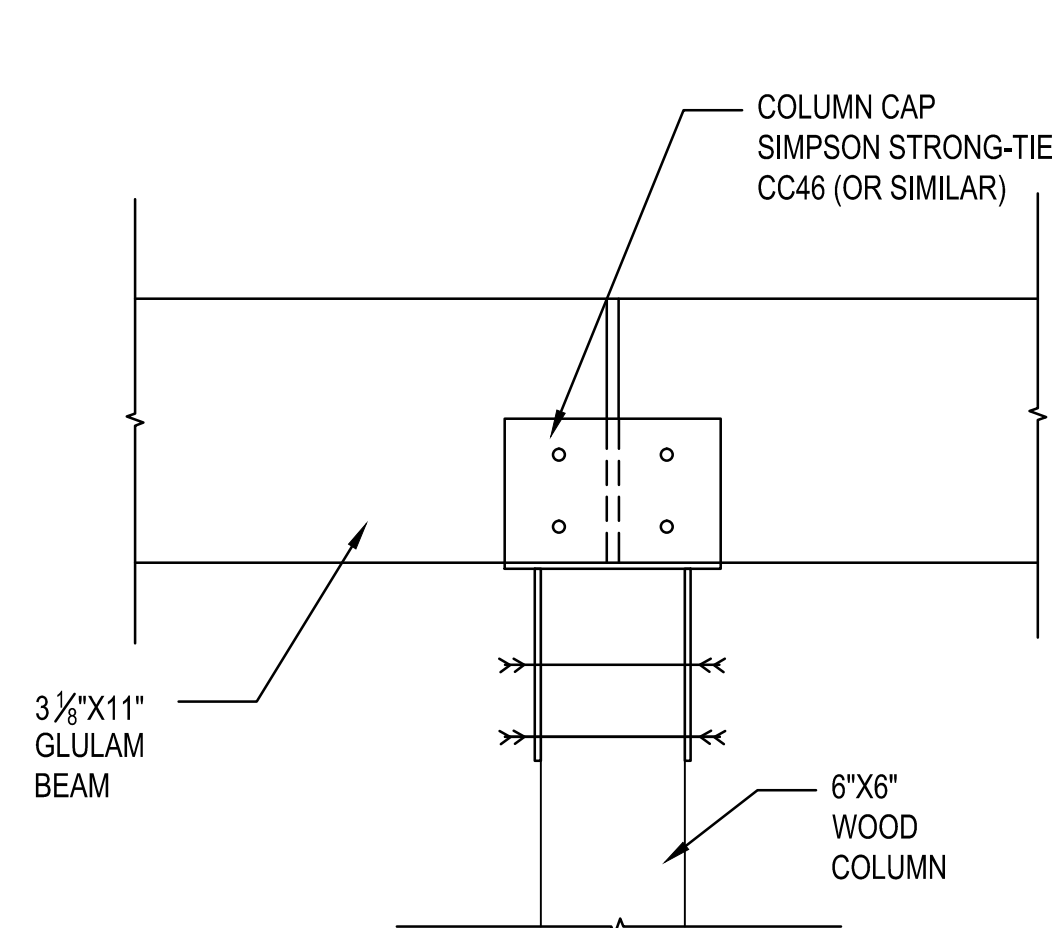
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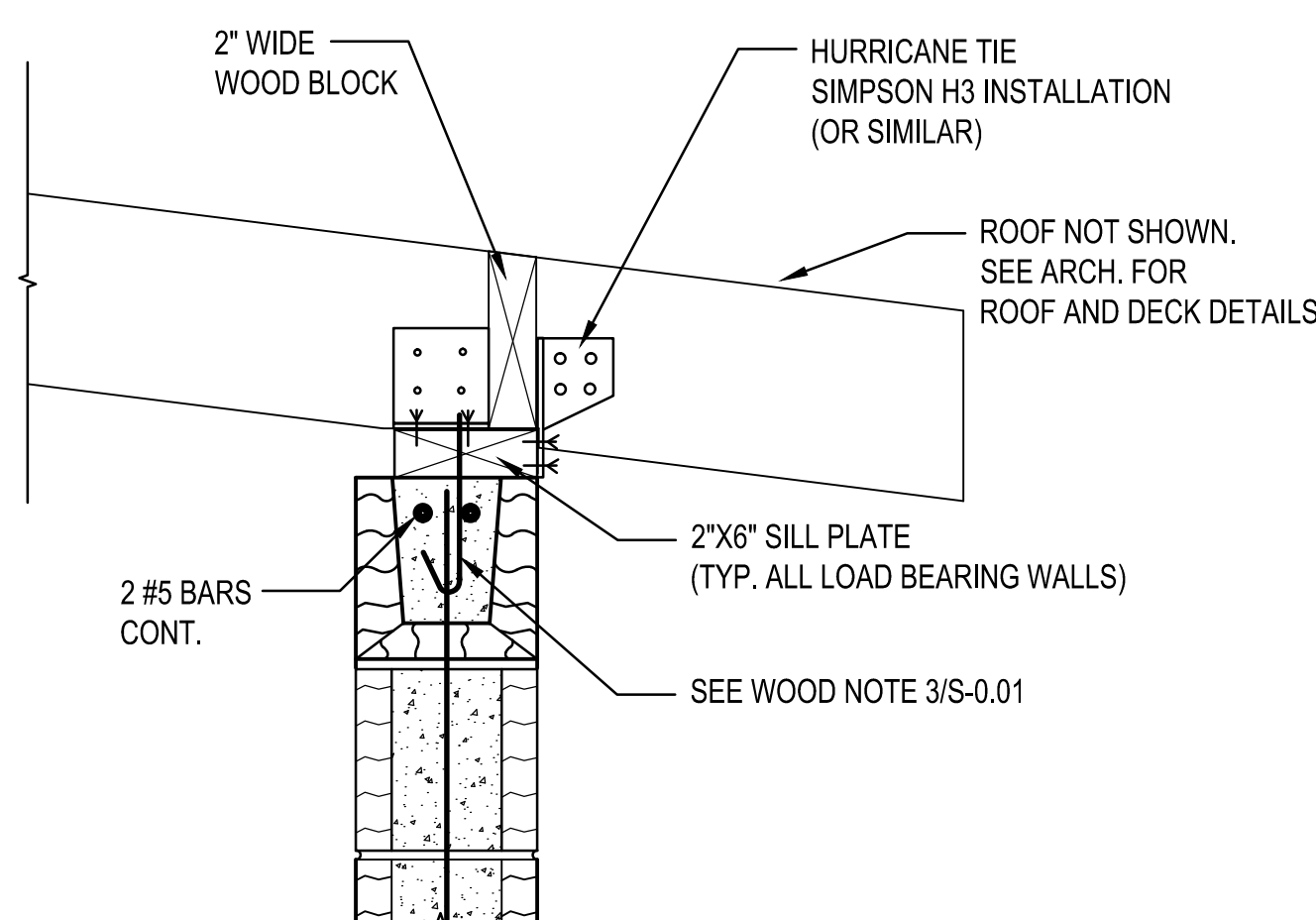
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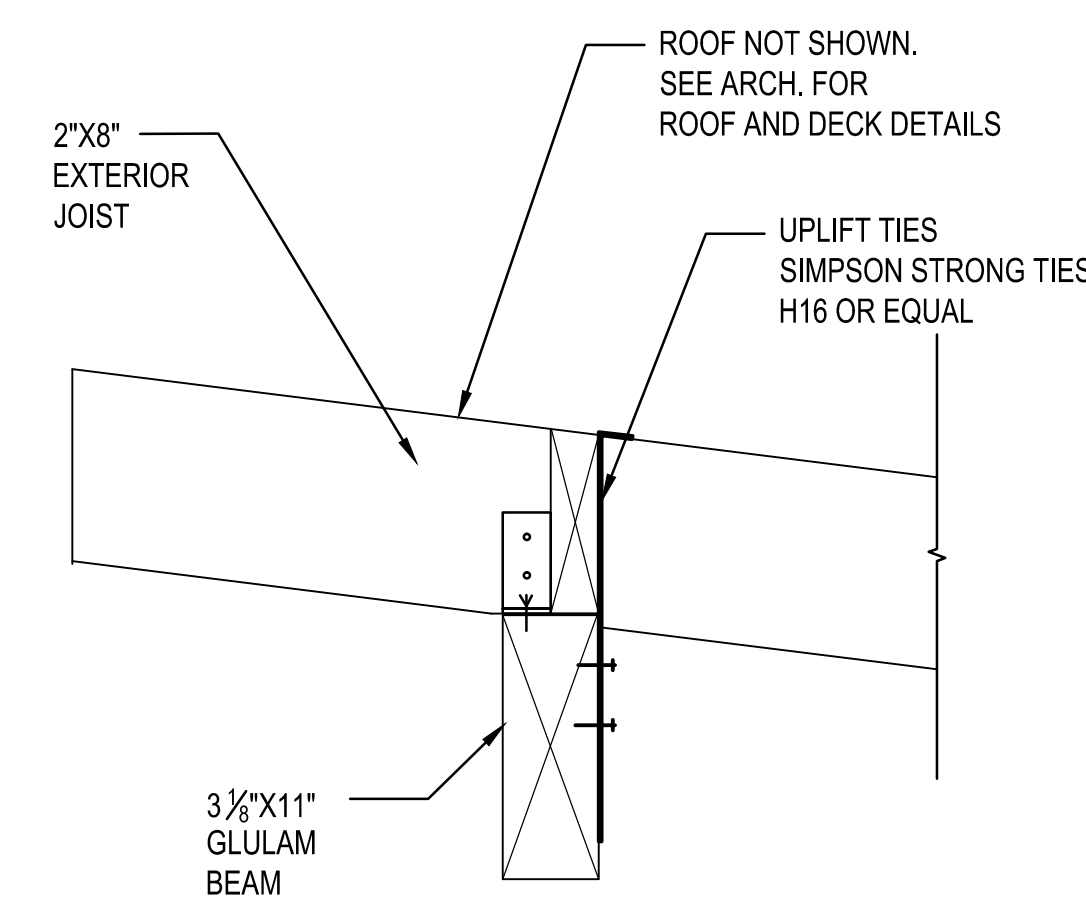
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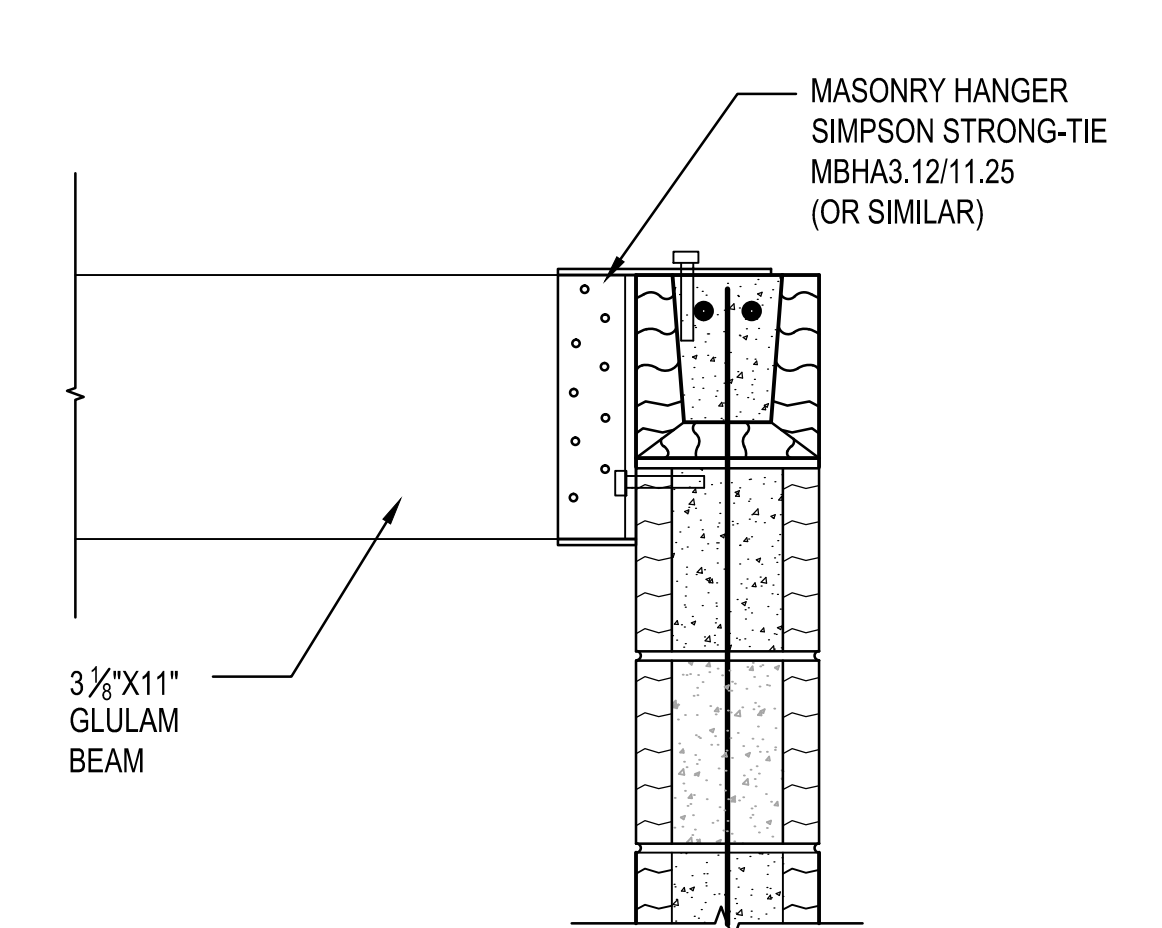
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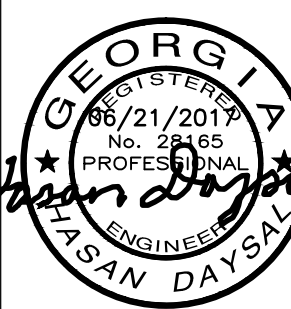


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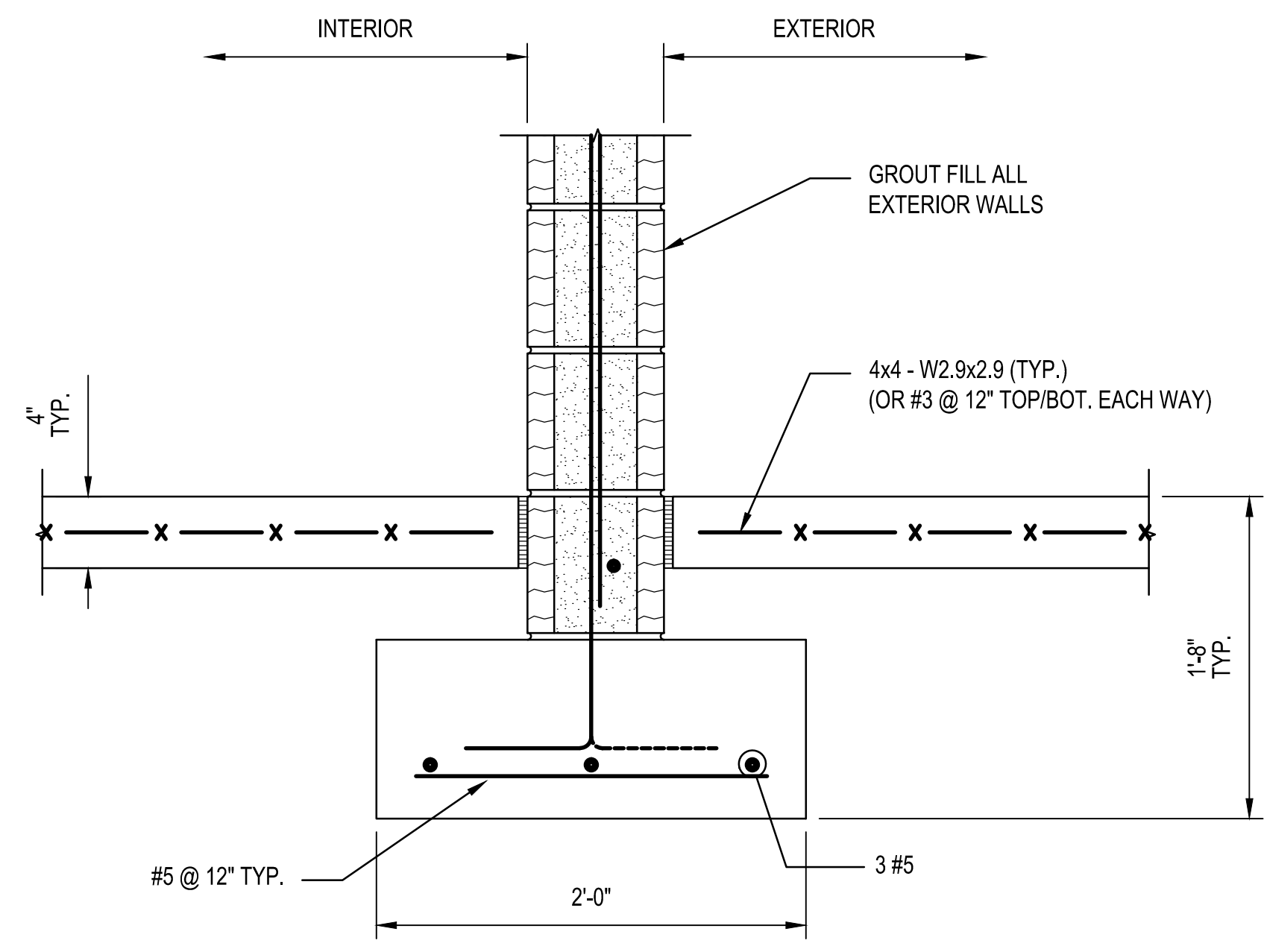
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06-06-2017	MDC	MDC	MDC	MDC	SYMBOL
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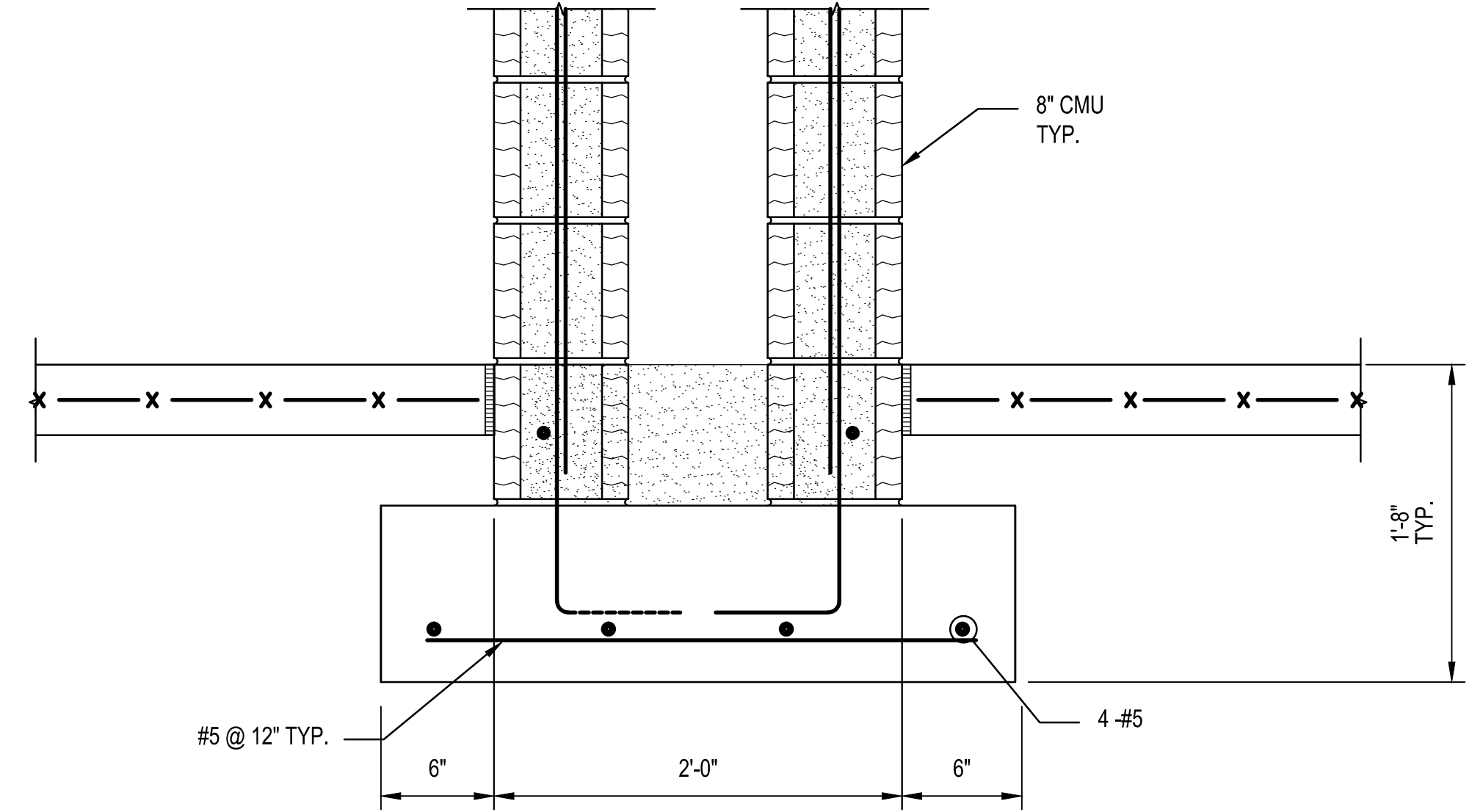
City of **Dunwoody**
PROJECT: BASEBALL FACILITIES AT BROOK RUN PARK

CLIENT: AS SHOWN
PROJECT NO: C-1610-10
DRAWING TITLE: DUGOUT FOUNDATION AND ROOF PLAN

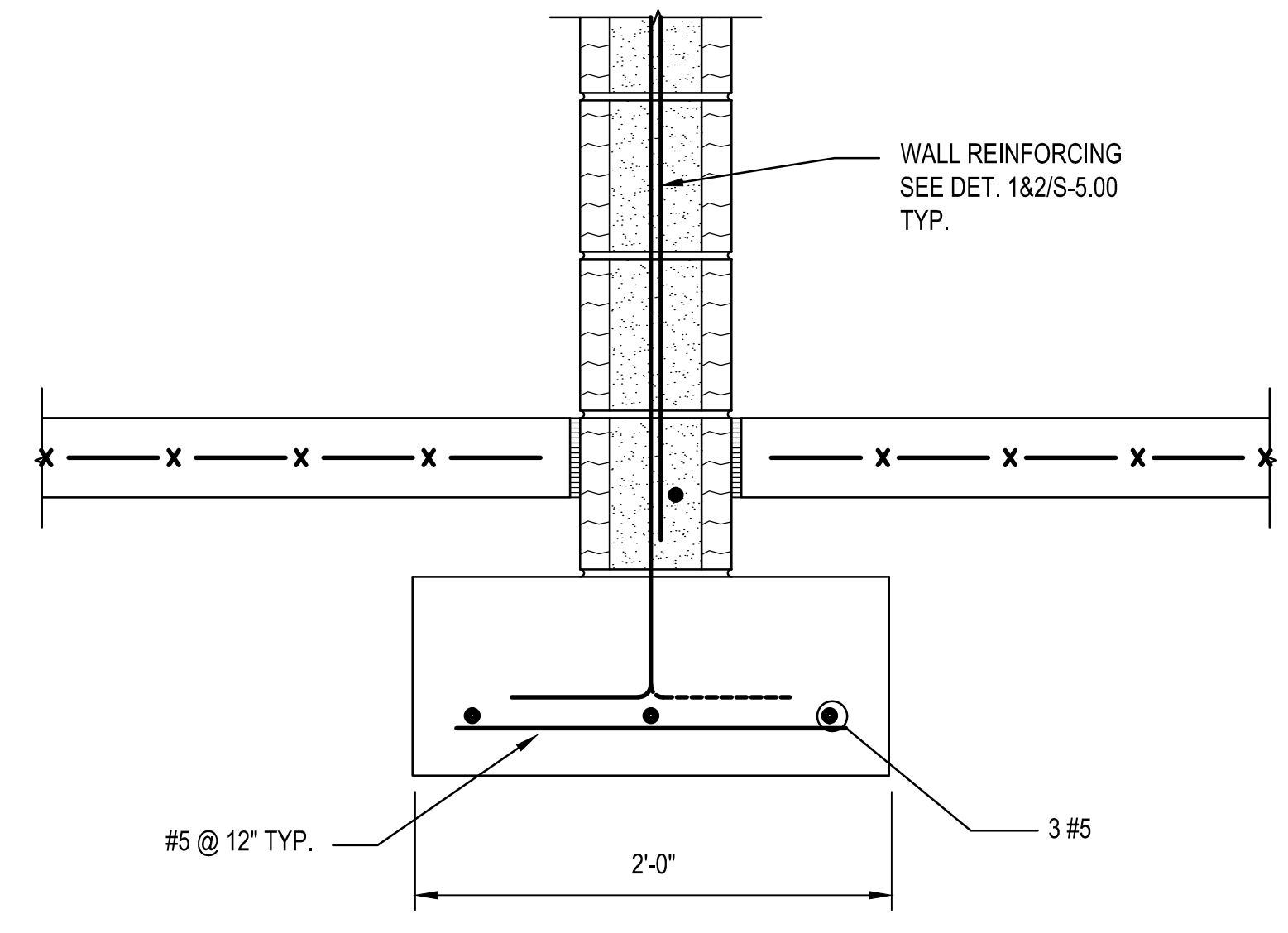
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A SECTION
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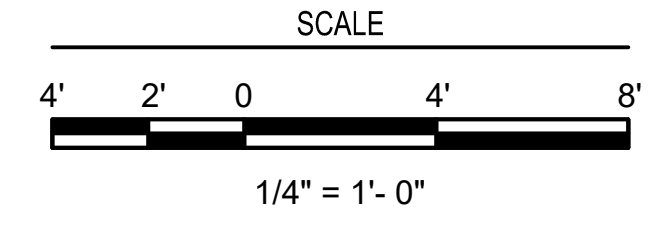


B SECTION
S-3.00 SCALE: 1" = 1'-0"



C SECTION
S-3.00 SCALE: 1" = 1'-0"

- NOTES:
- SEE GENERAL NOTES ON DWG. S-0.01.
 - SEE TYPICAL SECTION AND DETAILS ON DWG. S-5.00



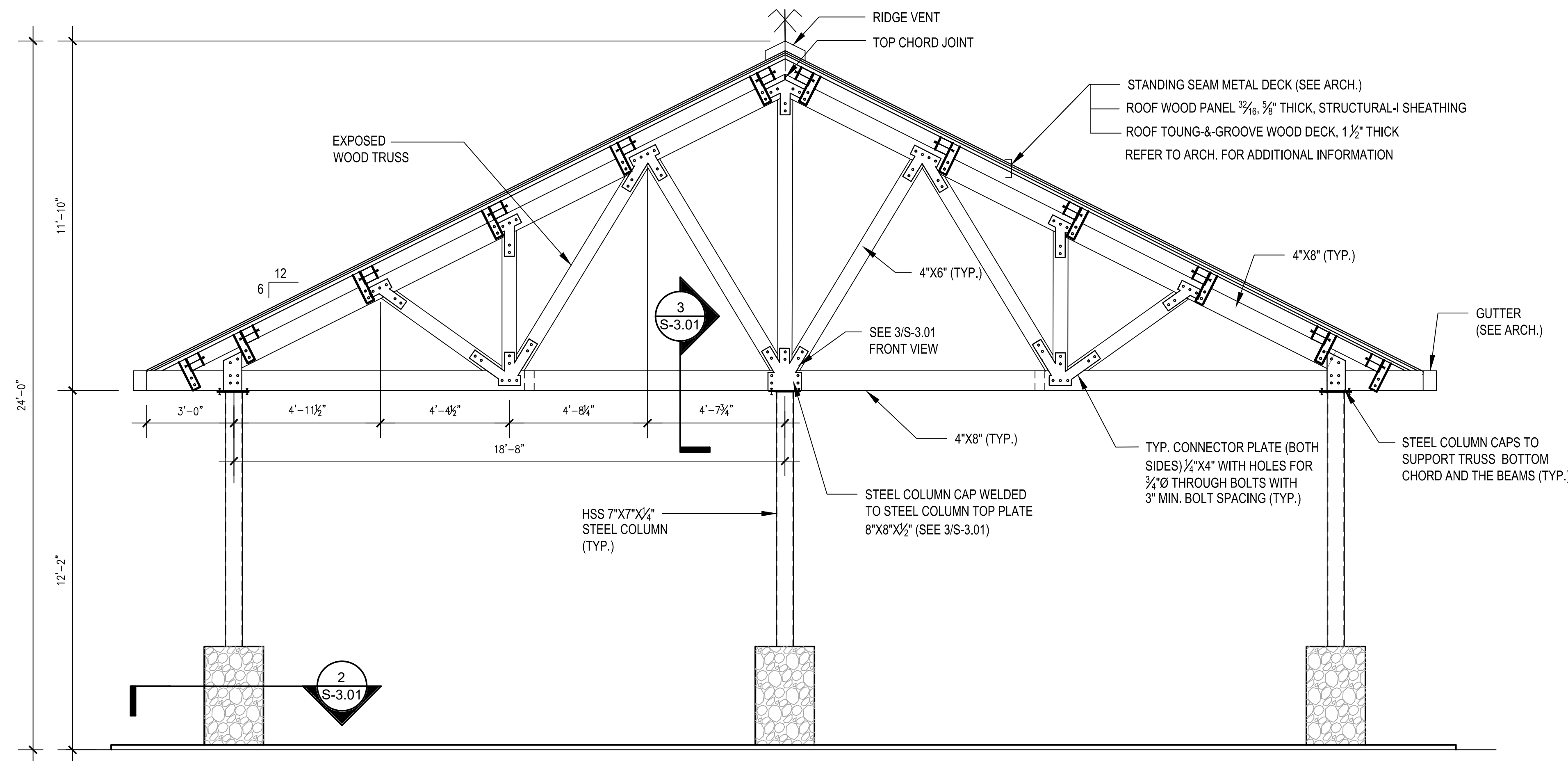
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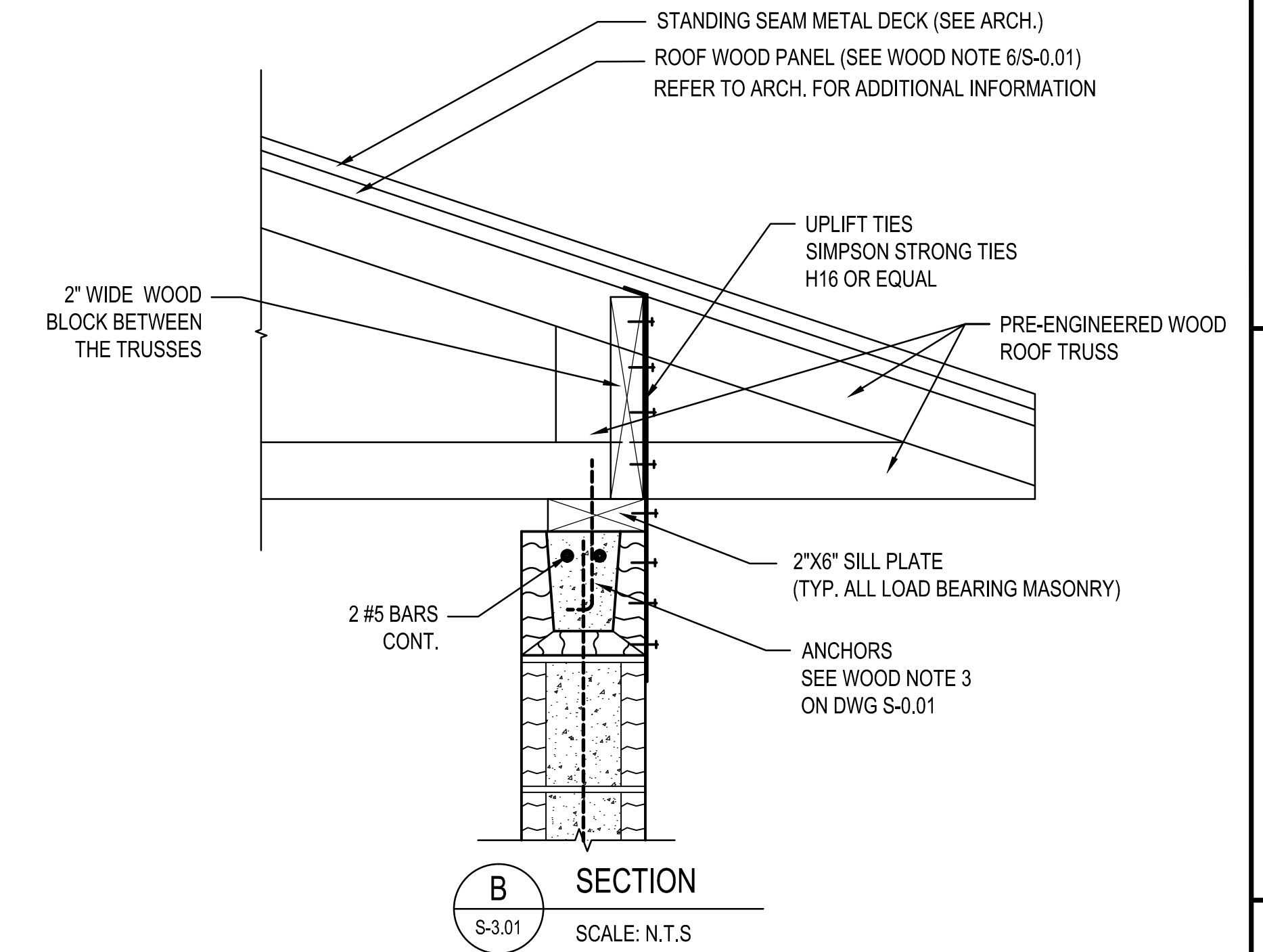
CLIENT: **City of Dunwoody**
PROJECT: **BASEBALL FACILITIES AT BROOK RUN PARK**

DESIGNED: VK
DRAWN: VK
CHECKED: HD
DATE: AS SHOWN
PROJECT NO: C-1810-10
DRAWING TITLE: FOUNDATION SECTIONS

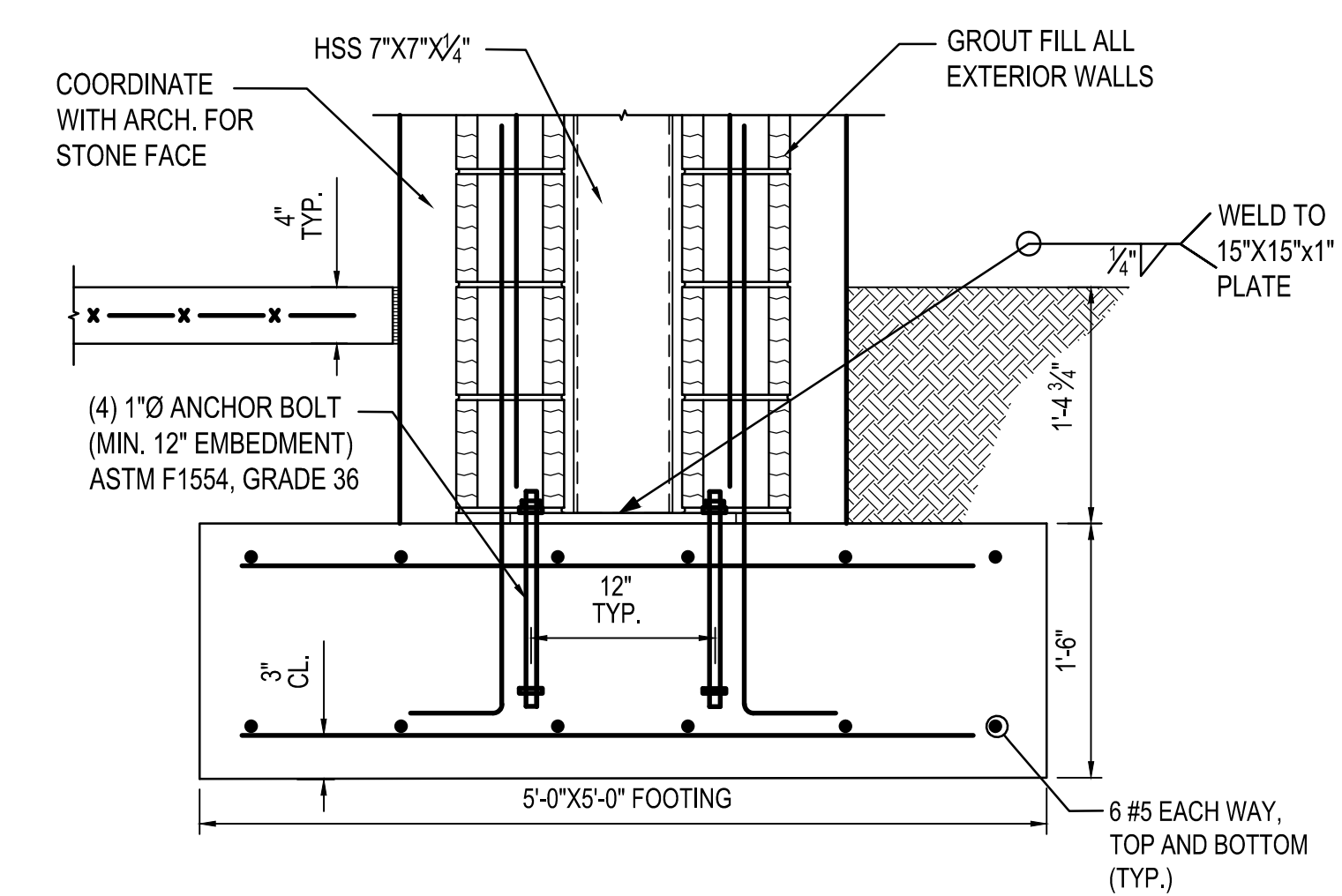
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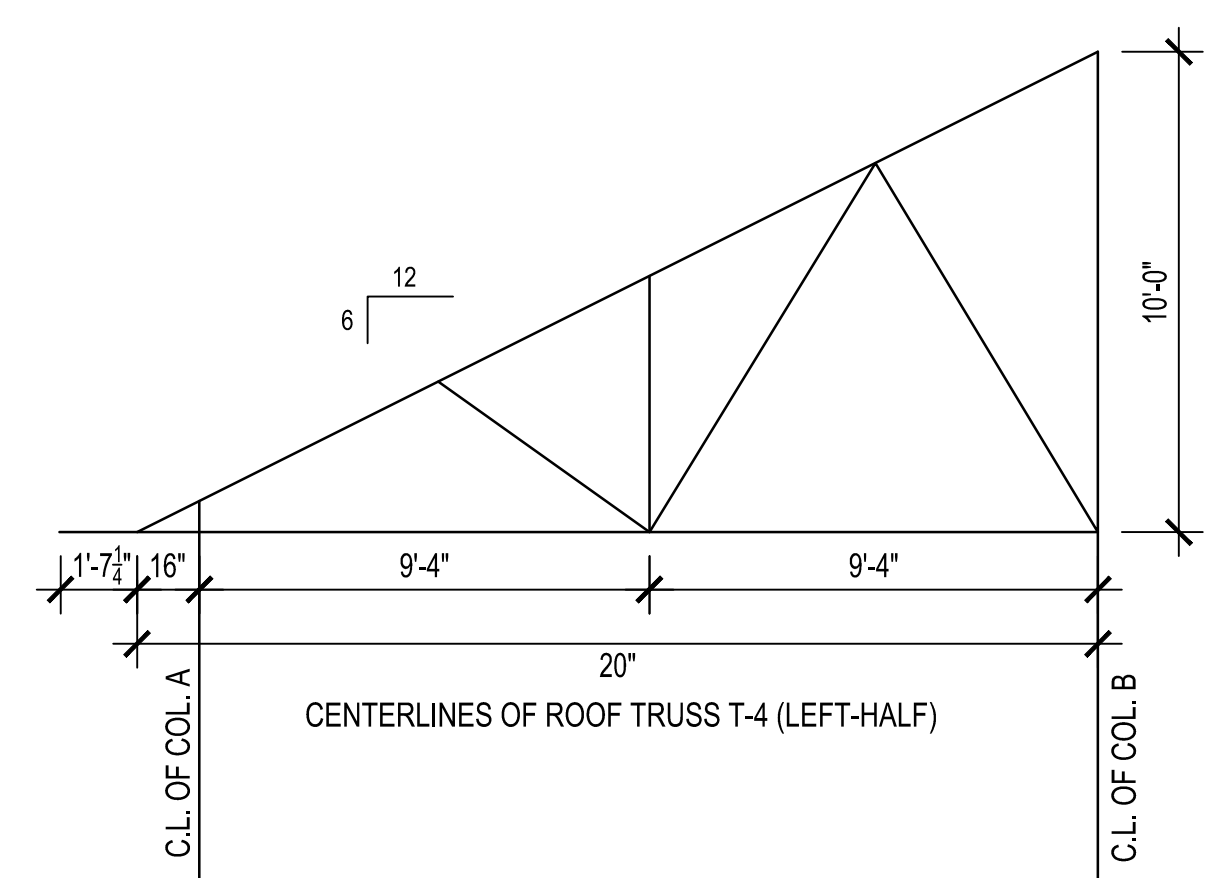
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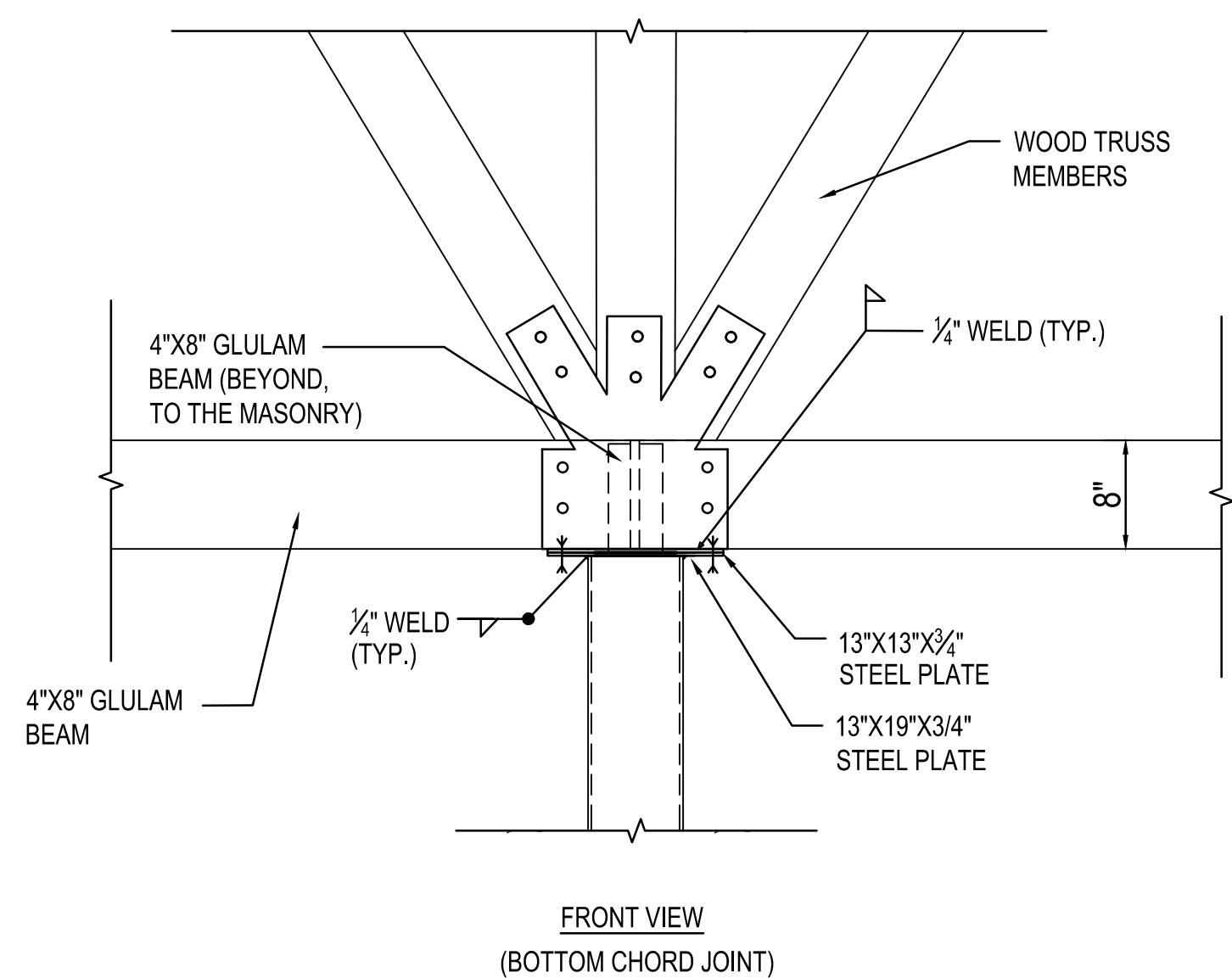
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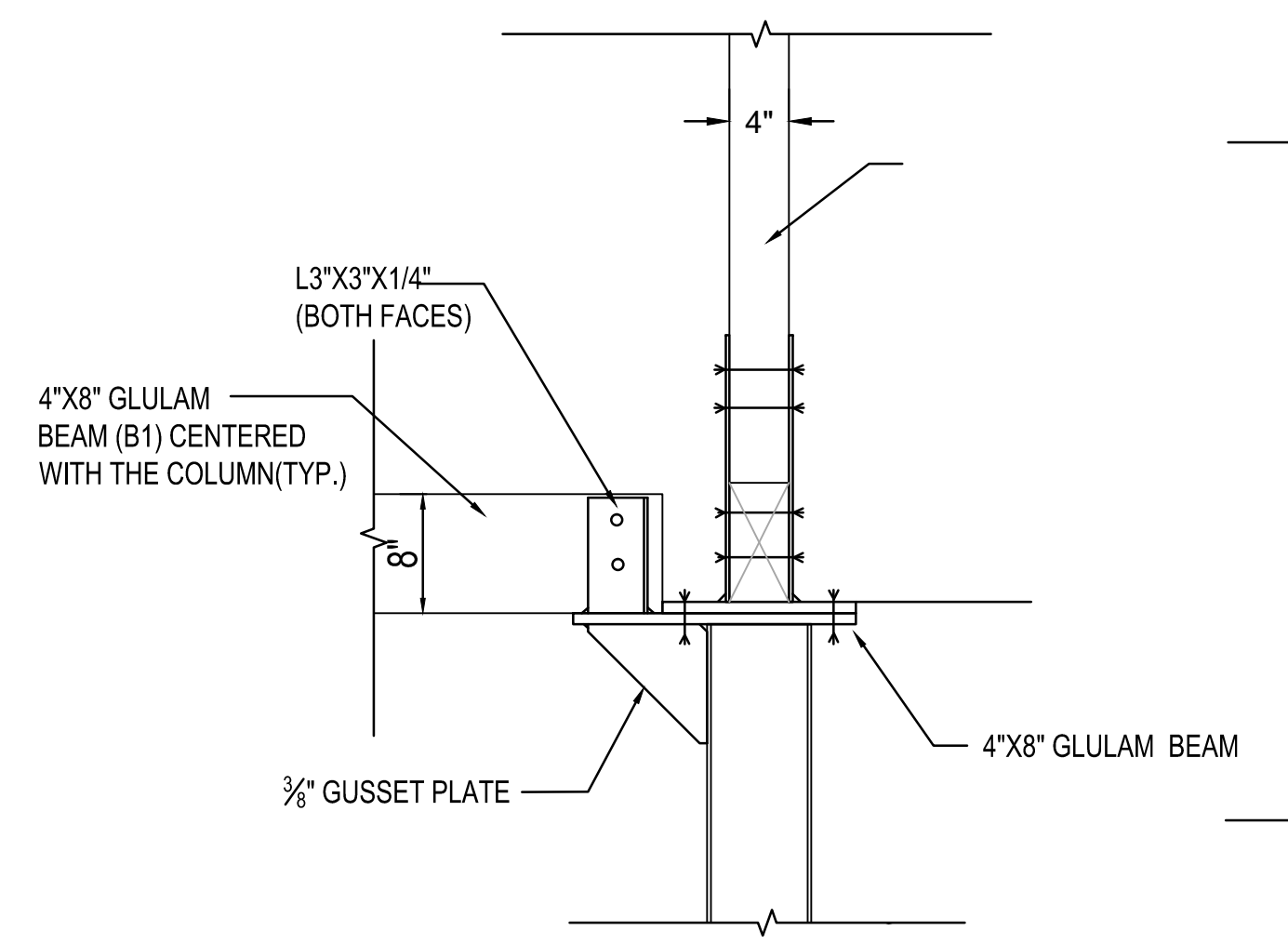
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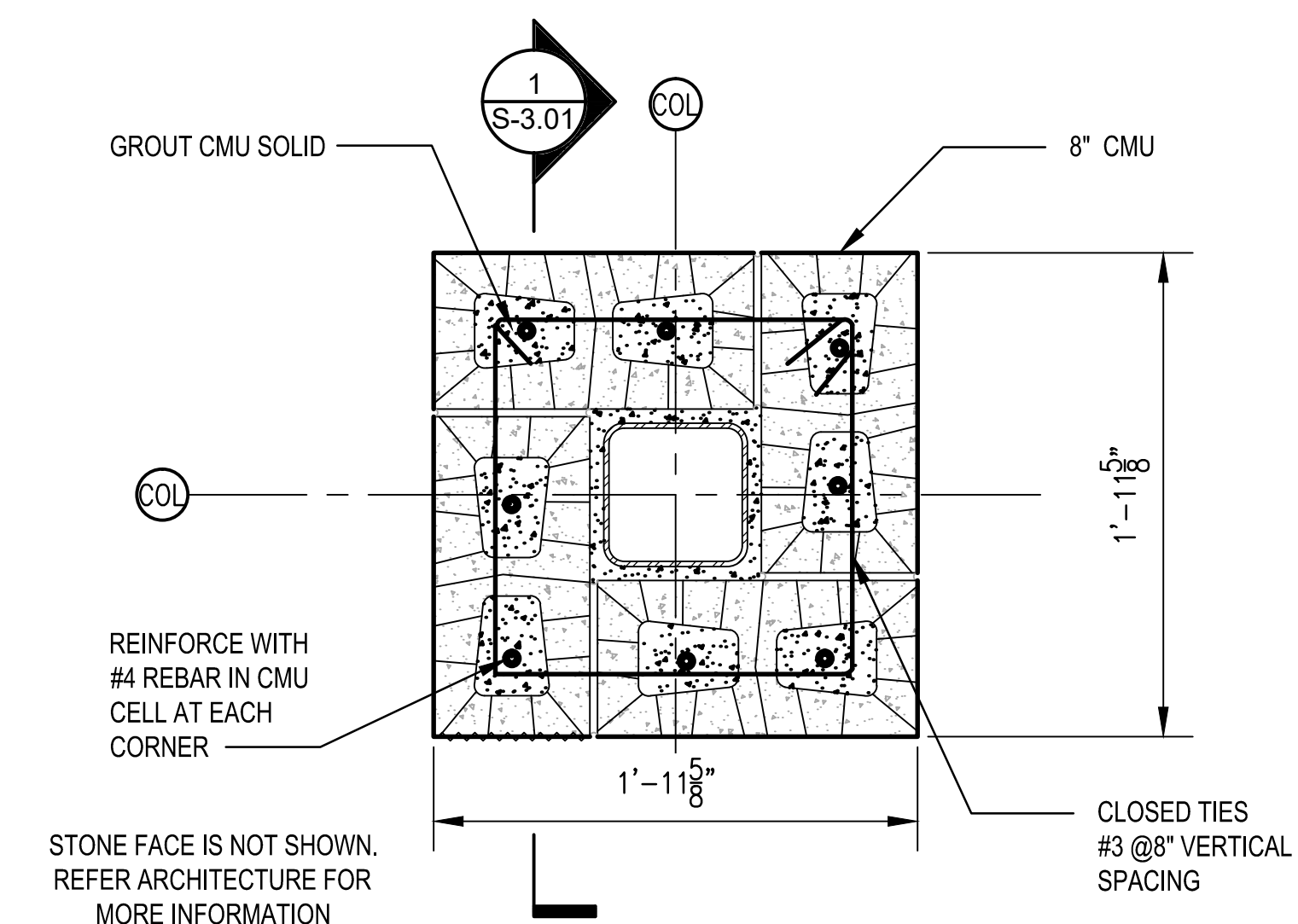
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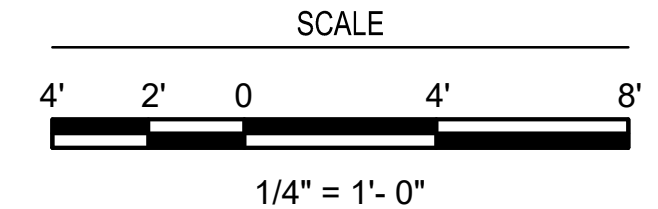
FRONT VIEW
(BOTTOM CHORD JOINT)



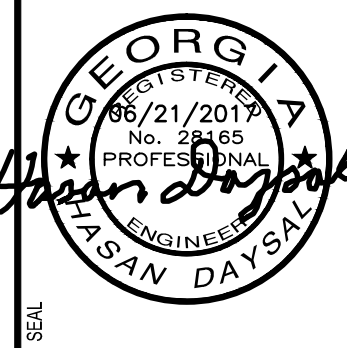
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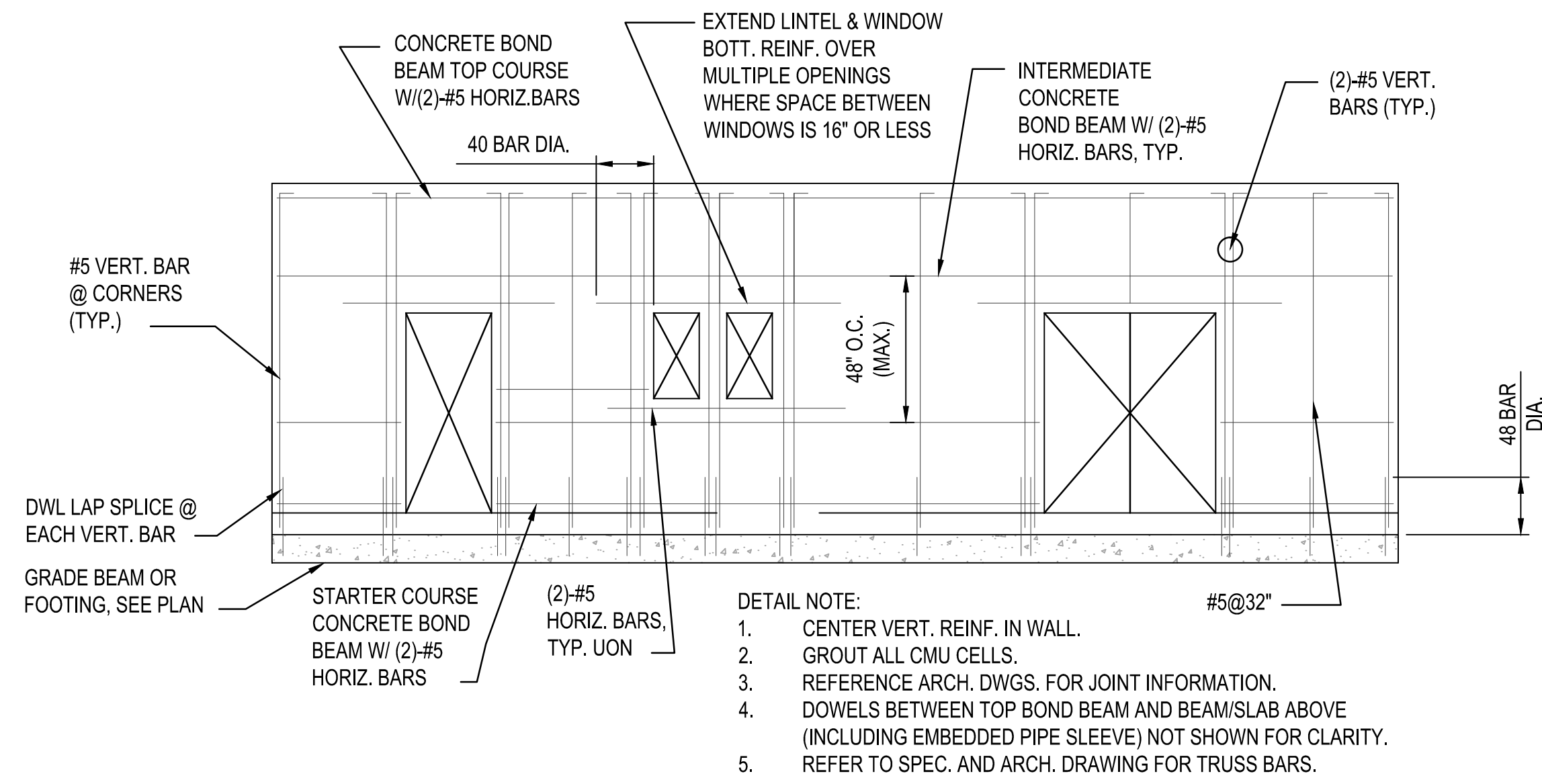
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08-21-2017	MDC	BUILDING PLAN REVIEW



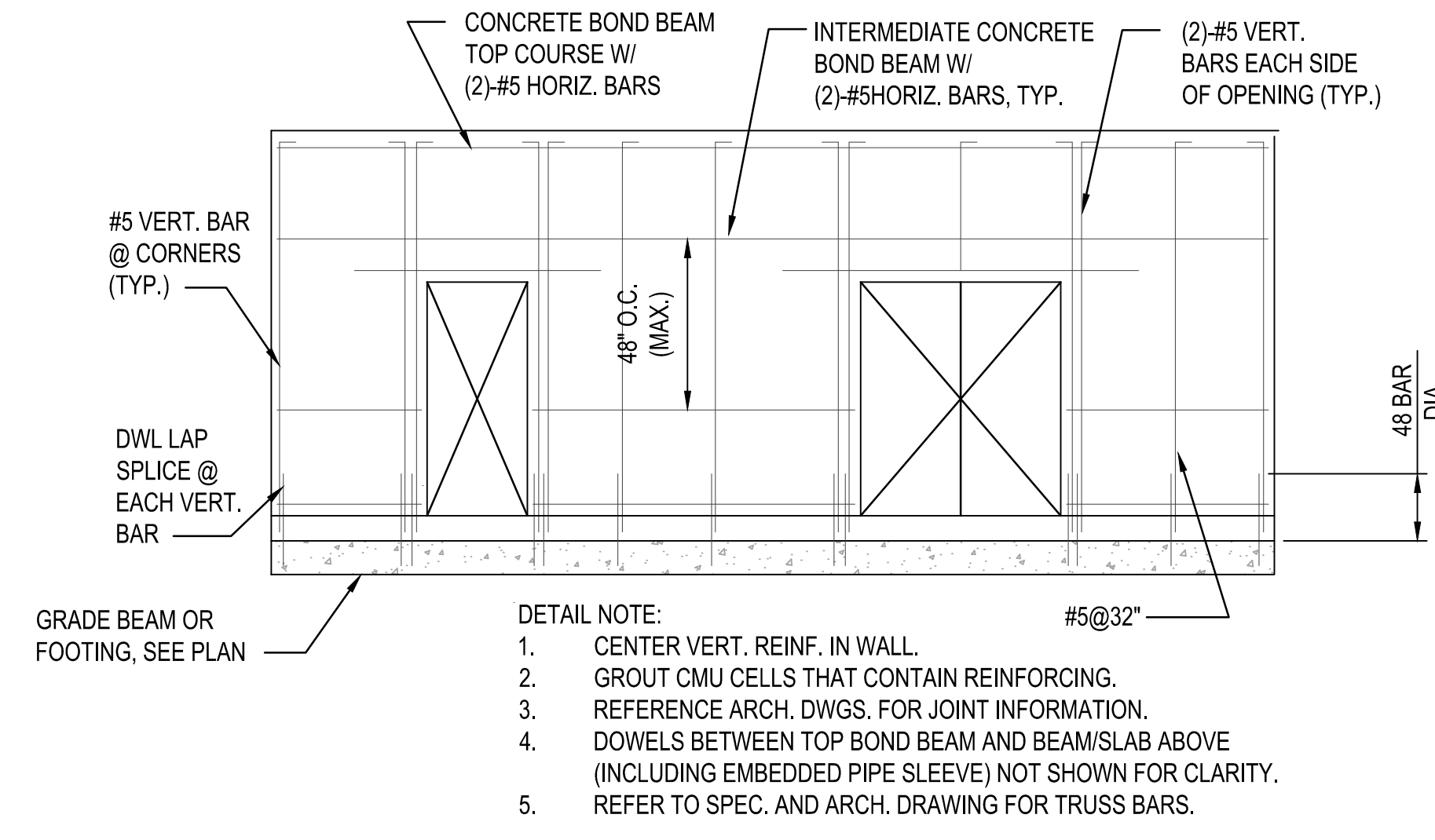
City of **Dunwoody**
PROJECT: BASEBALL FACILITIES AT BROOK RUN PARK

DESIGNED	DRAWN	CHECKED	DATE
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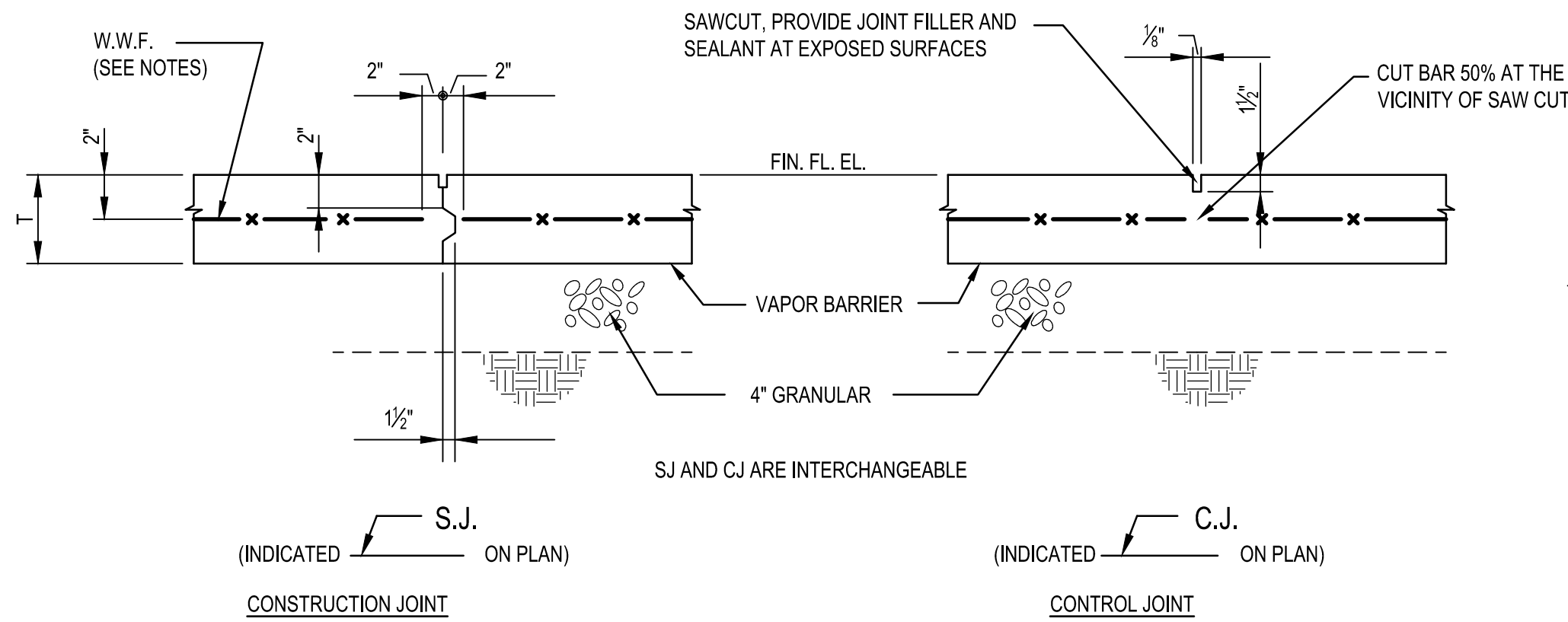
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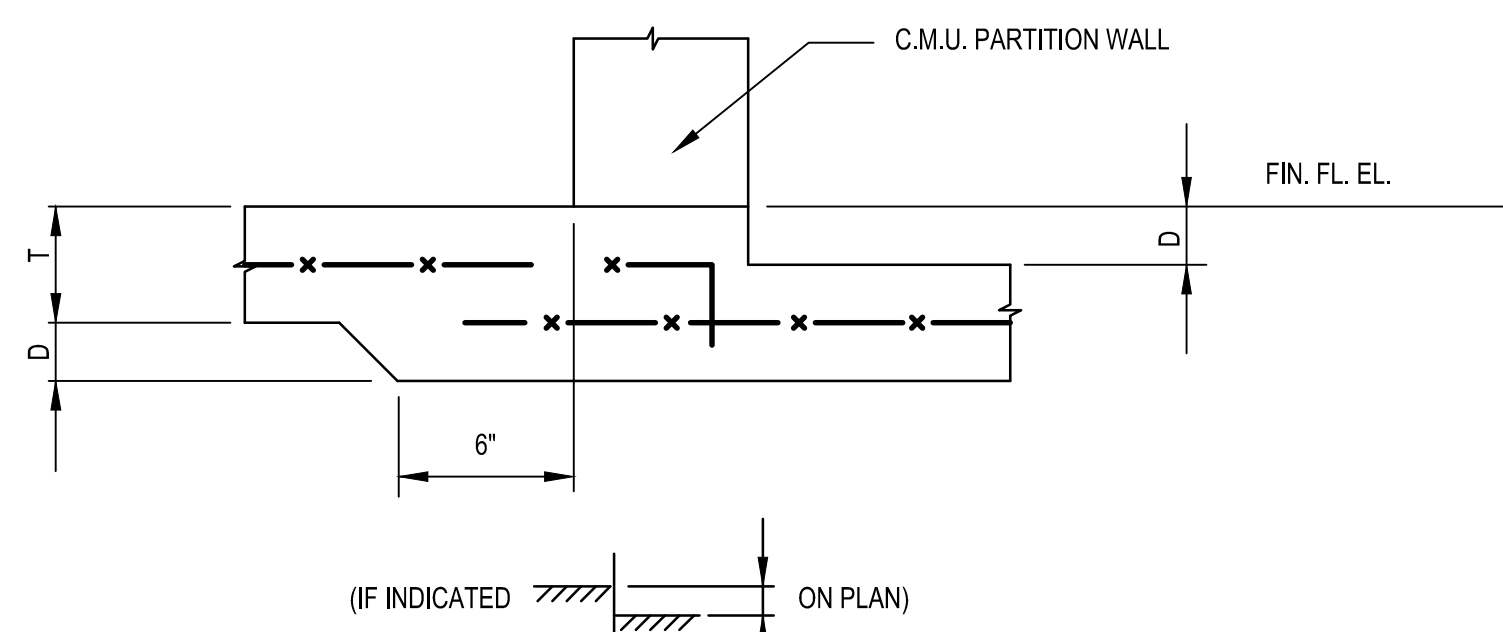
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TYPICAL EXTERIOR CMU WALL REINFORCING DETAIL
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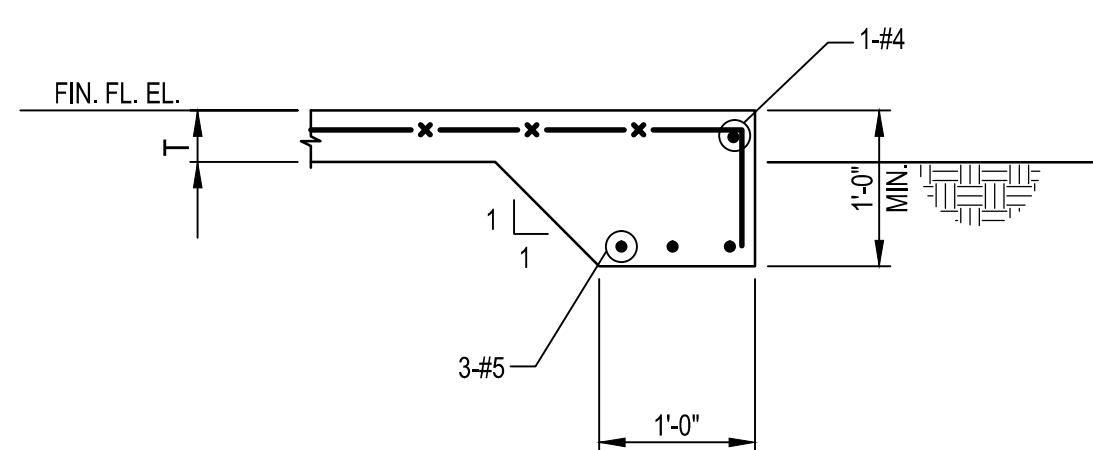
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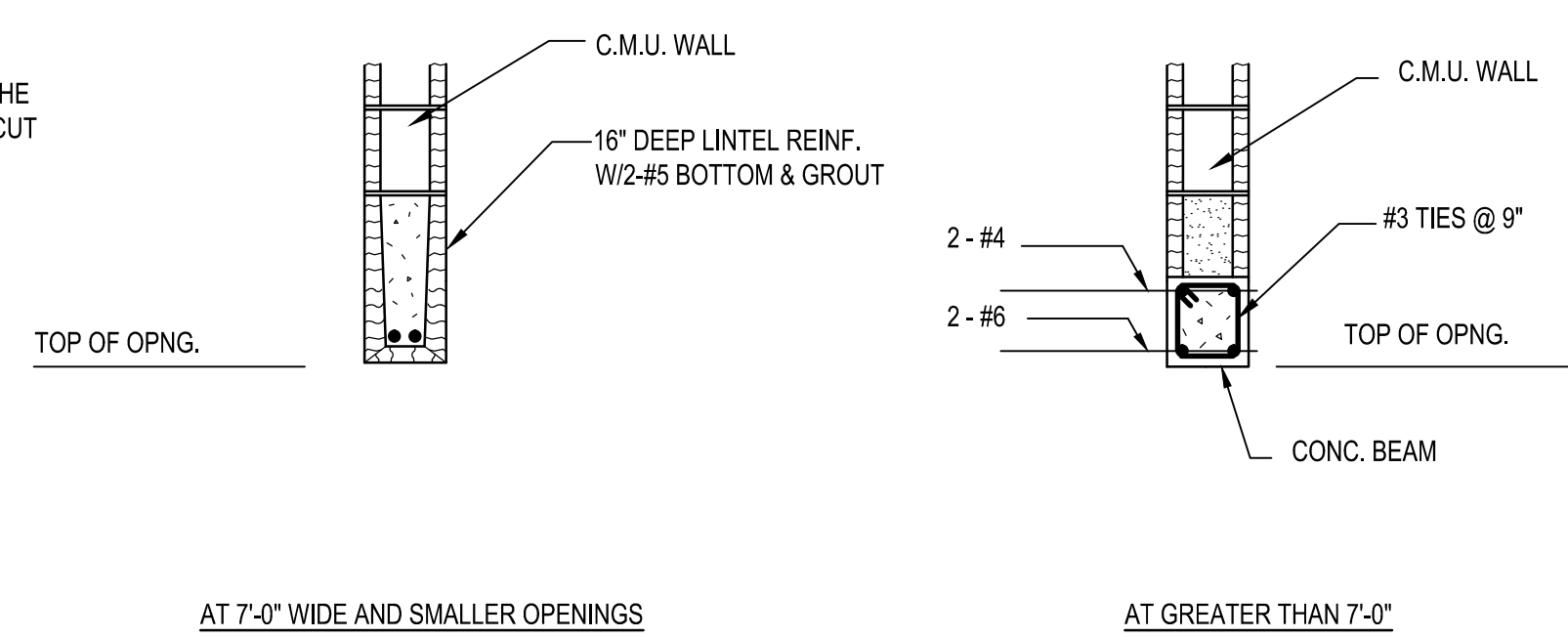
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TYPICAL SLAB ON GRADE CONTROL JOINT (C.J.) DETAILS
SCALE: N.T.S.



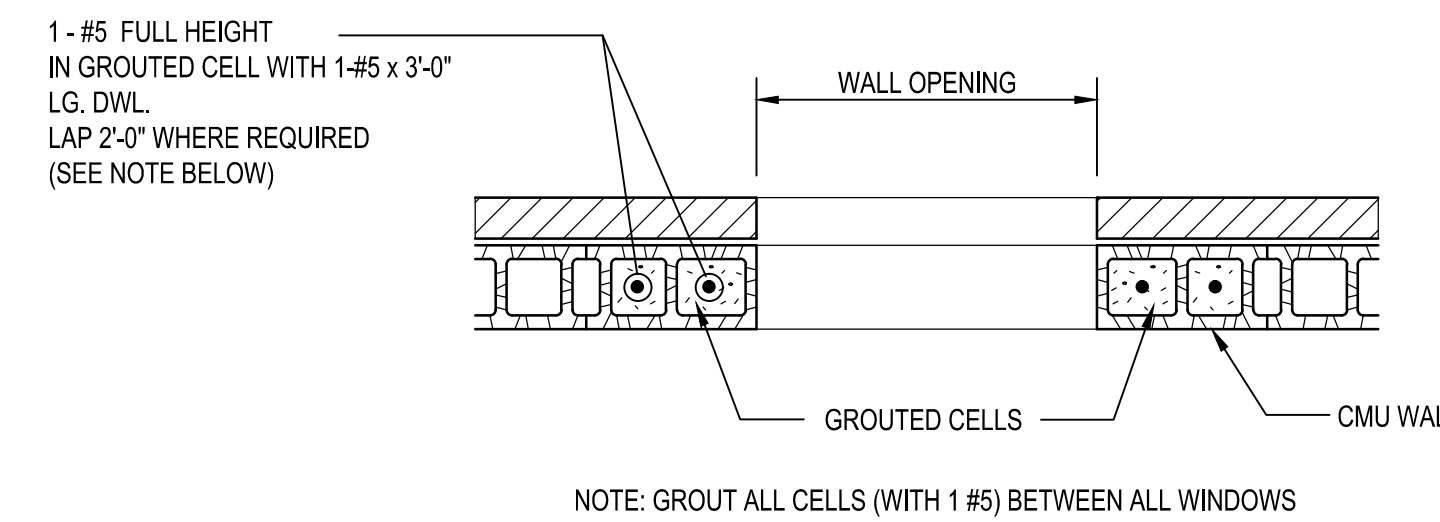
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S-5.00
DEPRESSED SLAB ON GRADE DETAILS
SCALE: N.T.S.



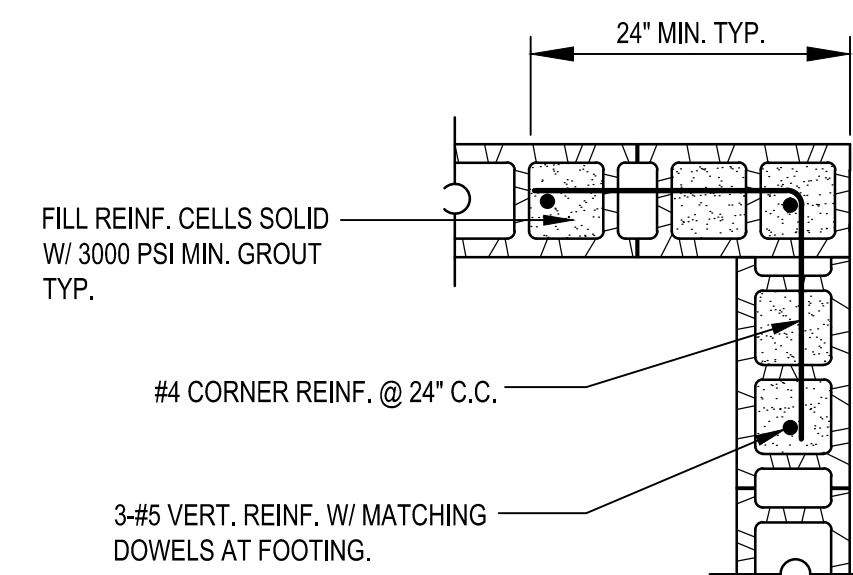
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S-5.00
TYPICAL TURN DOWN SLAB AT EDGE DETAIL
SCALE: N.T.S.



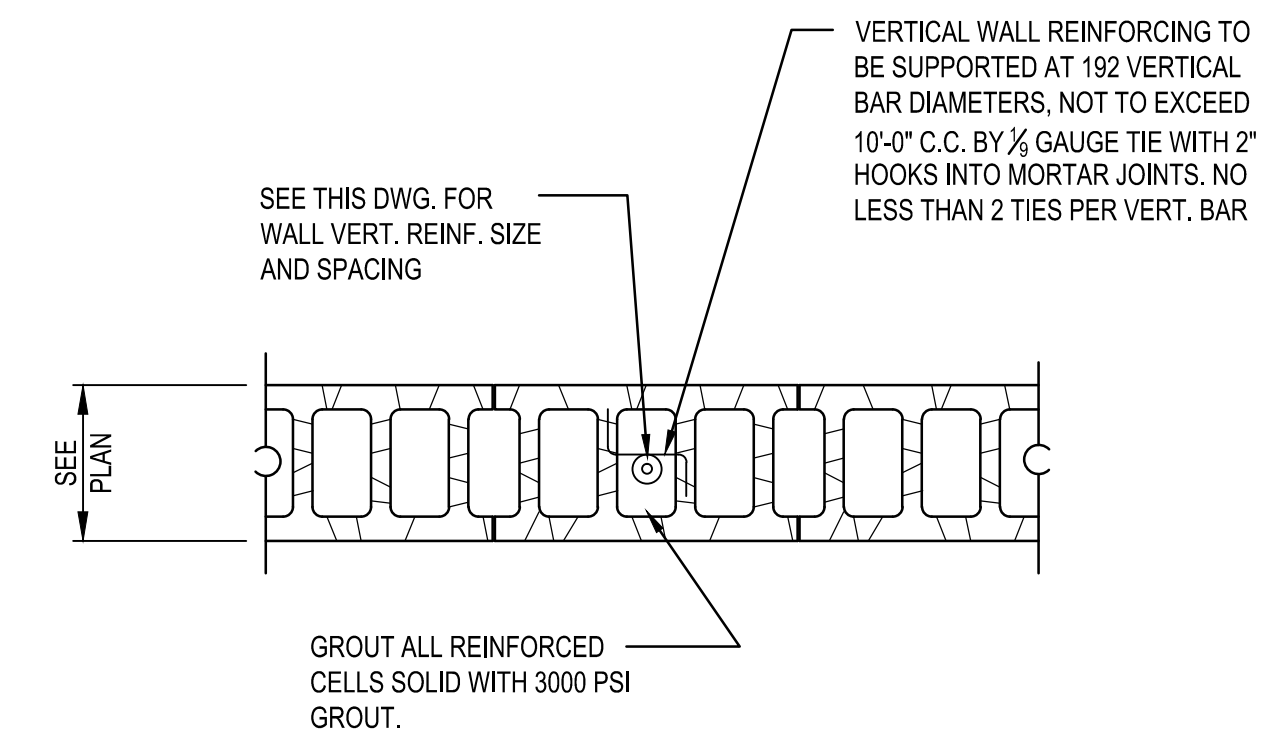
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S-5.00
TYPICAL LINTEL DETAILS AT MASONRY WALLS
SCALE: N.T.S.



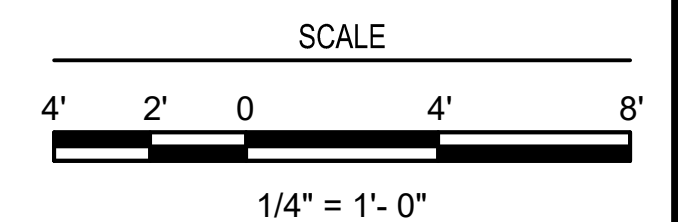
7
S-5.00
TYPICAL PLAN DETAIL OF WALL REINFORCING AT OPENING IN MASONRY WALL
SCALE: N.T.S.



8
S-5.00
TYPICAL PLAN DETAIL OF WALL REINFORCING AT CORNER
SCALE: N.T.S.



9
S-5.00
WALL REINFORCEMENT DETAIL TYPICAL VERTICAL REINFORCEMENT
SCALE: N.T.S.



PRICING SET	ADDENDUM #1	ADDENDUM #3	ADDENDUM #4	BUILDING PLAN REVIEW	REVISION
04-19-2017					
04-26-2017					
06-06-2017					
08-11-2017					
08-21-2017					
DATE	BY				
SYMBOL					



City of **Dunwoody**
PROJECT: BASEBALL FACILITIES AT BROOK RUN PARK

DESIGNED	DRAWN	CHECKED	DATE	SCALE	TYPICAL DETAILS
VK	VK	HD		AS SHOWN	
PROJECT NO.	C-1810-10				
DRAWING TITLE					
SHEET	S-5.00				

PIPING LEGEND

	COLD WATER
	HOT WATER
	RECIRCULATION
	TEMPERED WATER
	SANITARY
	VENT
	ELBOW UP
	ELBOW DOWN
	RISE OR DROP
	BRANCH BOTTOM CONNECTION
	BRANCH TOP CONNECTION
	TEE OUTLET UP
	TEE OUTLET DOWN
	PIPE CAP
	DIRECTION OF FLOW
	DIRECTION OF SLOPE DOWN
	CONCENTRIC REDUCER
	ECCENTRIC REDUCER
	UNION
	PIPE FLANGE
	PIPE ANCHOR
	PIPE GUIDE
	EXPANSION JOINT
	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
	PRESSURE/TEMPERATURE TAP WITH BALL VALVE
	FLOW SWITCH
	PRESSURE SWITCH
	PLUG VALVE
	MANUAL AIR VENT
	AUTOMATIC AIR VENT
	T&P RELIEF VALVE
	PRESSURE GAUGE WITH GAUGE COCK
	THERMOMETER
	FLEXIBLE CONNECTION
	CLEANOUT
	FLOOR CLEANOUT
	WATER METER

ABBREVIATIONS

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

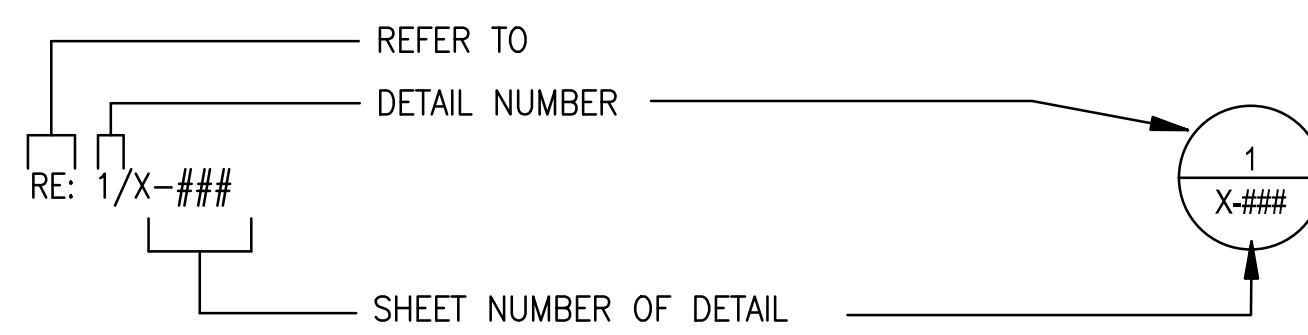
MISCELLANEOUS LEGEND

	THERMOSTAT
	RETURN/EXHAUST GRILLE
	SUPPLY DIFFUSER
	FLEXIBLE DUCT
	SPIN-IN FITTING
	MANUAL VOLUME DAMPER (MD)

GENERAL NOTES

- 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.
- 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.
- 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.
- 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.
- ALL REQUIRED CONTROL WIRING NOT SHOWN ON THE ELECTRICAL DRAWINGS SHALL BE INCLUDED AS PART OF THE MECHANICAL WORK.
- 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%).
- 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.
- ALL PIPING SHALL BE PROVIDED WITH HIGH POINT VENTS AND LOW POINT DRAINS AS REQUIRED, WHETHER SHOWN ON DRAWINGS OR NOT.
- CONTRACTOR SHALL EXTEND WATER, AND SANITARY SEWER PIPING TO UTILITIES OUTSIDE BUILDING. REFER TO SITE PLAN FOR CONTINUATION & LOCATION OF OUTSIDE UTILITIES.
- HOSE BIBBS SHALL BE MOUNTED 18" ABOVE FINISHED FLOOR.
- 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.
- 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.
- ALL PIPING SHALL BE CONCEALED INSIDE WALLS, BELOW FLOORS, OR ABOVE CEILINGS UNLESS INDICATED OTHERWISE.
- INSULATE ALL HOT AND COLD WATER PIPING. SEE SPECIFICATIONS FOR INSULATION SIZES.
- ALL PLUMBING FIXTURES SHALL BE FURNISHED WITH STOP VALVES. VALVES SHALL BE IN SUPPLY PIPES OR INTEGRAL WITH SUPPLY FITTINGS.
- 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.
- 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 KEYPED CAM LOCK. COORDINATE COLOR WITH ARCHITECTURAL DRAWINGS.
- FLUSH VALVE HANDLE ON ALL ADA ACCESSIBLE WATER CLOSETS SHALL BE LOCATED ON WIDE SIDE OF STALL.
- 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.
- PROVIDE TRAP PRIMER AND CONNECTION FOR ANY FLOOR DRAIN, FLOOR SINK, OR HUB DRAIN NOT SUBJECT TO REGULAR FLOW.
- 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.
- DO NOT RUN PIPING THROUGH ELECTRICAL ROOMS OR DIRECTLY ABOVE ELECTRICAL PANELS OR THROUGH OTHER WATER SENSITIVE AREAS.
- 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.
- LOCATE ALL VALVES WHERE THEY ARE ACCESSIBLE FOR SERVICE AND USE.
- EXHAUST DUCTWORK SHALL BE SHEET METAL AND SHALL NOT BE INSULATED UNLESS NOTED OTHERWISE.
- 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.
- 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 GRIMPS OR OTHER AIR FLOW RESTRICTIONS. PROVIDE SQUARE TO ROUND ADAPTERS OR BOOTS TO CONNECT TO AIR DEVICE NECK WHEN REQUIRED.
- ROUND AND FLEXIBLE DUCTWORK SHALL BE CONNECTED TO MAIN DUCTS WITH SPIN-IN FITTINGS AND BALANCING DAMPERS.
- DUCTWORK DIMENSIONS SHOWN ON THE DRAWINGS ARE INSIDE CLEAR DIMENSIONS. ALL DUCT SHALL BE WRAPPED WITH INSULATION.
- 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.
- 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.
- MOUNT SENSORS 4'-0" AFF UNLESS NOTED OTHERWISE.
- LOCATIONS OF GRILLES, REGISTERS, & DIFFUSERS SHOWN ON THE DRAWINGS ARE APPROXIMATE. COORDINATE EXACT LOCATIONS WITH LIGHTS, CEILING GRID, ETC.
- PROVIDE ACCESS PANELS IN NON-ACCESSIBLE CEILINGS AND IN WALL STRUCTURE TO ALLOW ADEQUATE ROOM FOR MAINTENANCE OF EQUIPMENT AND BALANCING OF SYSTEM.
- ALL NEW PLUMBING FIXTURES MUST COMPLY WITH THE HIGH EFFICIENCY STANDARDS LISTED IN THE GEORGIA AMENDMENTS TO THE 2012 IPC.

DRAWING/DETAIL REFERENCE KEY



Robert and Company
 Engineers, Architects, Planners
 3000 Peachtree Dunwoody Rd., Suite 2000, Atlanta, Georgia 30338
 404-577-4000 FAX: 404-577-7119

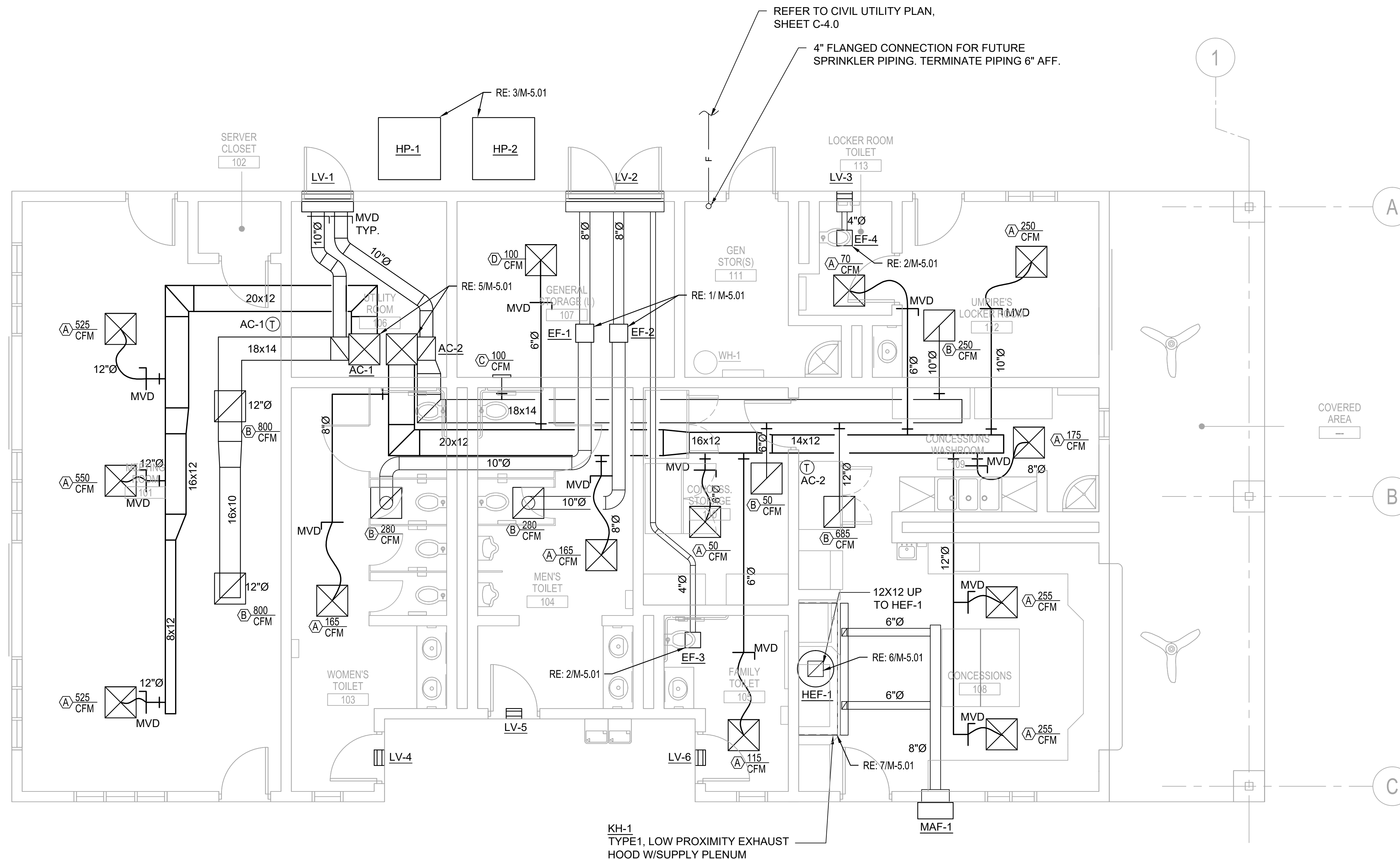
SKYLINE
 ENGINEERING & CONSTRUCTION
 P:888.706.0661 F:770.217.7530 www.skyline-ec.com

PRICING SET	ADDENDUM #1	ADDENDUM #3	ADDENDUM #4	BUILDING PLAN REVIEW	REVISION
MDC	MDC	MDC	MDC	MDC	BY
04-19-2017	04-26-2017	06-06-2017	06-11-2017	06-21-2017	DATE
					SYMBOL

20 June 2017

 WILLIAM B. HEYWARD

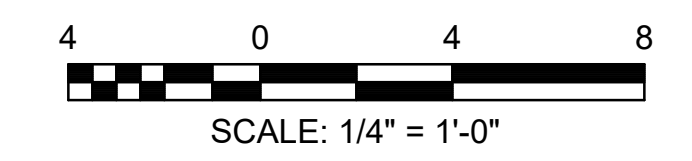
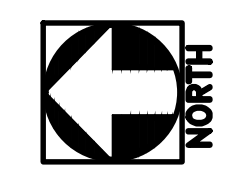
CLIENT	City of Dunwoody
PROJECT	BASEBALL FACILITIES AT BROOK RUN PARK
DESIGNED	DF
DRAWN	DJB
CHECKED	WBH
DATE	
PROJECT NO.	C-1610-10
DRAWING TITLE	MECHANICAL GENERAL NOTES, LEGEND AND ABBREVIATIONS
DRAWING NO.	M-0.01
SHEET	OF



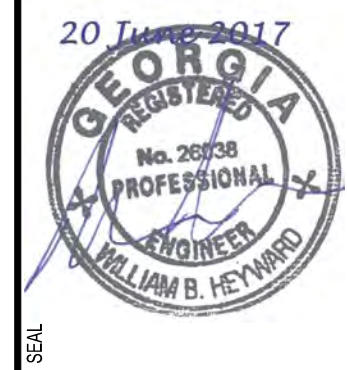
REFER TO CIVIL UTILITY PLAN, SHEET C-4.0
 4" FLANGED CONNECTION FOR FUTURE SPRINKLER PIPING. TERMINATE PIPING 6" AFF.

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

1 FIELDHOUSE HVAC PLAN
 M-101 SCALE: 1/4" = 1'-0"



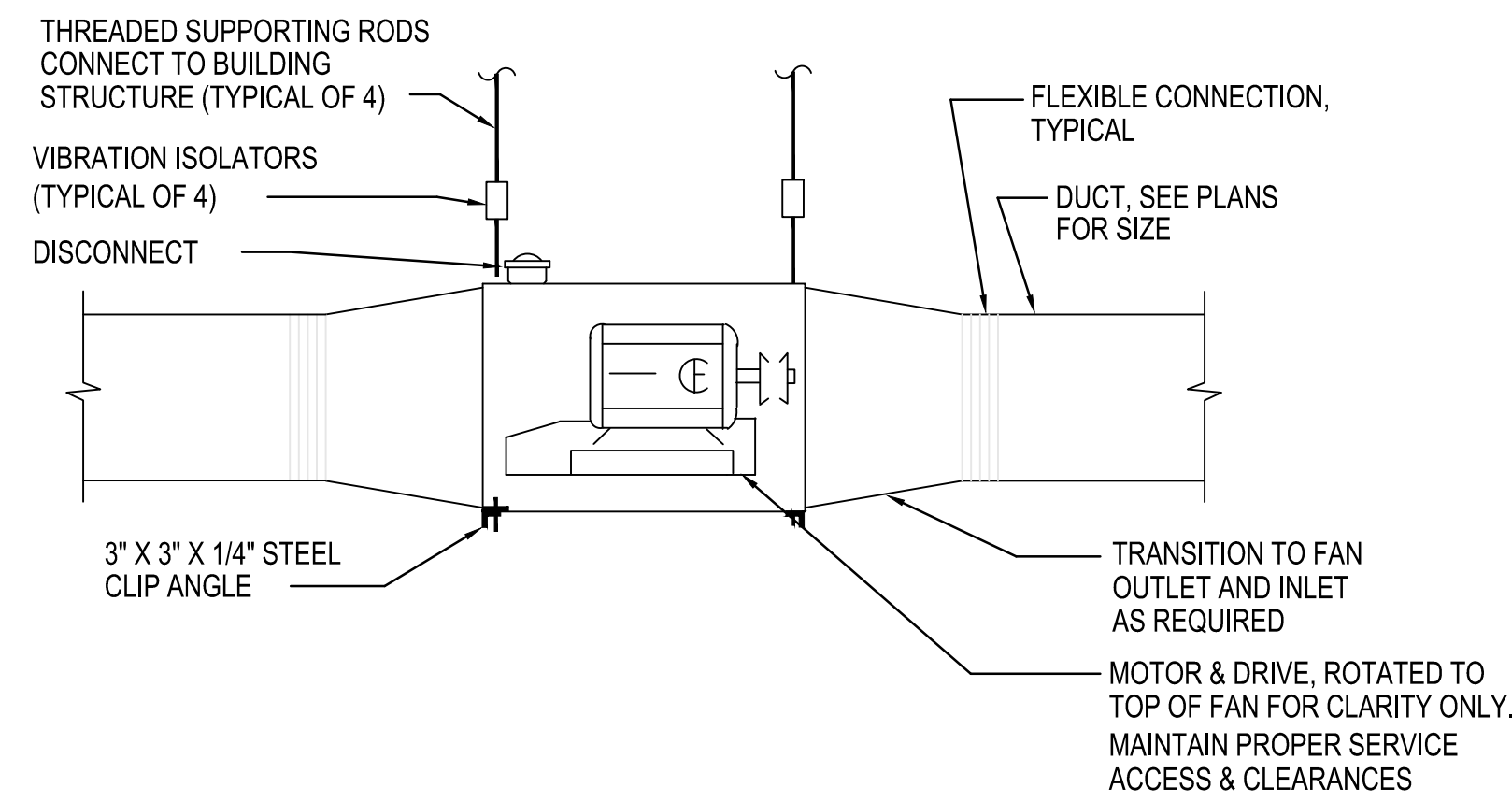
PRICE SET	ADDENDUM #1	ADDENDUM #3	ADDENDUM #4	BUILDING PLAN REVIEW	REVISION
04-19-2017	MDC	MDC	MDC	MDC	BY
04-26-2017	MDC	MDC	MDC	MDC	DATE
05-06-2017	MDC	MDC	MDC	MDC	DATE
05-11-2017	MDC	MDC	MDC	MDC	DATE
06-21-2017	MDC	MDC	MDC	MDC	DATE
					BY
					DATE



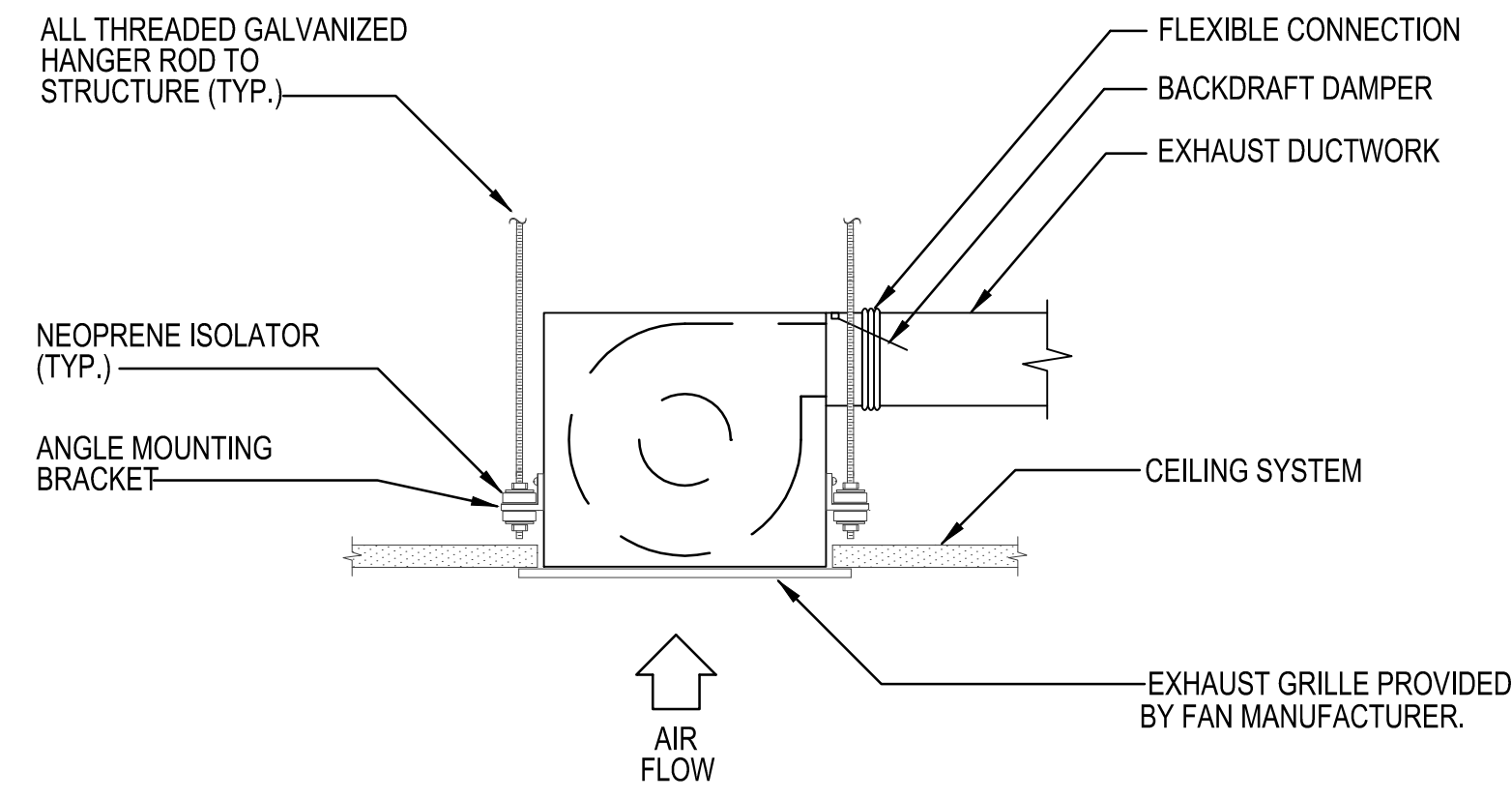
City of **Dunwoody**
 PROJECT: BASEBALL FACILITIES AT BROOK RUN PARK

DESIGNED	DRAWN	CHECKED	DATE
DF	DJB	WBH	
PROJECT NO.	C-1810-10	SCALE	AS SHOWN
DRAWING TITLE	FIELDHOUSE HVAC PLAN		

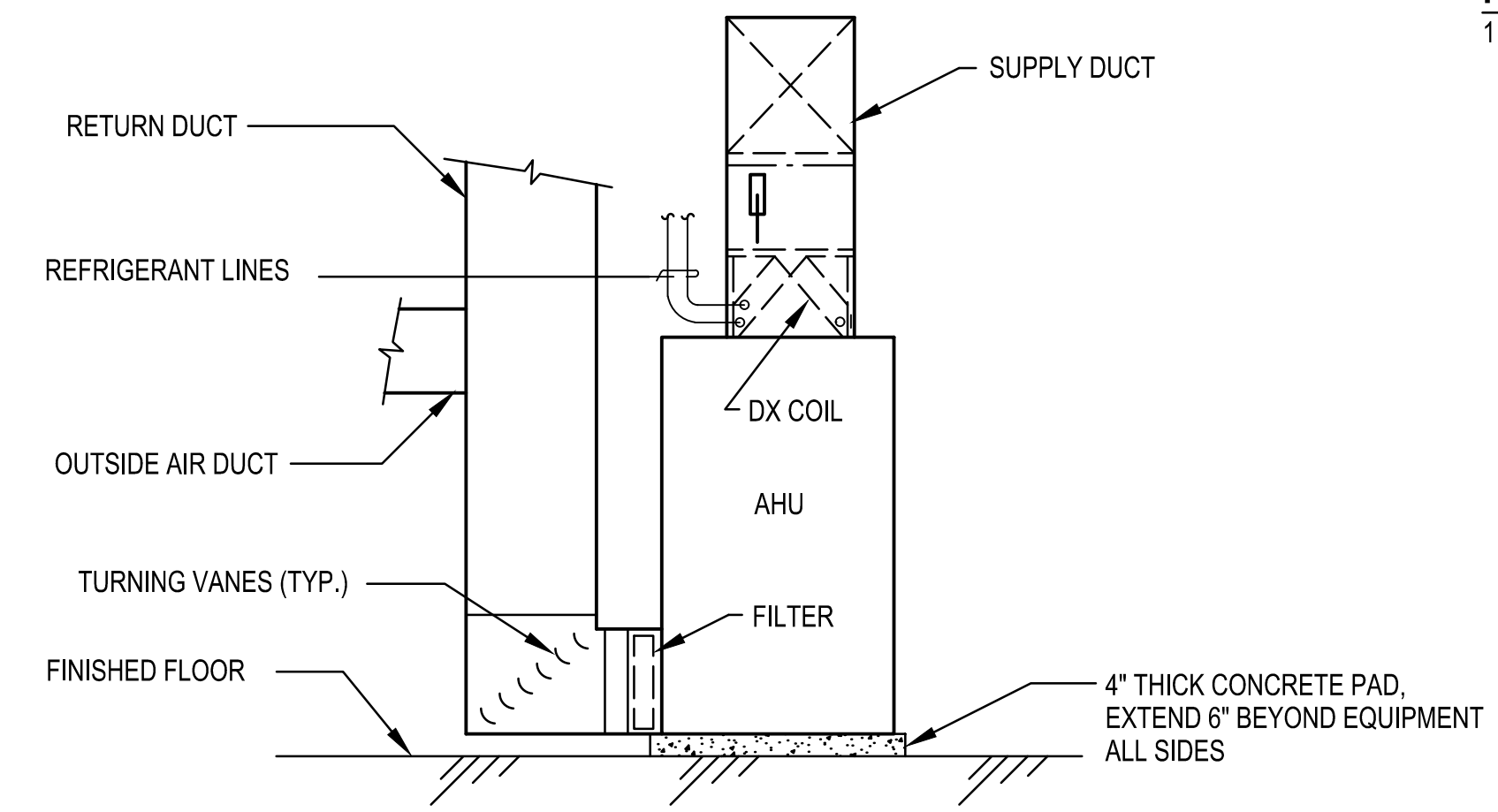
SHEET **M-1.01** OF



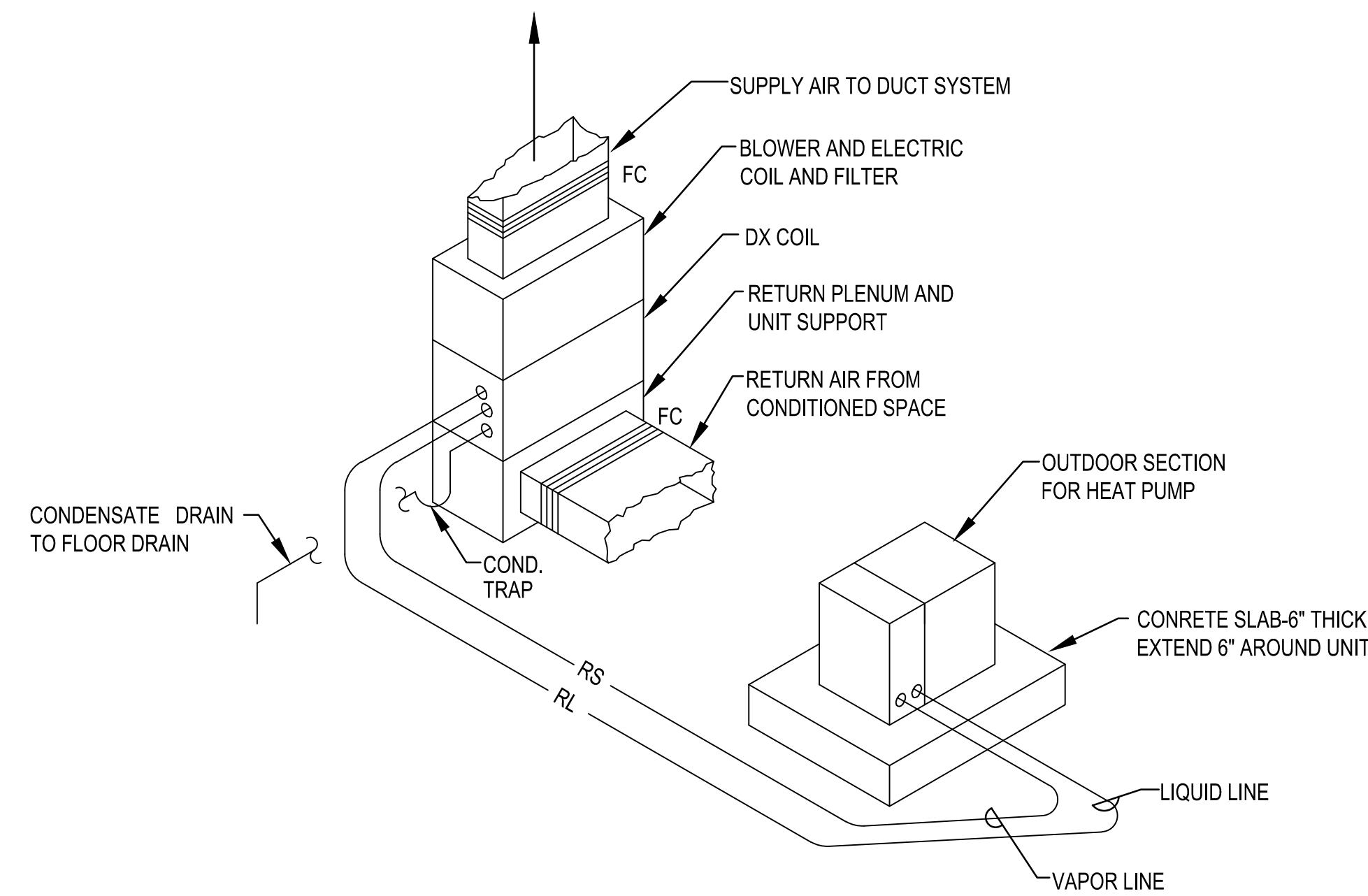
1 DIRECT INLINE FAN DETAIL
SCALE: NONE



2 CEILING MOUNDED EXHAUST FAN DETAIL
SCALE: NONE

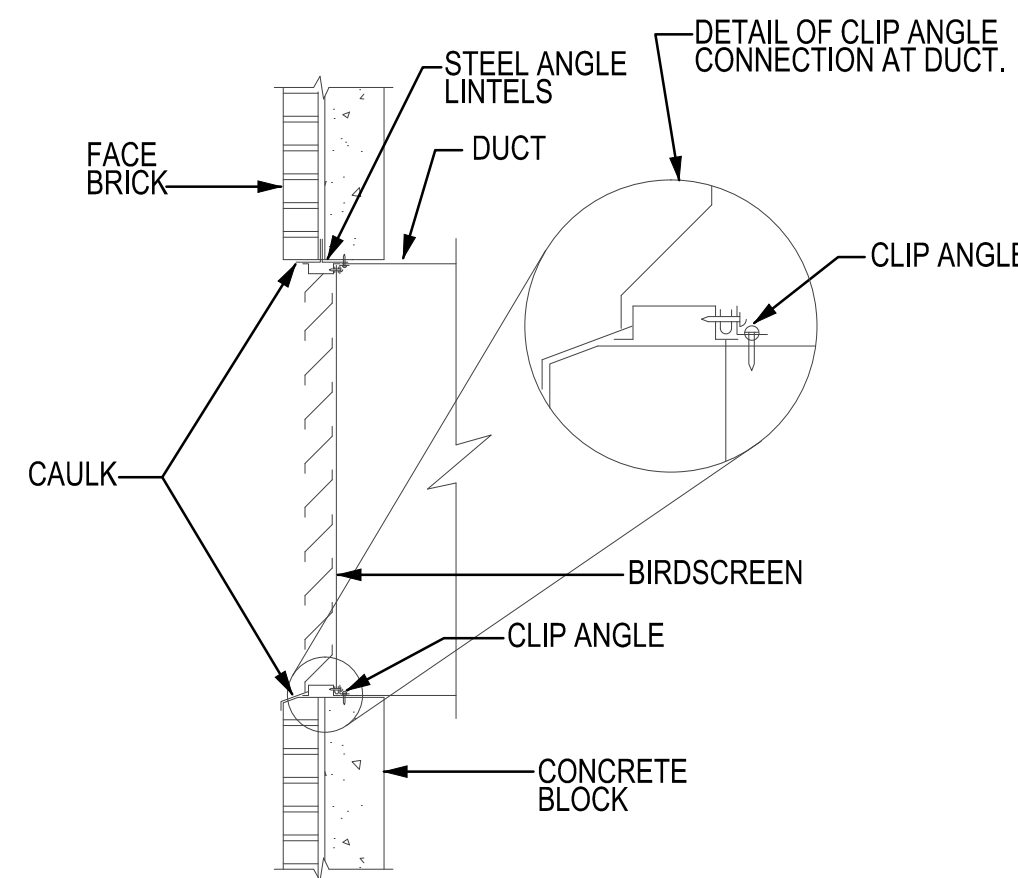


5 VERTICAL INDOOR SPLIT SYSTEM AIR HANDLER DETAIL
SCALE: NONE



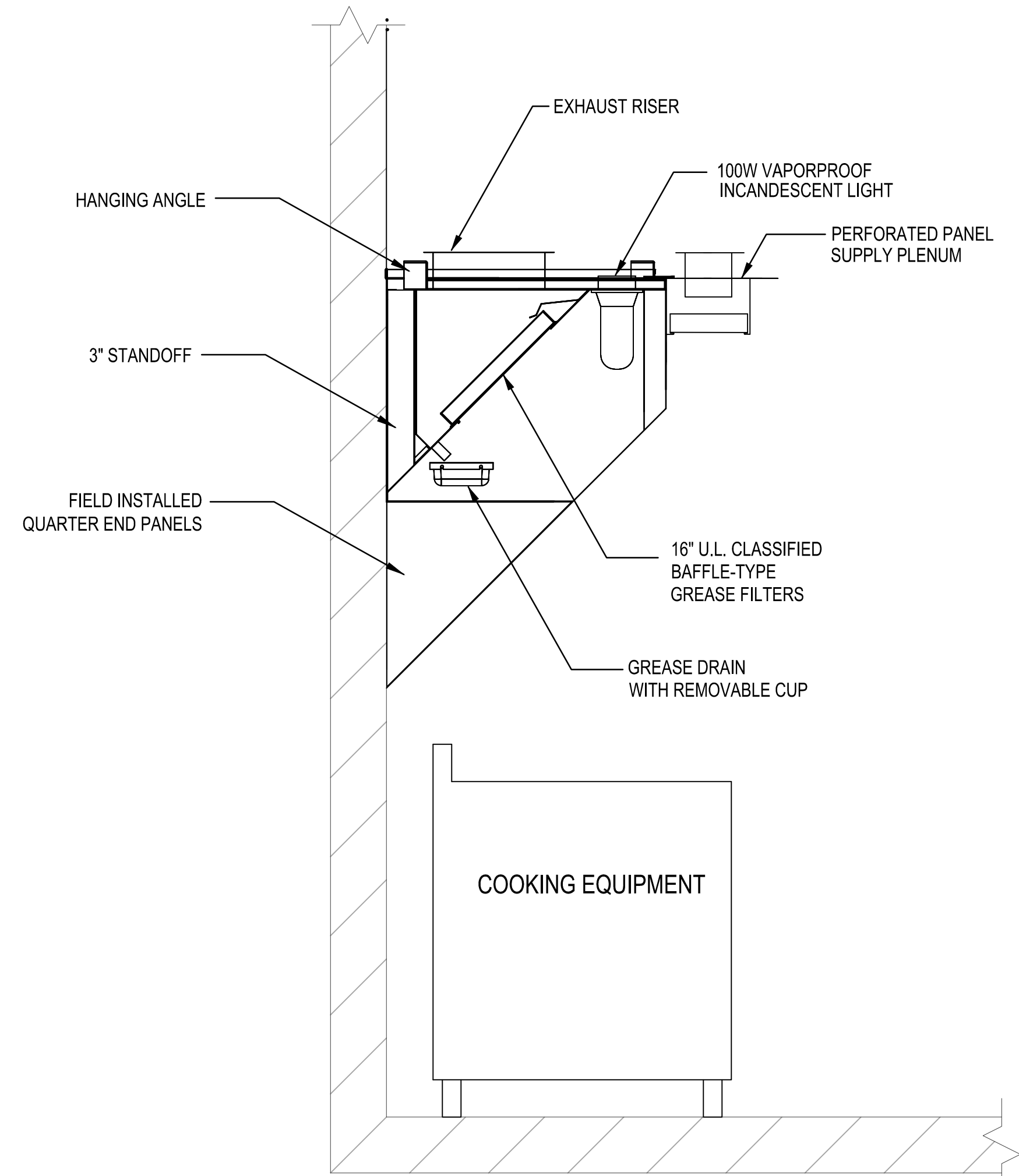
NOTE:
1. SEE SHEET M-1.01 FOR OUTDOOR AIR DUCT CONNECTIONS

3 SPLIT SYSTEM HEAT PUMP DETAIL
SCALE: NONE



INSTALLATION NOTES:
1. OVERALL SIZE OF OPENING SHOULD BE 1/4\"/>

4 LOUVER MOUNTING DETAIL (TYP.)
SCALE: NONE



7 KITCHEN HOOD DETAIL
SCALE: NONE

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

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PRICING SET	ADDENDUM #1	ADDENDUM #3	ADDENDUM #4	BUILDING PLAN REVIEW	REVISION
04-19-2017	04-26-2017	06-06-2017	08-11-2017	08-21-2017	
MDC	MDC	MDC	MDC	MDC	BY
					DATE

20 June 2017
SEAL
GEORGIA
No. 28338
PROFESSIONAL
ENGINEER
WILLIAM B. HEYWARD

City of
Dunwoody
PROJECT
BASEBALL FACILITIES AT
BROOK RUN PARK

DESIGNED	DRAWN	CHECKED	DATE	SCALE	AS SHOWN
DF	DJB	WBH			
PROJECT NO.	C-1810-10				
DRAWING TITLE	HVAC DETAILS				

SHEET OF
M-5.01

RAC #: 1700200

EXHAUST FAN SCHEDULE

MARK	SERVICE	TYPE	CFM	ESP INWC	DRIVE	FAN MOTOR		MANUFACTURER	REMARKS/ACCESSORIES
						WATTS	V/PH/Hz	GREENHECK	
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.
- PROVIDE BACKDRAFT DAMPER AND UNIT MOUNTED DISCONNECT.
- PROVIDE WITH FROSTED LENS LIGHTED GRILLE AND COMPACT FLUORESCENT LIGHT.

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	FAMILY TLT	INTAKE	12	12	70	750	57	ELF6375DXH	1, 2

REMARKS/ACCESSORIES:

- PROVIDE BIRD & INSECT SCREEN.
- CORROSION RESISTANT CONSTRUCTION.

SPLIT SYSTEM (AIR HANDLING UNIT/HEAT PUMP) SCHEDULE

MARK	SERVICE	FAN SECTION					COOLING COIL SECTION				HEATING SECTION			HEAT PUMP					REMARKS/ACCESSORIES				
		SUPPLY AIR CFM	OUTDOOR AIR CFM	E.S.P. IN. WG.	MOTOR H.P.	VOLT/PH	TOTAL CAPACITY MBTU	SENSIBLE CAPACITY MBTU		EAT °F		OUTSIDE AIR TEMP °F	AUXILIARY HEAT KW	VOLT/PH	MARK	SERVES	OUTDOOR AIR TEMP °F	TOTAL COOLING CAPACITY BTUH		TOTAL HEATING CAPACITY BTUH	SEER/EER/HSPF	VOLT/PH	
								DB	WB	DB	WB												
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:

- PROVIDE FUSED DISCONNECT FOR FAN COIL UNIT AND CONDENSING UNIT.
- FAN COIL UNIT AND CONDENSING UNIT SHALL BE INTERLOCKED.
- 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/ACCESSORIES
A	CEILING SUPPLY DIFFUSER	24 x 24	SEE PLANS	ALUMINUM	TITUS TMSA	1,2
B	CEILING RETURN GRILLE	24 x 24	SEE PLANS	ALUMINUM	TITUS 355-FL	1,2
C	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	

REMARKS/ACCESSORIES:

- SURFACE MOUNT.
- PROVIDE WITHOUT BALANCING DAMPER.

KITCHEN EXHAUST FAN / MAKEUP AIR FAN SCHEDULE

MARK	SERVICE	TYPE	CFM	ESP INWC	DRIVE	FAN MOTOR		MANUFACTURER	REMARKS/ACCESSORIES
						HP	V/PH/Hz	CAPTIVEAIRE	
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.
- PROVIDE WALL SLEEVE.
- SPEED CONTROL AND DISCONNECT.
- INTERLOCK OPERATION OF FANS HEF-1 AND MAF-1.

KITCHEN EXHAUST HOOD SCHEDULE

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

NOTES:

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

ACCESSORIES:

- COMPLETE AUTOMATIC WET FIRE PROTECTION SYSTEM
- STAINLESS STEEL CONSTRUCTION.
- ALUMINIZED STEEL CONSTRUCTION WITH BAKED ENAMEL FINISH.
- VAPOR PROOF INCANDESCENT LIGHTS MOUNTED UNDER GLASS WITH STEEL ENCLOSURES.
- GREASE EXTRACTOR FILTERS U.L. CLASSIFIED.
- HOOD MOUNTED CONTROLS FACTORY SUPPLIED.
- MANUAL START/STOP SWITCH WITH INDICATOR LIGHT.
- FAN DISCONNECT SWITCH.
- 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.

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04-19-2017	04-26-2017	06-06-2017	08-11-2017	08-21-2017	DATE
MDC	MDC	MDC	MDC	MDC	BY
					SYMBOL

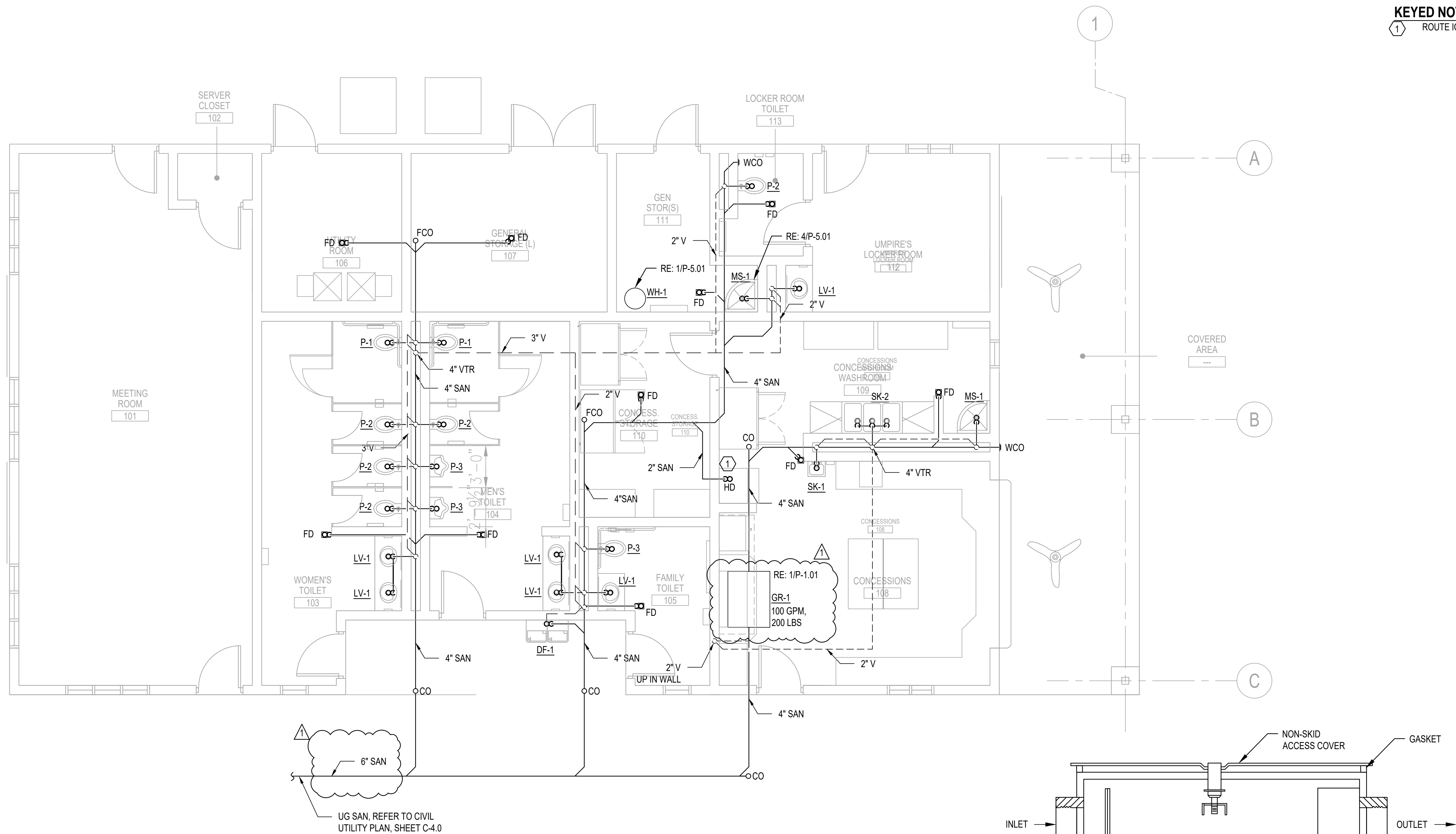


City of **Dunwoody**
 PROJECT: BASEBALL FACILITIES AT BROOK RUN PARK

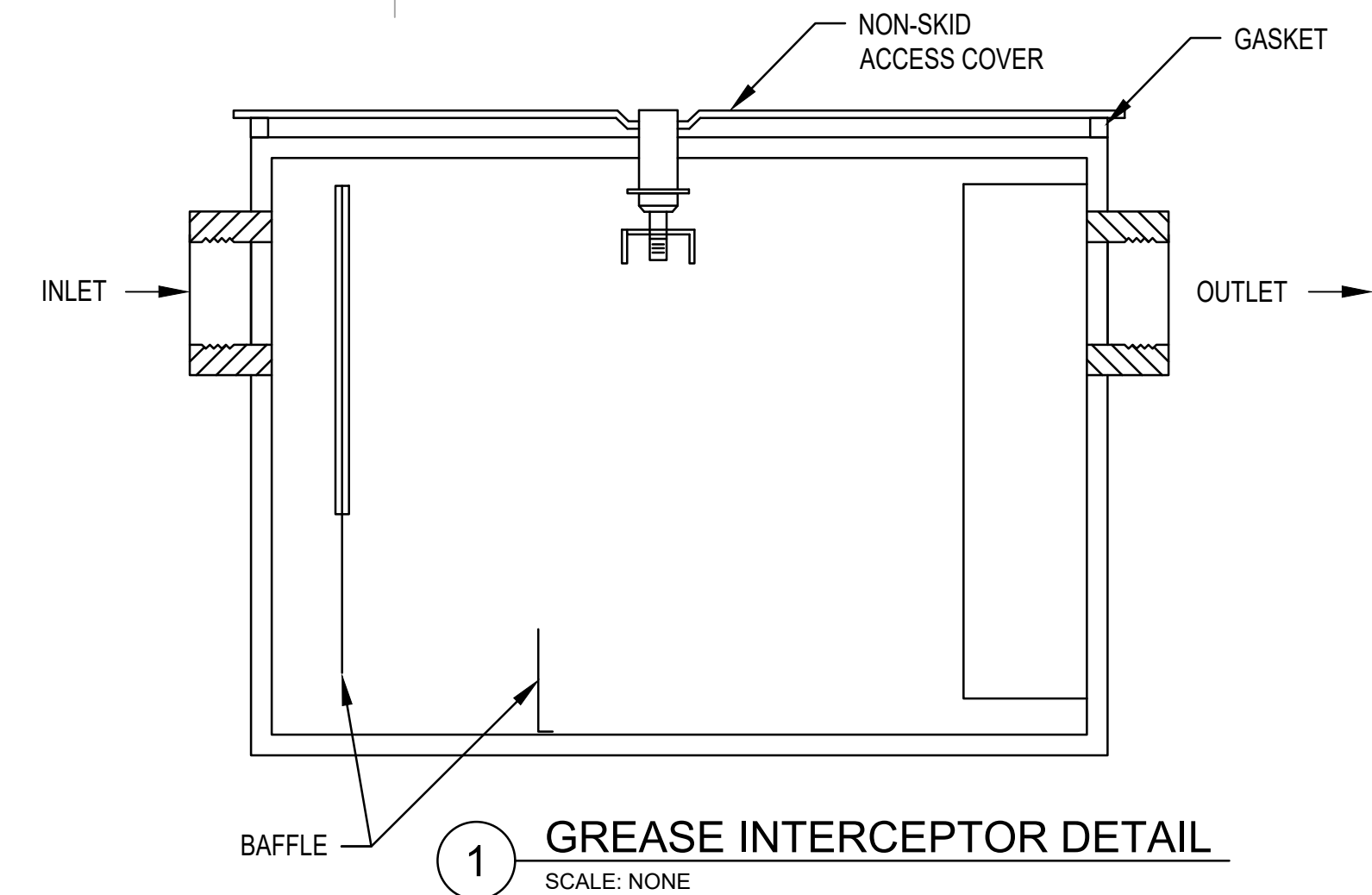
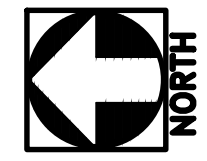
DESIGNED	DRAWN	CHECKED	DATE
DF	DJB	WBH	SCALE
PROJECT NO.	C-1810-10	DRAWING TITLE	HVAC EQUIPMENT SCHEDULES
			AS SHOWN

SHEET **M-6.01** OF

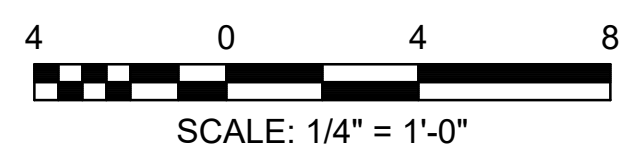
RAC #: 1700200



1 FIELDHOUSE SANITARY WASTE PLAN
 P-101 SCALE: 1/4" = 1'-0"



1 GREASE INTERCEPTOR DETAIL
 SCALE: NONE



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

KEYED NOTES:
 ① ROUTE ICE MAKER DRAIN TO HUB DRAIN.

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PRICE SET	ADDENDUM #1	ADDENDUM #3	ADDENDUM #4	BUILDING PLAN REVIEW	REVISION
04-12-2017					
04-26-2017					
05-05-2017					
05-11-2017					
06-21-2017					
08-16-2017					
SYMBOL	DATE	BY	REVISION		
1			DETAILED BUILDING REVIEW COMMENTS		

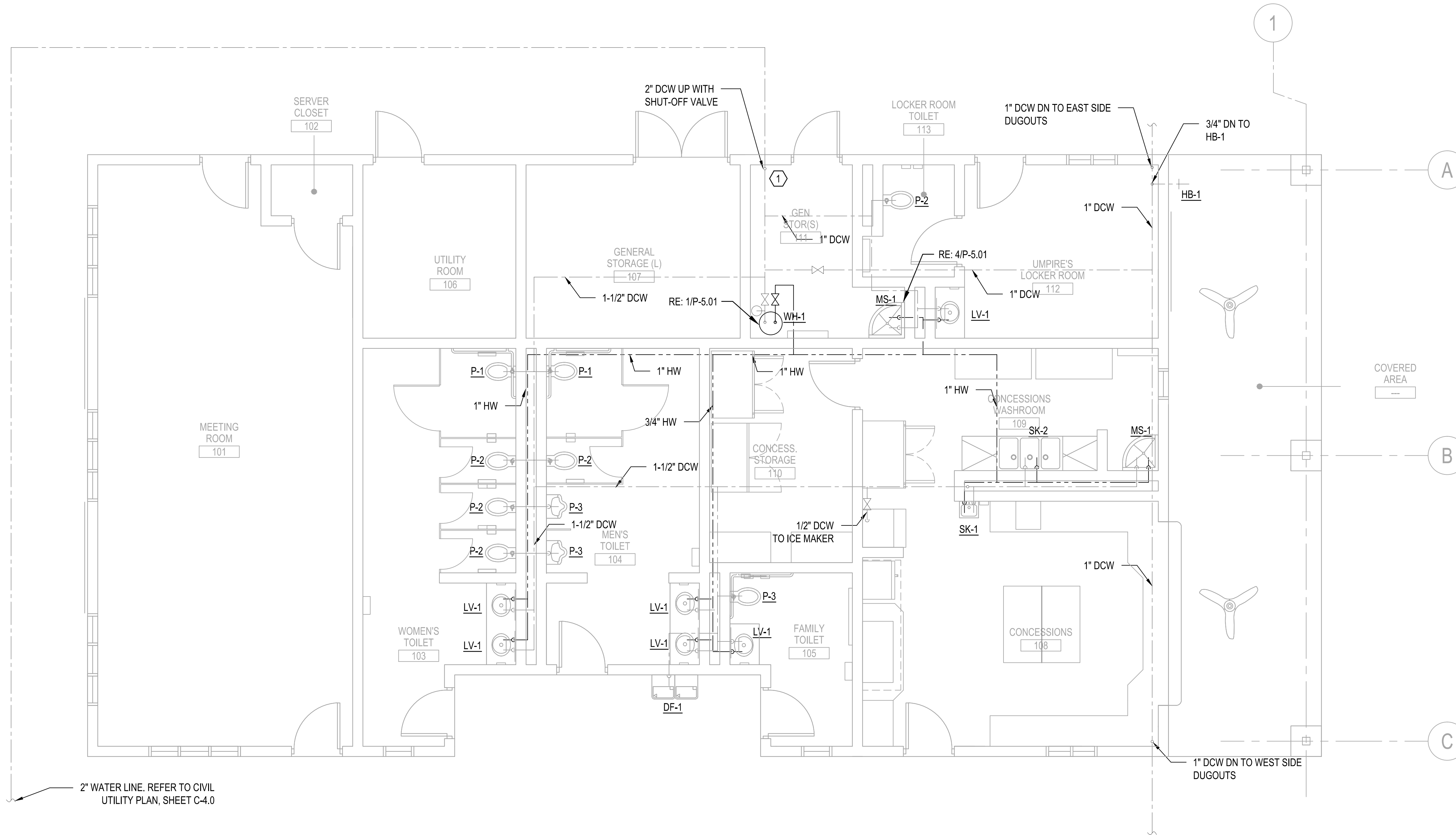


City of **Dunwoody**
 PROJECT: BASEBALL FACILITIES AT BROOK RUN PARK

CLIENT: City of Dunwoody
 PROJECT: BASEBALL FACILITIES AT BROOK RUN PARK
 DRAWING TITLE: FIELDHOUSE SANITARY WASTE PLAN
 SCALE: AS SHOWN

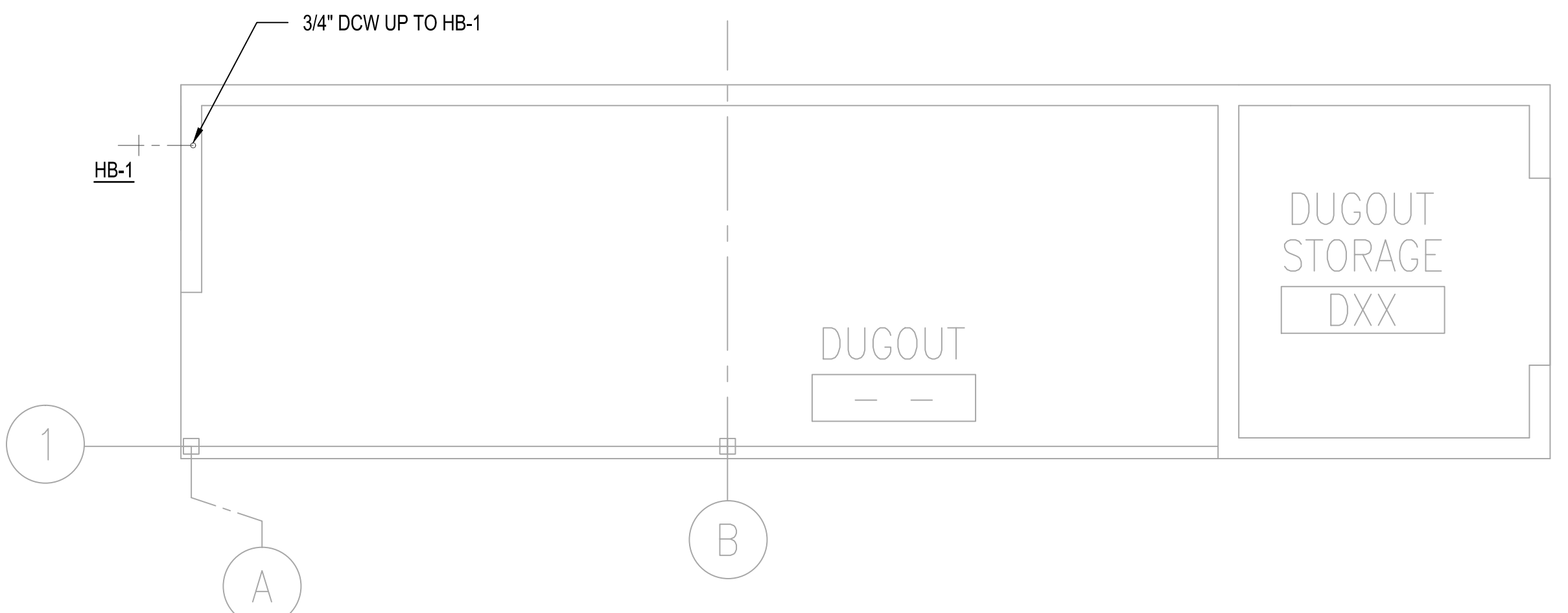
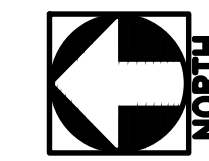
DRAWING NO. P-1.01
 SHEET OF

RAC #: 1700200



2" WATER LINE. REFER TO CIVIL UTILITY PLAN, SHEET C-4.0

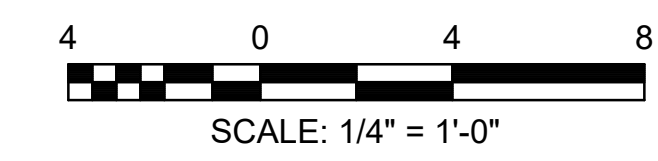
1 FIELDHOUSE WATER SUPPLY PLAN
P-102 SCALE: 1/4" = 1'-0"



2 TYPICAL DUGGOUT WATER SUPPLY PLAN
P-102 SCALE: 1/4" = 1'-0"

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

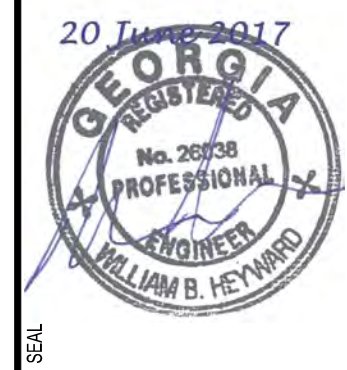
- KEYED NOTES:**
- COORDINATE LOCATION OF DOMESTIC WATER RISER WITH INCOMING FIRE SPRINKLER PIPING.



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MDC	MDC	MDC	MDC	MDC	BY
04-19-2017	04-26-2017	05-05-2017	05-11-2017	05-21-2017	DATE
					BY
					DATE
					BY
					DATE

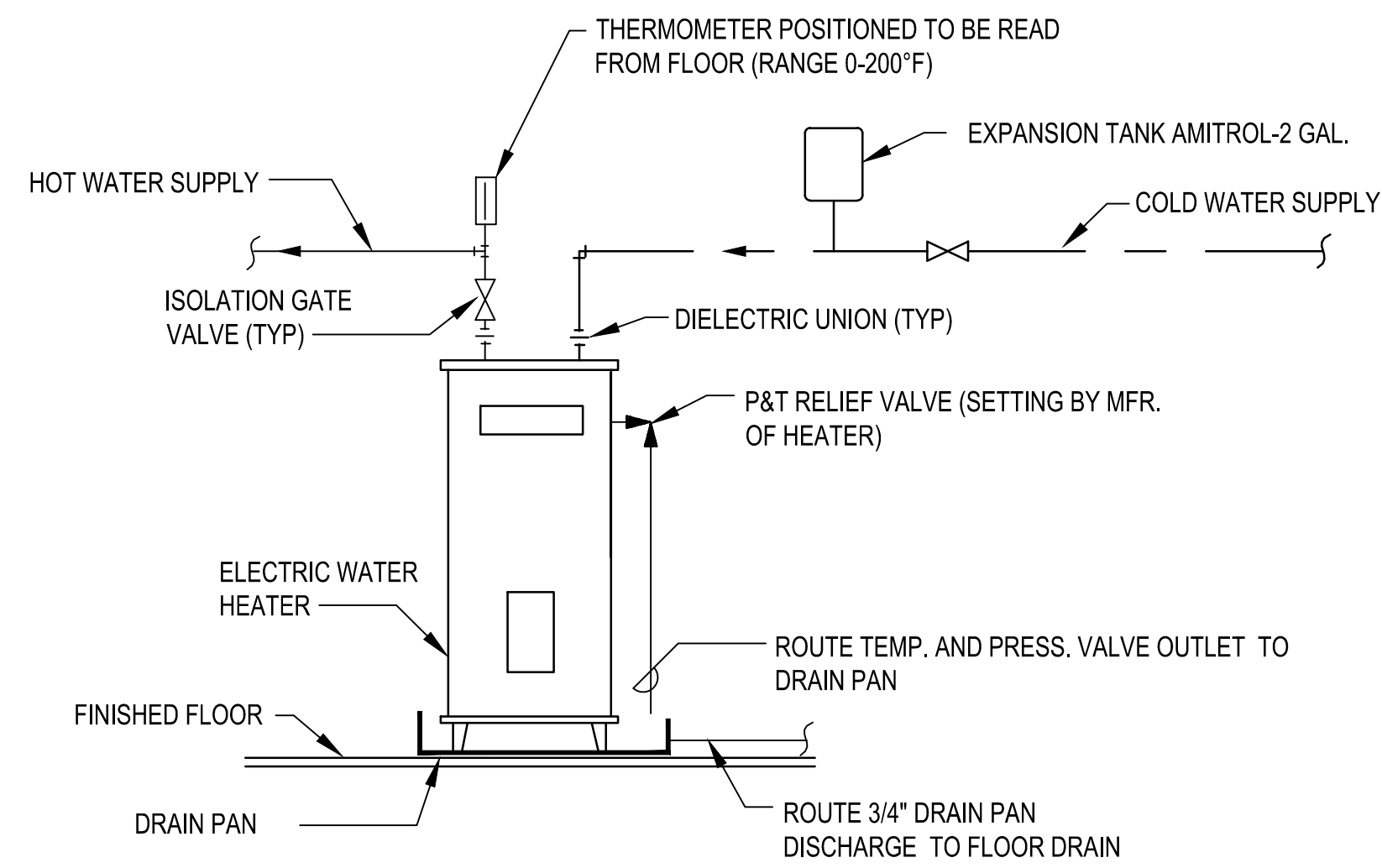


City of **Dunwoody**
BASEBALL FACILITIES AT
BROOK RUN PARK

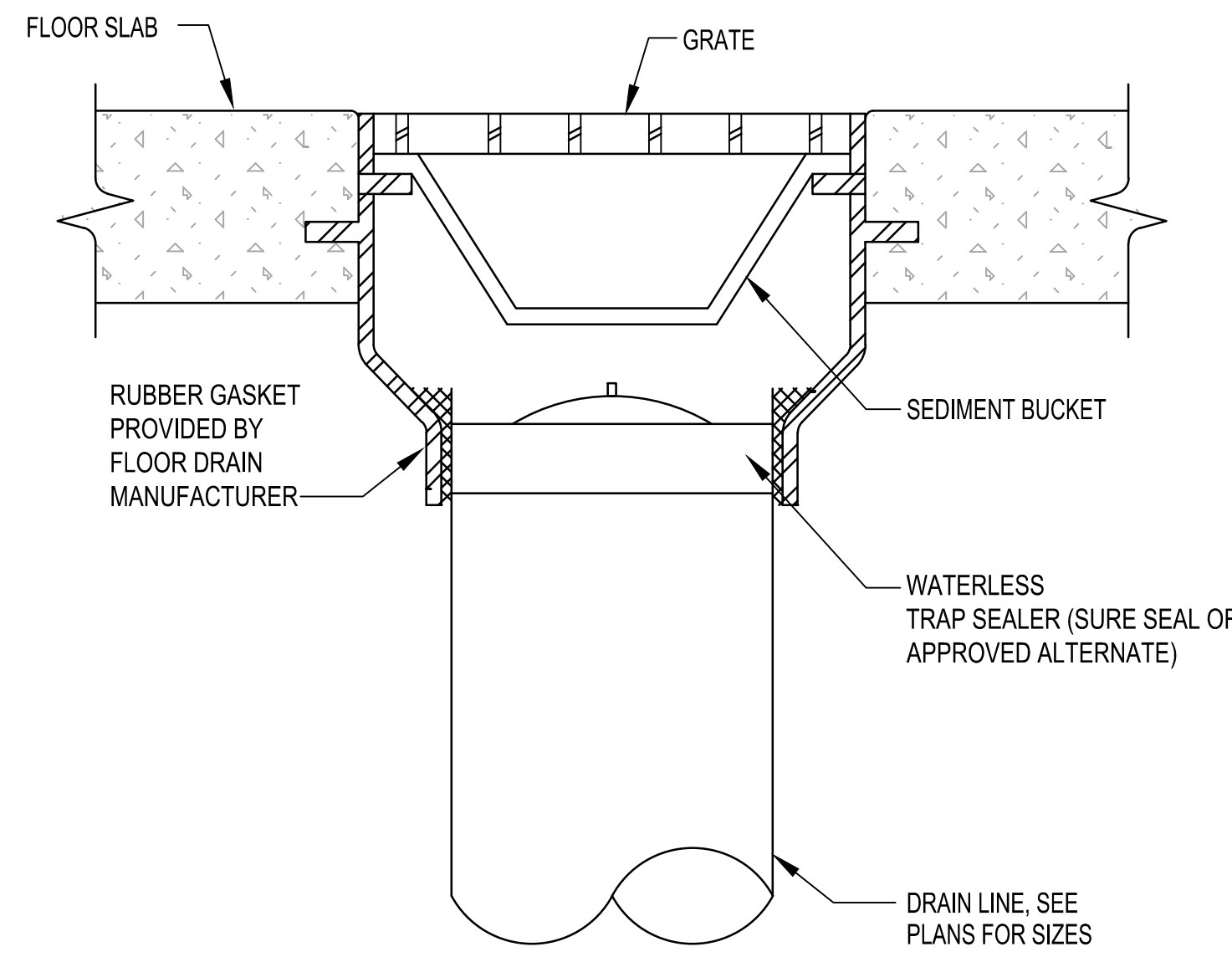
DESIGNED	DRAWN	CHECKED	DATE
DF	DJB	WBH	
PROJECT NO.	SCALE	AS SHOWN	
C-1610-10			
DRAWING TITLE	FIELDHOUSE & DUGOUT WATER SUPPLY PLAN		

SHEET **P-1.02** OF

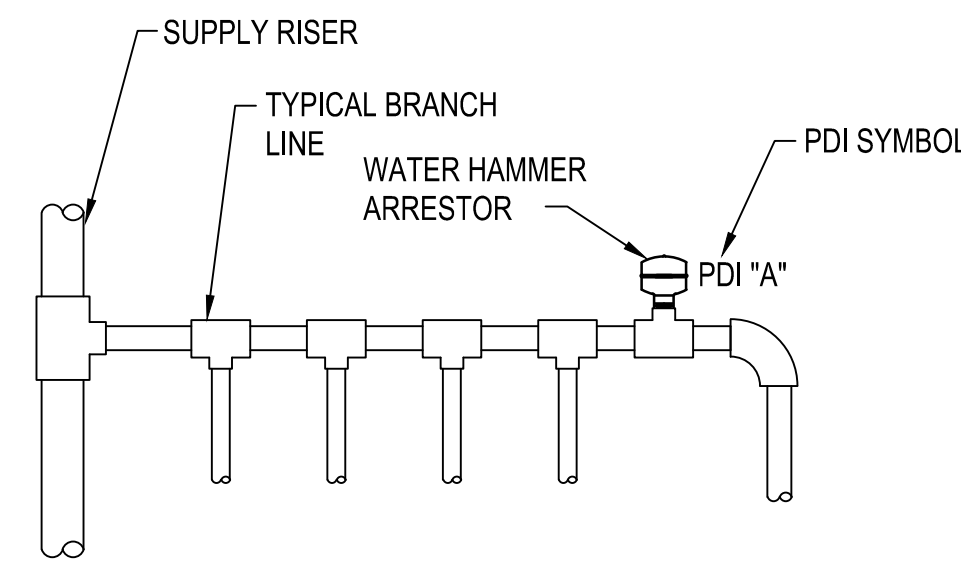
RAC #: 1700200



1 ELECTRIC WATER HEATER DETAIL
SCALE: NONE



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

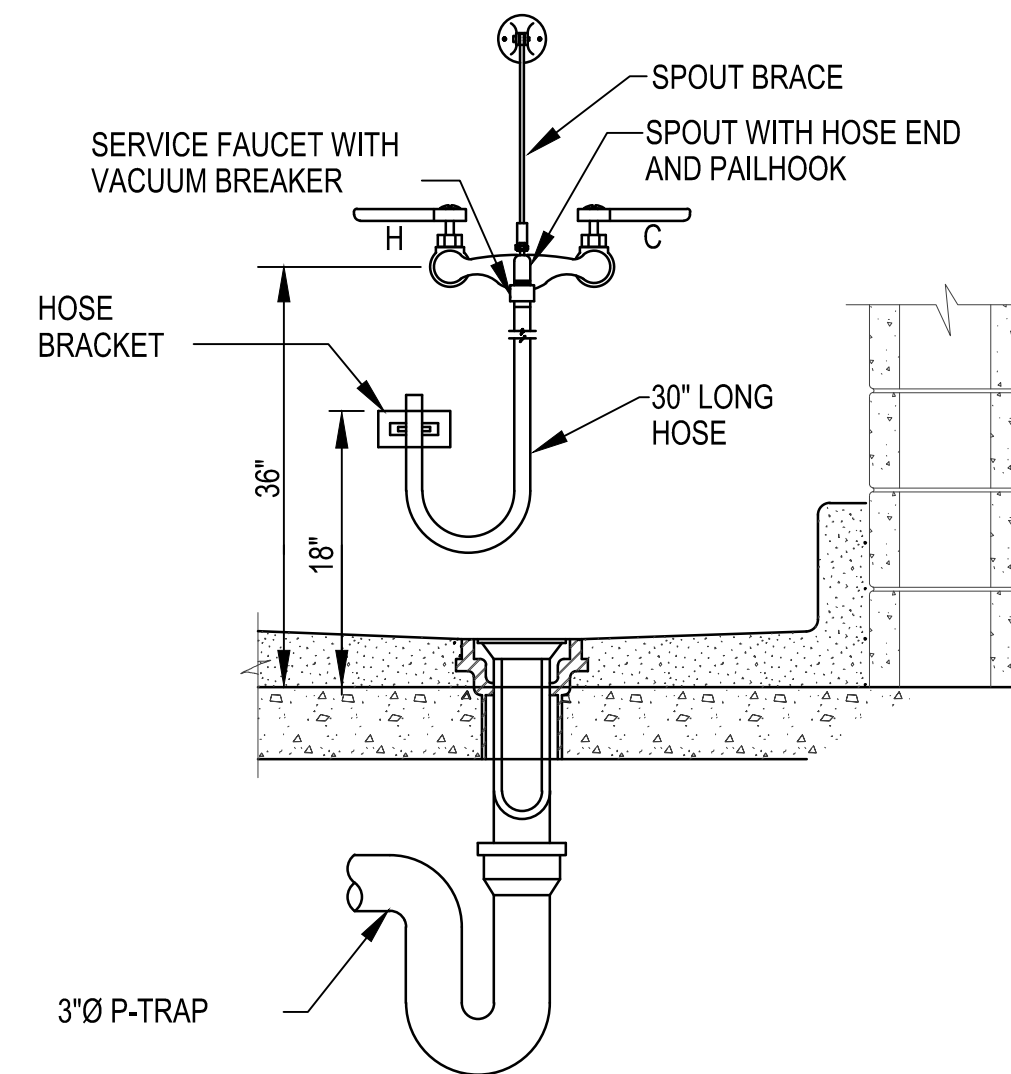


NOTES:

- PREFERRED INSTALL WATER HAMMER ARRESTORS AT THE END OF BRANCH LINE BETWEEN THE LAST TWO FIXTURES SERVED.
- ONE WATER HAMMER ARRESTOR PER 20' LINE, AND ANOTHER FOR BRANCHES OVER 20' IN LENGTH.
- 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	B	C	D	E	F
FIXTURE UNIT RATING	1-11	12-32	33-60	61-113	114-154	155-330

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



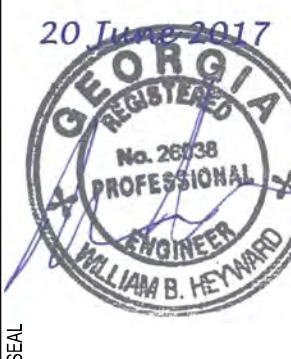
4 MOP SINK DETAIL
SCALE: NONE

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

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04-19-2017	04-26-2017	05-06-2017	05-11-2017	06-21-2017	
MDC	MDC	MDC	MDC	MDC	BY
					DATE
					SYMBOL



City of **Dunwoody**
PROJECT: **BASEBALL FACILITIES AT BROOK RUN PARK**

DESIGNED	DRAWN	CHECKED	DATE	SCALE
DF	DJB	WBH		AS SHOWN
PROJECT NO.	C-1610-10	PLUMBING DETAILS		
DRAWING TITLE				
DRAWING NO.	P-5.01			
SHEET	OF			

RAC #: 1700200

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

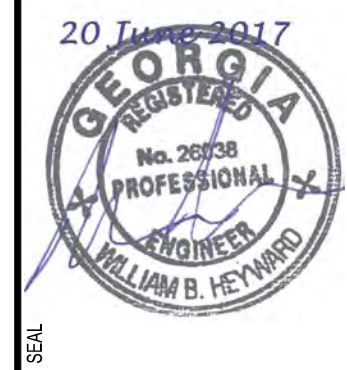
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ELECTRIC WATER HEATER SCHEDULE											
UNIT NUMBER	LOCATION	TYPE	CAPACITY (GAL)	RECOVERY GPH @ 80°F	KW TOTAL	NUMBER OF ELEMENTS	KWELEMENT	ELECTRICAL		DESIGN BASIS	REMARKS
								VOLTS	PHASE		
WH-1	UTILITY ROOM	STORAGE ELECTRIC	40	62	12.0	2	6.0	480	3	BRADFORD WHITE RE340S6	1
1. ELEMENTS CONTROLLED FOR DUAL SIMULTANEOUS OPERATION.											

PLUMBING FIXTURE SCHEDULE						
UNIT	DESCRIPTION	COLD	HOT	WASTE	VENT	REMARKS
DF-1	DRINKING FOUNTAIN	1/2"	1/2"	1-1/2"	1-1/4"	MDS #10485 WMSS, STAINLESS STEEL OUTDOOR COMBINATION H/LO DRINKING FOUNTAIN WITH BOTTLE FILLER, MUSHROOM STYLE PUSH BAR, WALL MOUNTING PLATE.
GR-1	GREASE INTERCEPTOR	-	-	4"	2"	JOSAM 60110H, 100 GPM, RECESSED TYPE, INSTALLED FLUSH MOUNTED WITH FLOOR, WITH GASKETED NON-SKID TRAFFIC RATED ACCESS COVER.
HB-1	HOSE BIBB	3/4"	-	-	-	ZURN #1345, EXPOSED NON-FREEZE WALL FAUCET, ANTI-SIPHON VACUUM BREAKER, AUTOMATIC 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 STAINLESS STEEL BATHROOM SINK, LK174 DRAIN FITTING. FAUCET: ELKAY #LK656 METERED DECK MOUNT, TWO HANDLE PUSH 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, 832-AA-HOSE AND BRACKET, 1453-BB-STRAINER. CHICAGO No. 540-LD897SWXFCP FAUCET WITH VACUUM BREAKER AND WALL 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 MOUNTED ELONGATED BOWL, SIPHON JET, 1.28 GPF, TOP SPUD TOTO MODEL TET1LN32CP (1-1/2" VACUUM BREAKER) HIGH-EFFICIENCY TOILET ECOPOWER FLUSHOMETER VALVE (1.28 GPF) CHURCH No. 255. OPEN FRONT SEAT LESS COVER. JR SMITH 0210 CARRIER.
P-3	URINAL	3/4"	-	2-1/2"	2"	AMERICAN STD. ALLBROOK FLO WISE No. 6550.001.020. WALL MOUNTED INCLUDING STRAINER, SIPHON JET, 0.5 GPF, TOP SPUD TOTO MODEL TEU1LN12CP (3/4" VACUUM BREAKER) HIGH EFFICIENCY URINAL ECOPOWER FLUSHOMETER VALVE (0.5 GPF) MOUNT FIXTURE RIM AT 17" AFF.
SK-1	HAND SINK	1/2"	1/2"	1-1/4"	1-1/4"	ELKAY EHS-14X ECONOMY SERIES WALL MOUNTED HAND SINK, 14"X16-1/2", 6" BACKSPASH, WITH 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, STAINLESS STEEL, 16"X20"X14" SINK, 24" LEFT AND RIGHT DRAINBOARDS, 9" BACKSPASH, ADJUSTABLE FEET. FAUCET: ELKAY LK940HA10TAH, 2-HOLE WALL MOUNT WITH HIGH ARC SWING SPOUT, 4" WRISTBLADE HANDLES.

DATE	BY	REVISION
04-19-2017	MDC	PRICING SET
04-26-2017	MDC	ADDENDUM #1
06-06-2017	MDC	ADDENDUM #3
06-11-2017	MDC	ADDENDUM #4
06-21-2017	MDC	BUILDING PLAN REVIEW



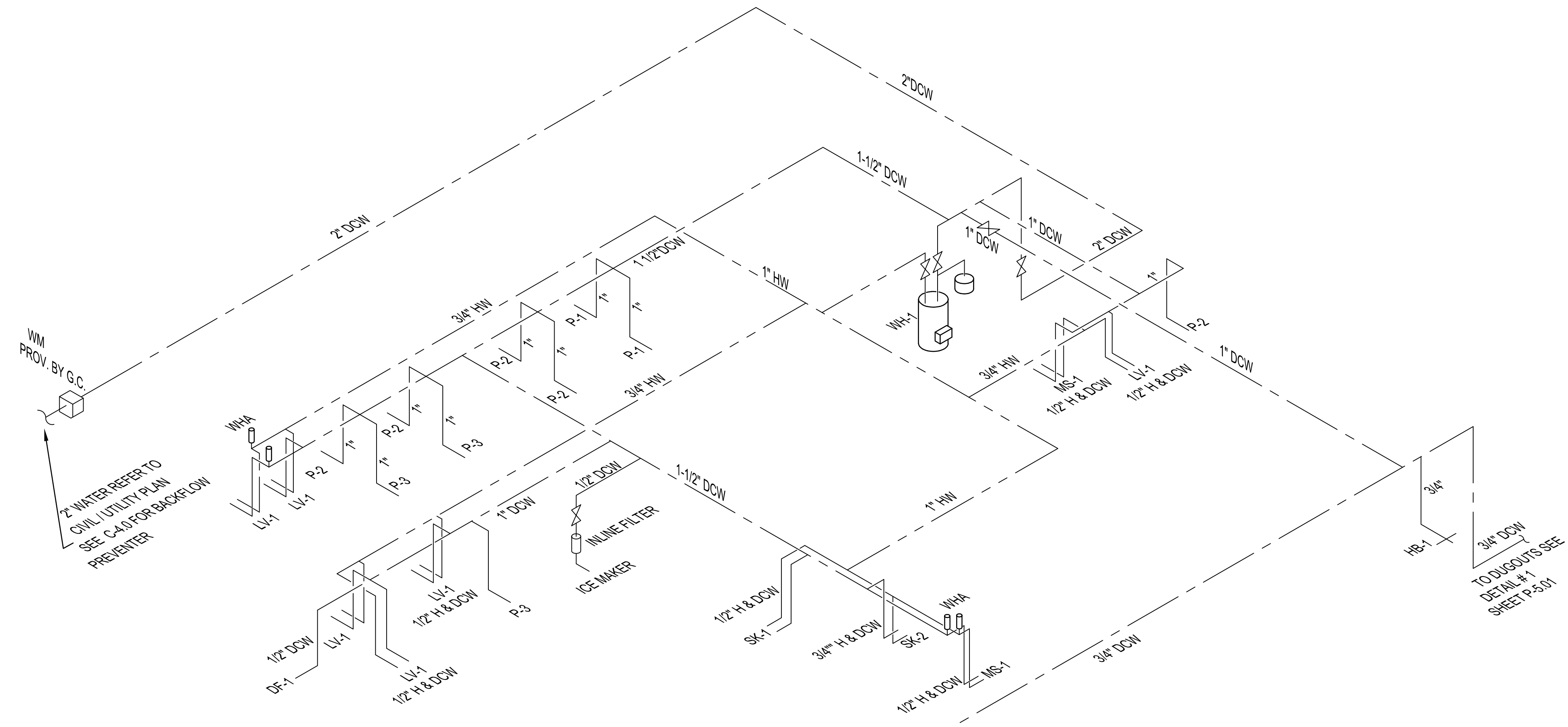
CLIENT: **City of Dunwoody**
 PROJECT: **BASEBALL FACILITIES AT BROOK RUN PARK**

DESIGNED: DF
 DRAWN: DJB
 CHECKED: WBH
 DATE: AS SHOWN
 SCALE: AS SHOWN
 PROJECT NO: C-1610-10
 DRAWING TITLE: PLUMBING EQUIPMENT SCHEDULES

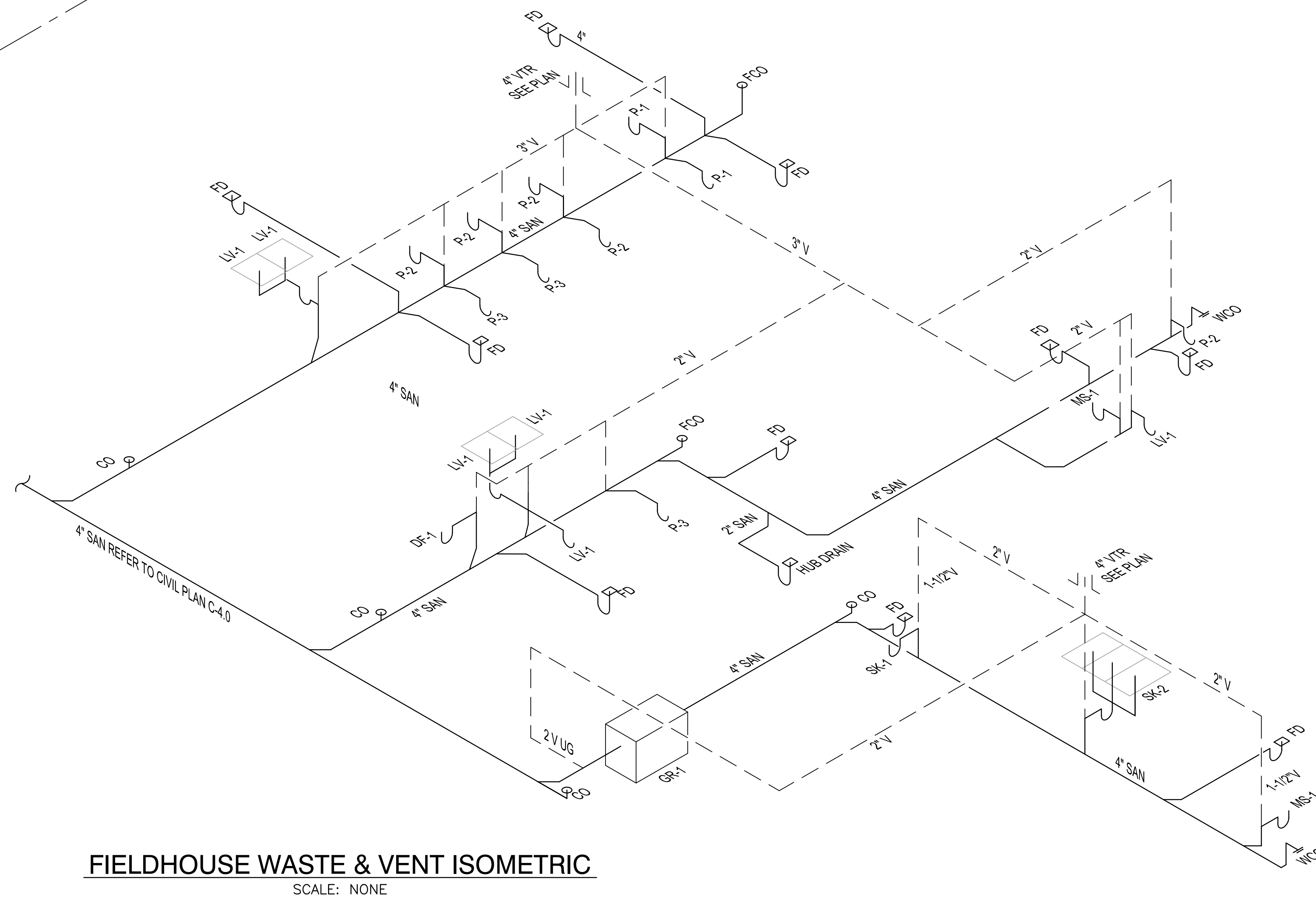
DRAWING NO. **P-6.01**
 SHEET OF

RAC #: 1700200

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



FIELDHOUSE WATER SUPPLY ISOMETRIC
 SCALE: NONE



FIELDHOUSE WASTE & VENT ISOMETRIC
 SCALE: NONE

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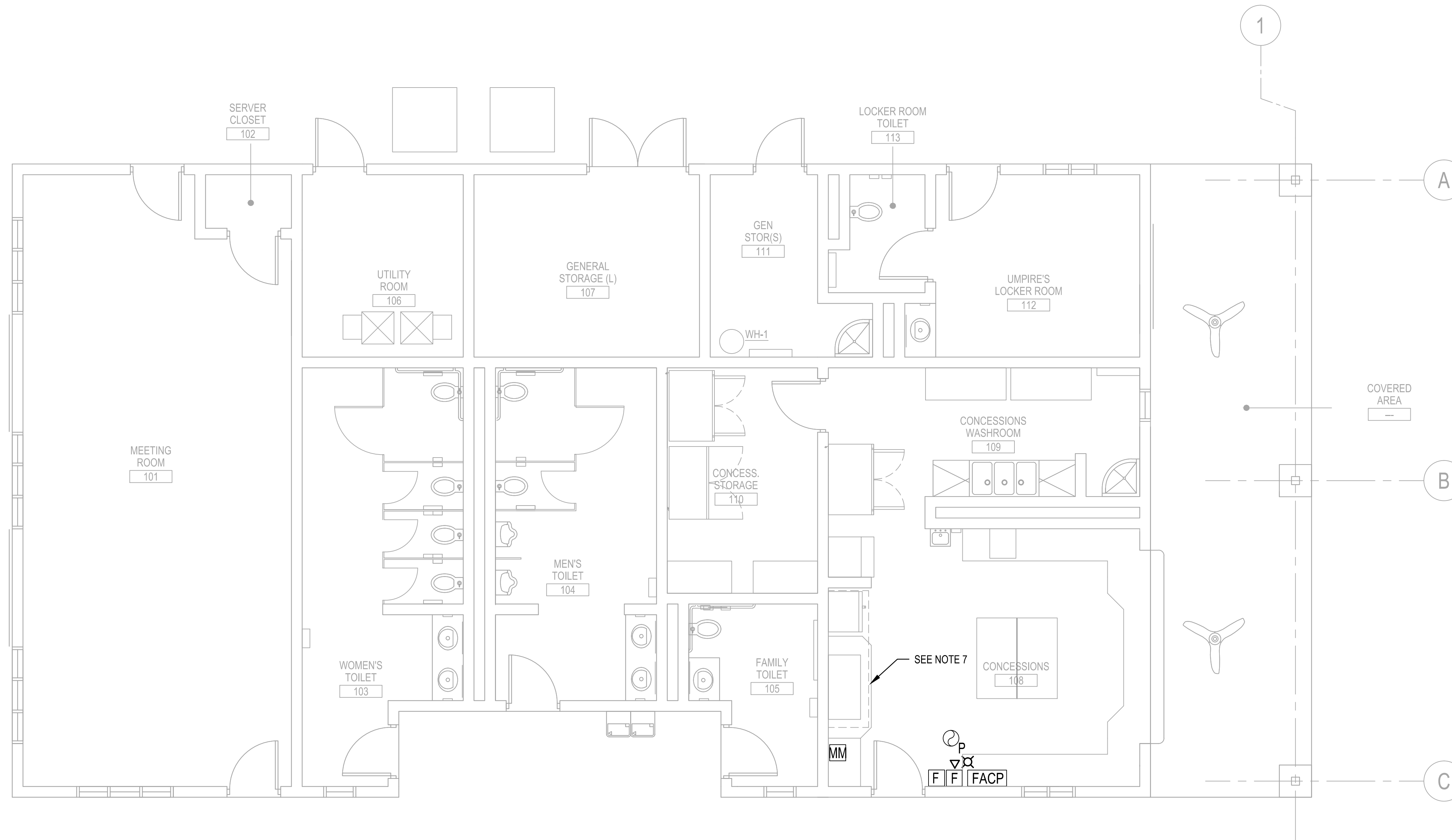
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04-18-2017	04-26-2017	05-05-2017	05-11-2017	06-21-2017	
MDC	MDC	MDC	MDC	MDC	BY
					DATE
					SYMBOL

20 **Professional Seal**
GEORGIA
 No. 28258
 PROFESSIONAL ENGINEER
 WILLIAM B. HEYWARD

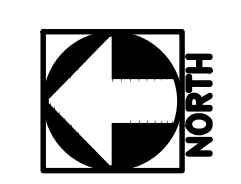
CLIENT **City of Dunwoody**
 PROJECT **BASEBALL FACILITIES AT BROOK RUN PARK**

DESIGNED	DF	DRAWN	DJB	CHECKED	WBH	DATE	SCALE	AS SHOWN
PROJECT NO.	C-1610-10			DRAWING TITLE				
FIELDHOUSE SANITARY AND DOMESTIC WATER ISOMETRIC								
DRAWING NO. P-9.01								
SHEET OF								

RAC # 1700200



1 FIELDHOUSE FIRE ALARM PLAN
M-101 SCALE: 1/4" = 1'-0"



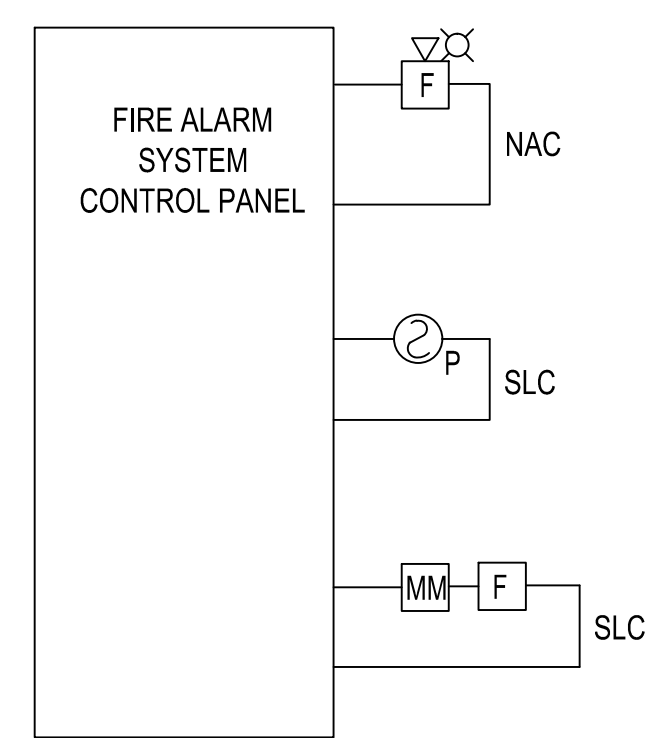
- NOTES:**
- CONTRACTOR SHALL INSTALL THE FIRE ALARM SYSTEM IN ACCORDANCE WITH NFPA 72, AND THE SPECIFICATIONS.
 - DEVICES ARE SHOWN IN SUGGESTED LOCATIONS. FINAL QUANTITY AND LAYOUT OF DEVICES SHALL BE IN ACCORDANCE WITH APPLICABLE CODES, MANUFACTURER'S RECOMMENDATIONS, AND EQUIPMENT LISTINGS.
 - ALL FIRE ALARM CONDUCTORS SHALL BE SUPPLIED BY THE FIRE ALARM CONTRACTOR.
 - SMOKE SENSORS SHALL NOT BE LOCATED IN A DIRECT AIRFLOW, NOR CLOSER THAN 3FT. FROM AN AIR SUPPLY DIFFUSER OR RETURN AIR OPENING.
 - ALL AUDIBLE APPLIANCES WITHIN THE PROJECT AREA AND ALL VISUAL APPLIANCES WITHIN THE SAME ROOM SHALL BE SYNCHRONIZED.
 - EFFECTIVE INTENSITY OF ALL VISUAL ANNUNCIATION DEVICES SHALL BE 75 CANDELA UNLESS NOTED OTHERWISE.
 - 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

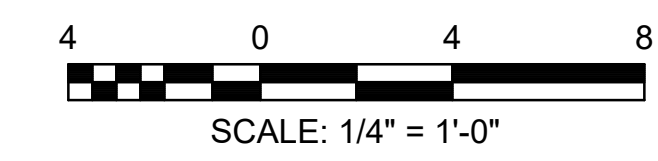
- FIRE ALARM PULL STATION
- FIRE ALARM HORN & STROBE COMBO
- PHOTOELECTRIC SMOKE DETECTOR
- FIRE ALARM CONTROL PANEL
- MONITORING MODULE (ADDRESSABLE)

SYSTEM INPUTS	ANNUNCIATION AT LOCAL PANELS				TRANSMIT SIGNALS TO FIRE DEPARTMENT			
	A	B	C	D	E	F	G	H
FIRE ALARMS								
MANUAL FIRE ALARM STATIONS	X			X			X	
SPOT-TYPE SMOKE DETECTORS	X			X			X	
HOOD WET CHEMICAL SYSTEM	X			X			X	
TROUBLE CONDITIONS								
LOW BATTERY VOLTAGE			X		X			
CIRCUIT FAULT		X	X		X			
SUPERVISED COMPONENT FAILURE			X		X			
AC POWER FAILURE			X		X			

2 FACILITY FIRE DETECTION & ALARM SYSTEM FUNCTIONAL MATRIX
M-101 SCALE: NONE



3 FIRE ALARM SYSTEM RISER DIAGRAM
M-101 SCALE: NONE



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PRICING SET	ADDENDUM #1	ADDENDUM #3	ADDENDUM #4	BUILDING PLAN REVIEW	REVISION
04-19-2017	MDC	MDC	MDC	MDC	DATE
04-26-2017	MDC	MDC	MDC	MDC	BY
05-05-2017	MDC	MDC	MDC	MDC	DATE
05-11-2017	MDC	MDC	MDC	MDC	BY
06-21-2017	MDC	MDC	MDC	MDC	DATE
					BY
					DATE

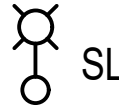
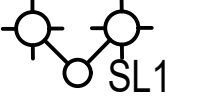

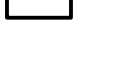
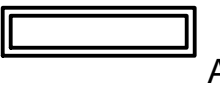

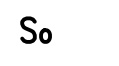















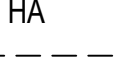


20 June 2017

 WILLIAM B. HAYWARD

CLIENT: City of Dunwoody
 PROJECT: BASEBALL FACILITIES AT BROOK RUN PARK
 DRAWING NO.: C-1810-10
 DRAWING TITLE: FIELDHOUSE FIRE ALARM PLAN
 SCALE: AS SHOWN
 SHEET: FA-1.01 OF

RAC #: 1700200

ELECTRICAL LEGEND

-  SL1 SITE/PARKING LIGHT POLE AND FIXTURE, SINGLE, "SL1" INDICATES FIXTURE TYPE
-  SL1 SITE/PARKING LIGHT POLE AND FIXTURE, DOUBLE, "SL1" INDICATES FIXTURE TYPE
-  SPORTS LIGHTING POLE
-  EXTERIOR WALL MOUNT WALL PACK LUMINAIRE
-  1X4 SURFACE MOUNT VOLUMETRIC LED LUMINAIRE, "A" INDICATES FIXTURE TYPE
-  S3 SWITCH, 3-WAY
-  S0 SWITCH, OCCUPANCY SENSOR
-  S SWITCH, SINGLE POLE, SINGLE THROW
-  Smax SWITCH, HAND-OFF-AUTO
-  XX/X DISCONNECT SWITCH, FUSIBLE OR NONFUSIBLE AS SHOWN ON PLANS
-  □ HANDHOLE
-  ○ CONDUIT STUB UP, DIAGRAMMATIC
-  SERVICE FEEDERS
-  - - - EXTERIOR / UNDERGROUND BRANCH CIRCUITS AND CONDUIT
-  ——— INTERIOR BRANCH CIRCUIT AND CONDUIT
-  LA-1 HOMERUN, LA-1 INDICATES PANEL ID AND CIRCUIT NUMBER
-  20A HEAVY DUTY NEMA 5-20R RECEPTACLE, WP INDICATES WEATHERPROOF
-  20A HEAVY DUTY NEMA 5-20R GFCI RECEPTACLE, WP INDICATES WEATHERPROOF
-  30A HEAVY DUTY NEMA 6-30R RECEPTACLE, OR AS NOTED ON DRAWINGS
-  J JUNCTION BOX
-  HA POWER DISTRIBUTION PANEL, "HA" INDICATES PANEL ID
-  XF THREE PHASE 480V-208/120V WYE DRY TYPE TRANSFORMER
-  T TELECOM / DATA JACK
-  LIGHTNING PROTECTION AIR TERMINAL AND CONDUCTOR
-  3/4" X 10' GROUND ROD

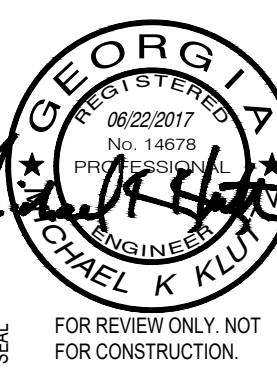
GENERAL NOTES:

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.

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 3000 Peachtree Dunwoody Rd, Suite 200
 Atlanta, Georgia 30338-1629
 404-577-4000 FAX: 404-577-7119

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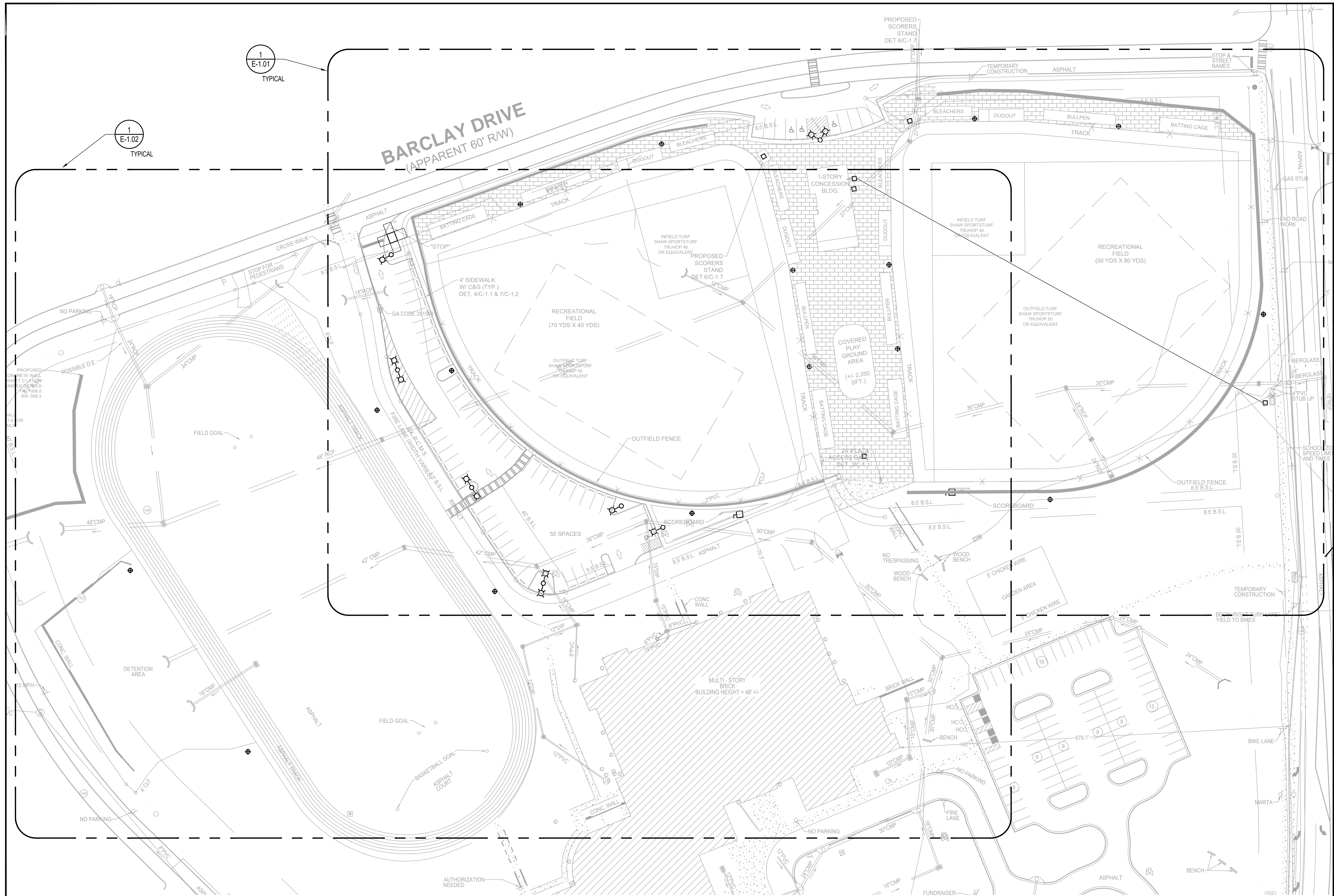
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04-12-2017	MDC	MDC	MDC	MDC	BY
04-26-2017	MDC	MDC	MDC	MDC	DATE
05-06-2017	MDC	MDC	MDC	MDC	BY
05-11-2017	MDC	MDC	MDC	MDC	DATE
06-21-2017	MDC	MDC	MDC	MDC	BY
					DATE
					BY
					DATE



CLIENT: City of Dunwoody
 PROJECT: BASEBALL FACILITIES AT BROOK RUN PARK

DESIGNED: [] DRAWN: [] CHECKED: [] DATE: []
 PROJECT NO: C-1810-10 SCALE: AS SHOWN
 DRAWING TITLE: ELECTRICAL GENERAL NOTES AND LEGEND

SHEET: E-0.01 OF



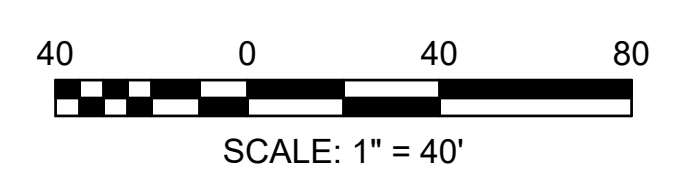
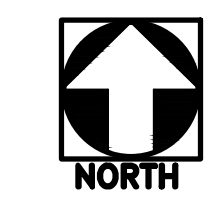
1
E-1.02
TYPICAL

1
E-1.01
TYPICAL

BARCLAY DRIVE
(APPARENT 60' R/W)

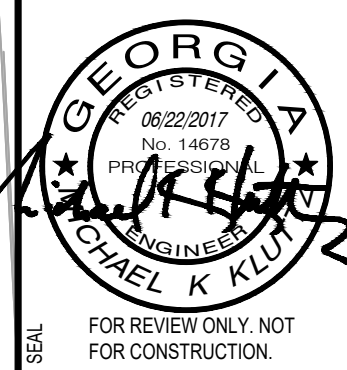
NOTE:
1. SEE E-0.01 FOR GENERAL NOTES AND ABBREVIATIONS.

1
E-1.00
OVERALL ELECTRICAL SITE PLAN
SCALE: 1" = 40'-0"



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PRICING SET	ADDENDUM #1	ADDENDUM #3	ADDENDUM #4	BUILDING PLAN REVIEW	REVISION
04-12-2017	NDC	NDC	NDC	NDC	BY
04-26-2017	NDC	NDC	NDC	NDC	DATE
05-06-2017	NDC	NDC	NDC	NDC	SYMBOL
05-11-2017	NDC	NDC	NDC	NDC	DATE
06-21-2017	NDC	NDC	NDC	NDC	BY
					DATE
					SYMBOL



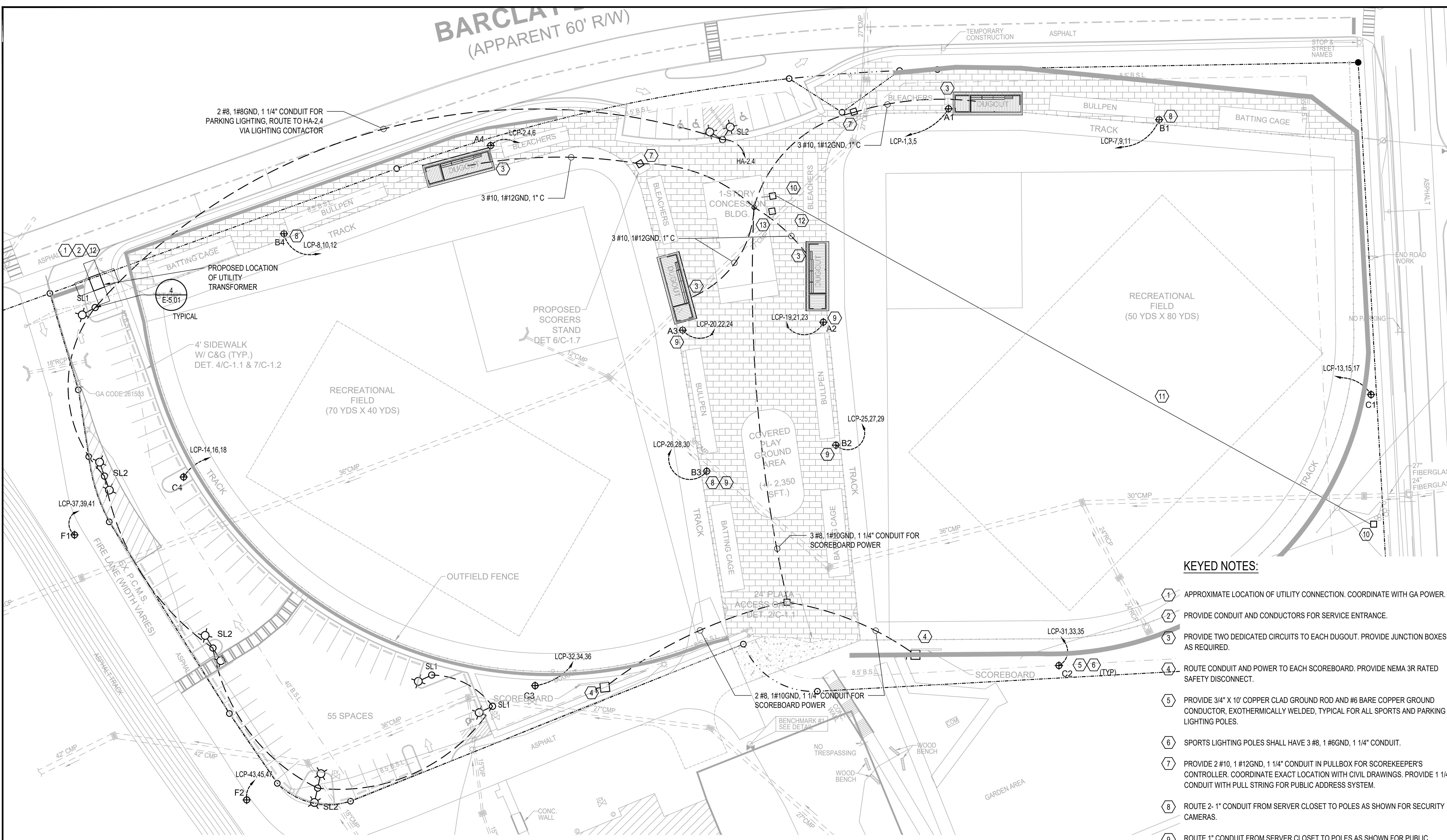
City of **Dunwoody**
PROJECT: **BASEBALL FACILITIES AT BROOK RUN PARK**

CLIENT: City of Dunwoody
PROJECT: BASEBALL FACILITIES AT BROOK RUN PARK
DRAWING NO. **E-1.00**
DRAWING TITLE: **OVERALL ELECTRICAL SITE PLAN**
SHEET OF

RAC#: 1700200

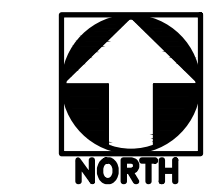
BARCLAY

(APPARENT 60' R/W)



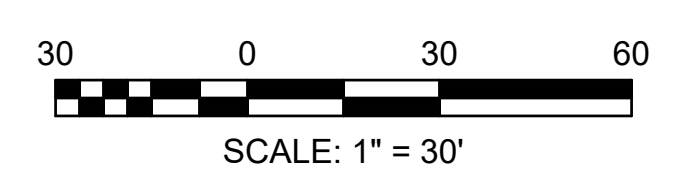
- NOTE:**
- SEE E-01 FOR GENERAL NOTES AND ABBREVIATIONS.
 - SPORTS LIGHTING BASIS OF DESIGN IS FROM MUSCO LIGHTING. SEE SPECIFICATIONS FOR REQUIREMENTS.

1 ELECTRICAL SITE PLAN - BASEBALL FIELDS
 E-1.01 SCALE: 1" = 30'-0"

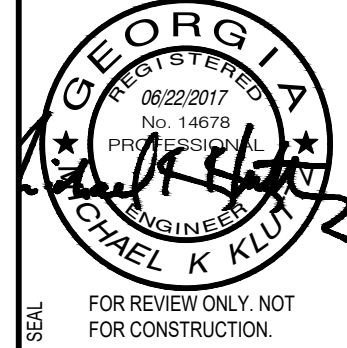


KEYED NOTES:

- APPROXIMATE LOCATION OF UTILITY CONNECTION. COORDINATE WITH GA POWER.
- PROVIDE CONDUIT AND CONDUCTORS FOR SERVICE ENTRANCE.
- PROVIDE TWO DEDICATED CIRCUITS TO EACH DUGOUT. PROVIDE JUNCTION BOXES AS REQUIRED.
- ROUTE CONDUIT AND POWER TO EACH SCOREBOARD. PROVIDE NEMA 3R RATED SAFETY DISCONNECT.
- PROVIDE 3/4" X 10' COPPER CLAD GROUND ROD AND #6 BARE COPPER GROUND CONDUCTOR, EXOTHERMICALLY WELDED, TYPICAL FOR ALL SPORTS AND PARKING LIGHTING POLES.
- SPORTS LIGHTING POLES SHALL HAVE 3 #8, 1 #6GND, 1 1/4" CONDUIT.
- PROVIDE 2 #10, 1 #12GND, 1 1/4" CONDUIT IN PULLBOX FOR SCOREKEEPER'S CONTROLLER. COORDINATE EXACT LOCATION WITH CIVIL DRAWINGS. PROVIDE 1 1/4" CONDUIT WITH PULL STRING FOR PUBLIC ADDRESS SYSTEM.
- ROUTE 2- 1" CONDUIT FROM SERVER CLOSET TO POLES AS SHOWN FOR SECURITY CAMERAS.
- ROUTE 1" CONDUIT FROM SERVER CLOSET TO POLES AS SHOWN FOR PUBLIC ADDRESS SYSTEM.
- 15" X 25" HAND-HOLE PER DETAIL 2/E-5.00. LABEL "COMM".
- TWO (2) 4" CONDUITS FROM UTILITY POLE TO HAND-HOLE. STUB UP IN SERVER CLOSET FOR TELECOM UTILITY USE.
- 15" X 25" HAND-HOLE, PER DETAIL 2/E-5.00. LABEL "ELEC".
- PROVIDE SIX (6) 2" CONDUIT FROM UTILITY CLOSET TO FOOTBALL FIELD FOR FOOTBALL LIGHTING.

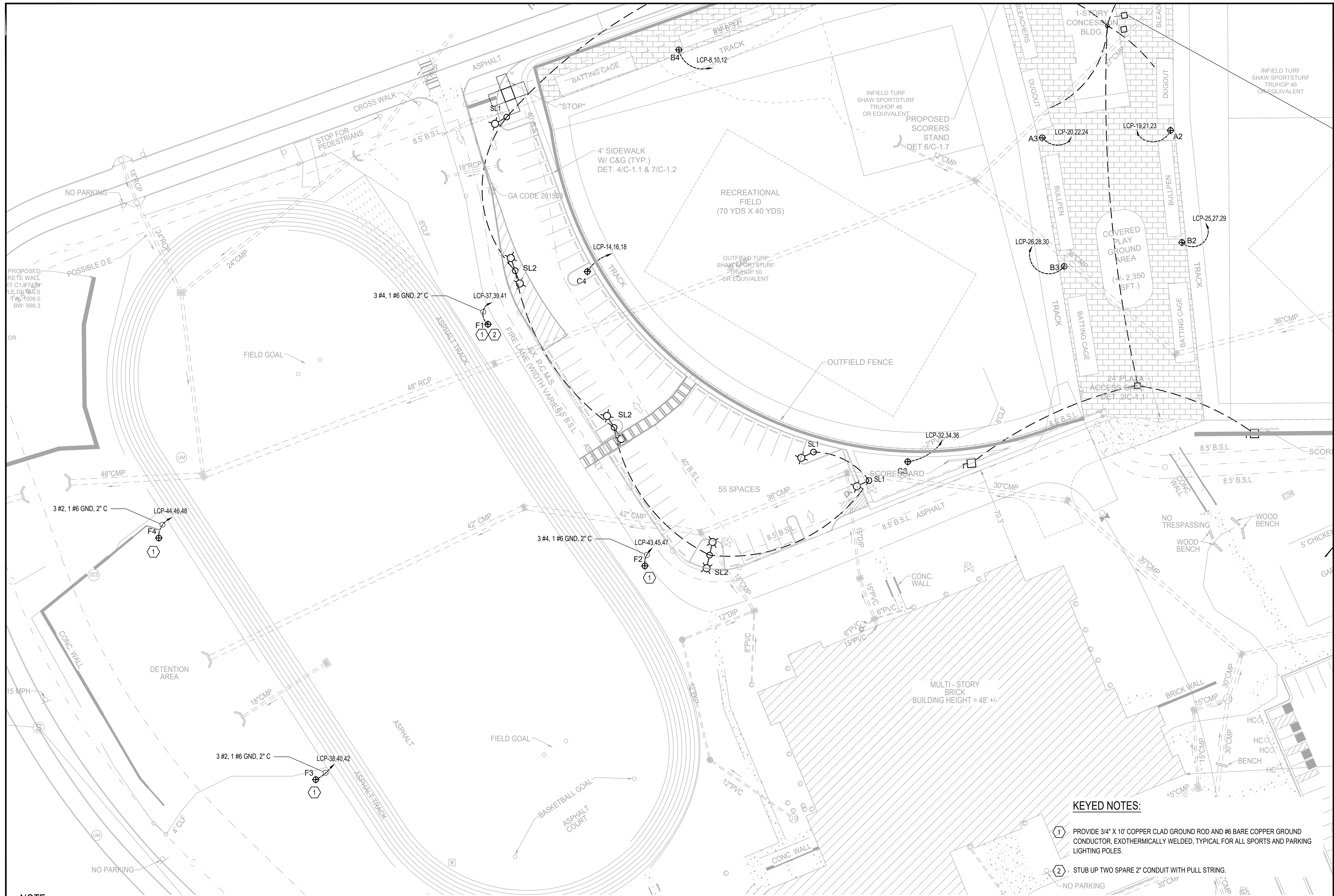


PRICING SET	ADDENDUM #1	ADDENDUM #3	ADDENDUM #4	BUILDING PLAN REVIEW	REVISION
04-18-2017	MDC	MDC	MDC	MDC	BY
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05-06-2017	MDC	MDC	MDC	MDC	DATE
05-11-2017	MDC	MDC	MDC	MDC	DATE
06-21-2017	MDC	MDC	MDC	MDC	DATE
					BY
					DATE
					DATE
					DATE
					DATE
					DATE



City of **Dunwoody**
 PROJECT: BASEBALL FACILITIES AT BROOK RUN PARK

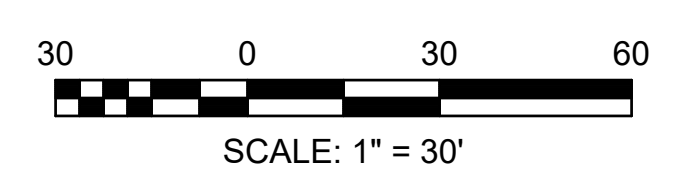
CLIENT: AS SHOWN
 DRAWING TITLE: ELECTRICAL SITE PLAN - BASEBALL FIELDS



NOTE:

- SEE E-0.01 FOR GENERAL NOTES AND ABBREVIATIONS.
- SPORTS LIGHTING BASIS OF DESIGN IS FROM MUSCO LIGHTING. SEE SPECIFICATIONS.

1 ELECTRICAL SITE PLAN - FOOTBALL FIELD
 E-1.02 SCALE: 1" = 30'-0"

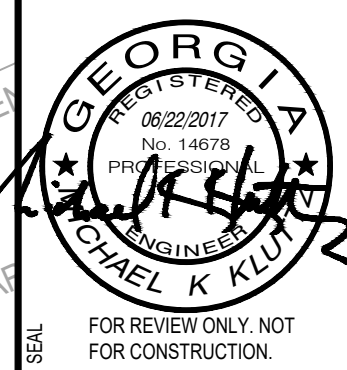


- KEYED NOTES:**
- PROVIDE 3/4" X 10' COPPER CLAD GROUND ROD AND #6 BARE COPPER GROUND CONDUCTOR, EXOTHERMICALLY WELDED, TYPICAL FOR ALL SPORTS AND PARKING LIGHTING POLES.
 - STUB UP TWO SPARE 2" CONDUIT WITH PULL STRING.

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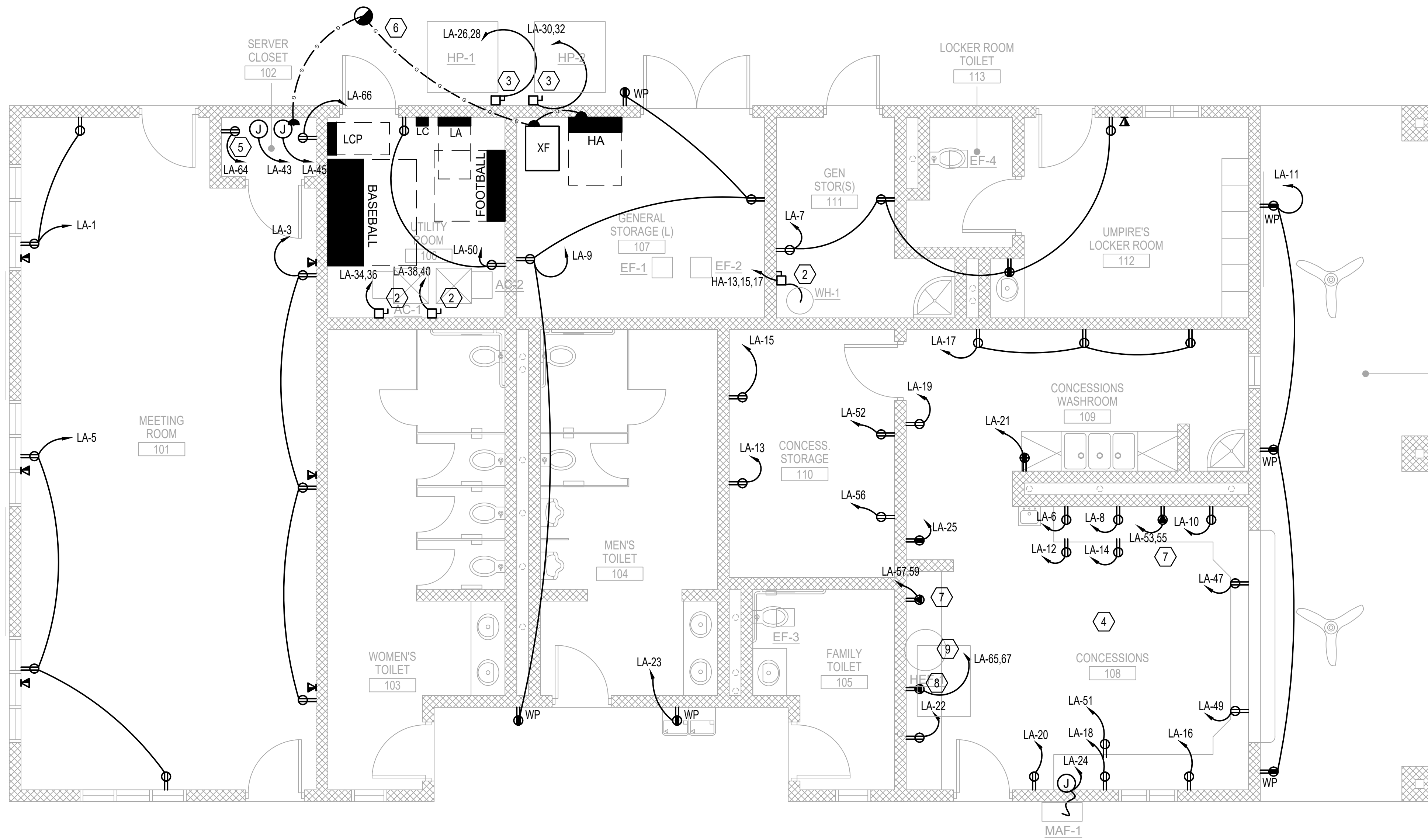
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04-26-2017	MDC	MDC	MDC	MDC	DATE
05-05-2017	MDC	MDC	MDC	MDC	SYMBOL
05-11-2017	MDC	MDC	MDC	MDC	REVISION
06-21-2017	MDC	MDC	MDC	MDC	



City of **Dunwoody**
 BASEBALL FACILITIES AT
 BROOK RUN PARK

DESIGNED	DRAWN	CHECKED	DATE	SCALE	AS SHOWN
CLO	CLO	MMK			
PROJECT NO.	ELECTRICAL SITE PLAN - FOOTBALL FIELD				
DRAWING TITLE	E-1.02				
DRAWING NO.	SHEET OF				

RAC#: 1700200



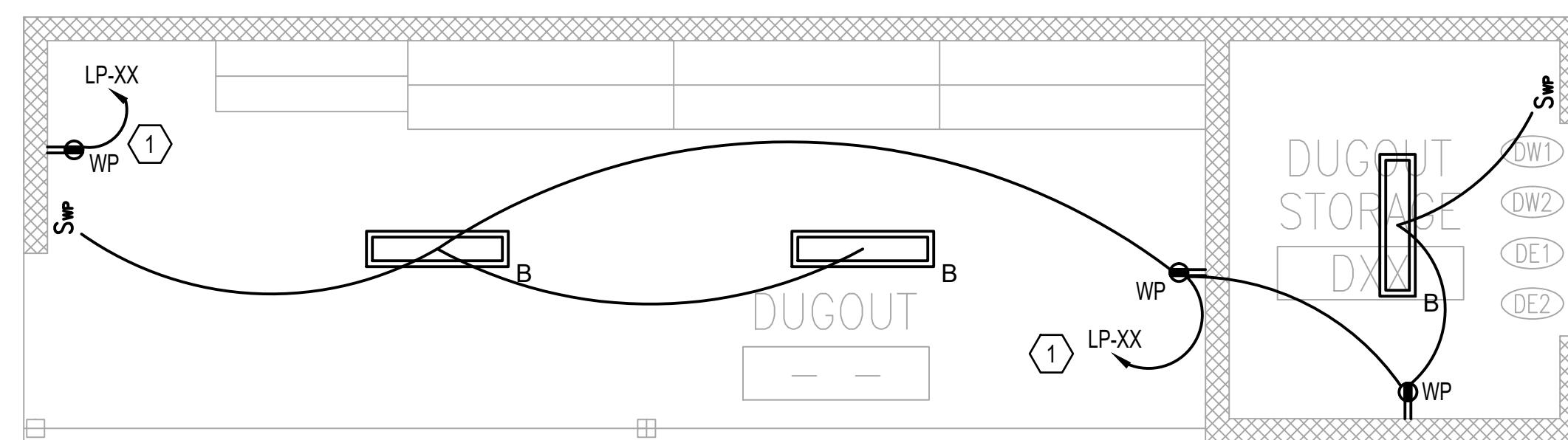
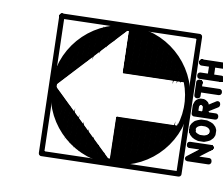
NOTE:

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

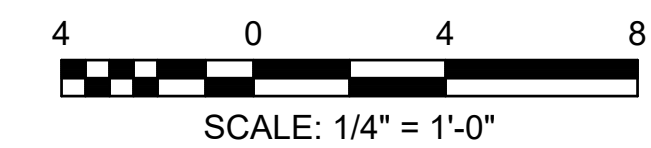
KEYED NOTES:

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

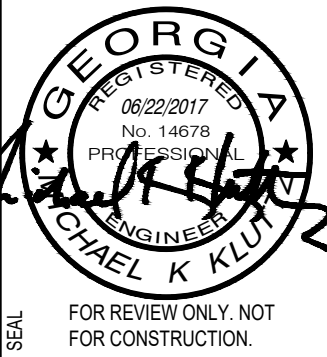
1 FIELDHOUSE POWER PLAN
E-1.03 SCALE: 1/4" = 1'-0"



2 TYPICAL DUGOUT POWER AND LIGHTING PLAN
E-1.03 SCALE: 1/4" = 1'-0"

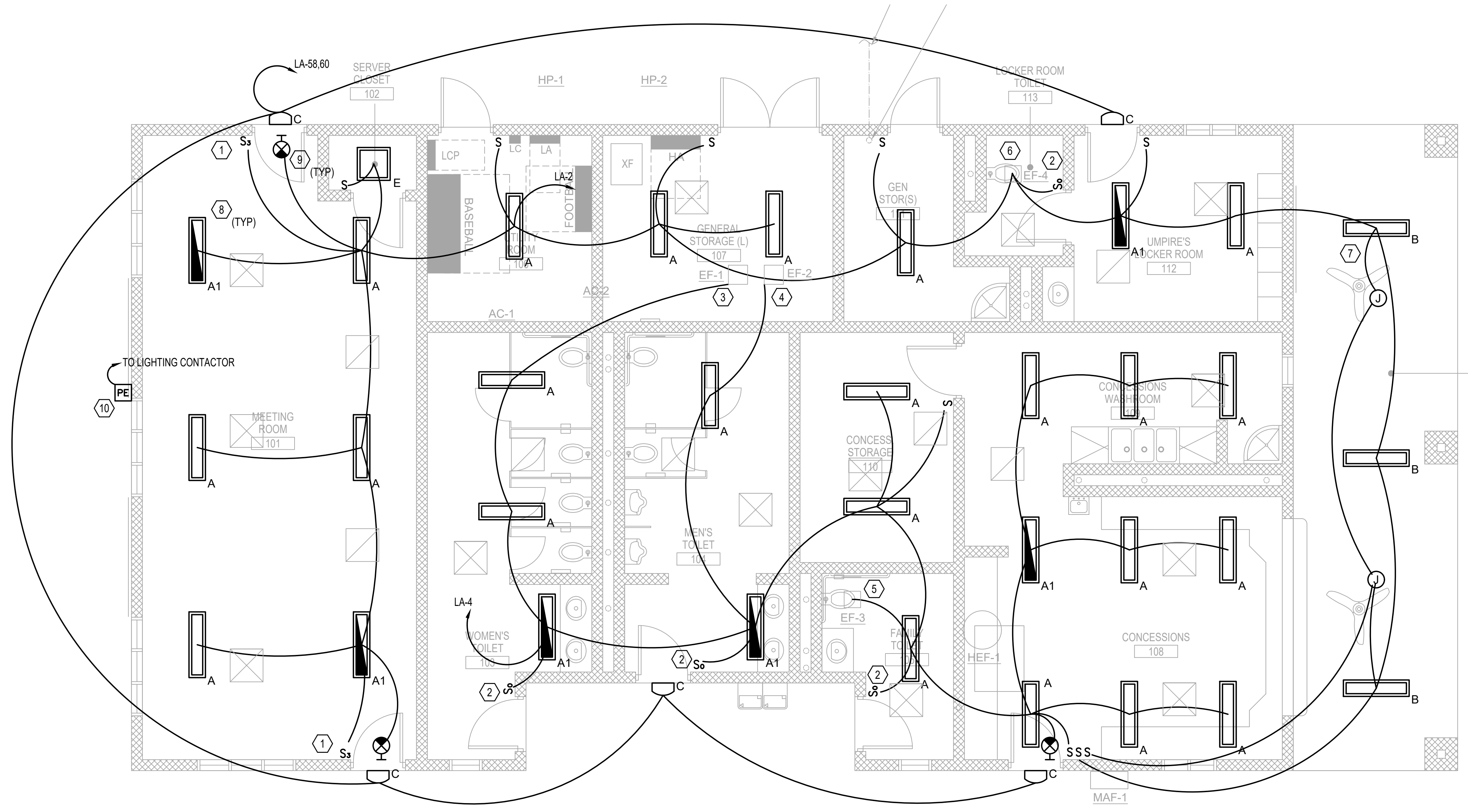


PRICING SET	ADDENDUM #1	ADDENDUM #3	ADDENDUM #4	BUILDING PLAN REVIEW	REVISION
04-19-2017	MDC	MDC	MDC	MDC	BY
04-26-2017	MDC	MDC	MDC	MDC	DATE
05-05-2017	MDC	MDC	MDC	MDC	DATE
05-11-2017	MDC	MDC	MDC	MDC	DATE
06-21-2017	MDC	MDC	MDC	MDC	DATE



City of **Dunwoody**
PROJECT: BASEBALL FACILITIES AT BROOK RUN PARK

DESIGNED	DRAWN	CHECKED	DATE
CLO	CLO	MKK	
PROJECT NO.	C-1810-10	SCALE	AS SHOWN
DRAWING TITLE	FIELDHOUSE POWER PLAN AND TYPICAL DUGOUT PLAN		



1 FIELDHOUSE LIGHTING PLAN
E-1.04 SCALE: 1/4" = 1'-0"

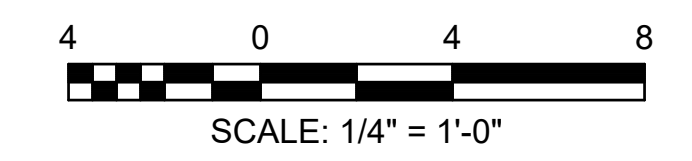


NOTE:

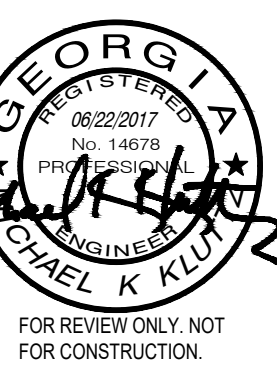
- 1. SEE E-0.01 FOR GENERAL NOTES AND ABBREVIATIONS.

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
- ⑦ INTERCEPT 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.



PRICING SET	ADDENDUM #1	ADDENDUM #3	ADDENDUM #4	BUILDING PLAN REVIEW	REVISION
04-12-2017	MDC	04-26-2017	MDC	05-11-2017	MDC
04-26-2017	MDC	05-06-2017	MDC	05-11-2017	MDC
05-11-2017	MDC	05-11-2017	MDC	05-21-2017	MDC
05-21-2017	MDC	05-21-2017	MDC	05-21-2017	MDC
DATE	BY	DATE	BY	DATE	BY

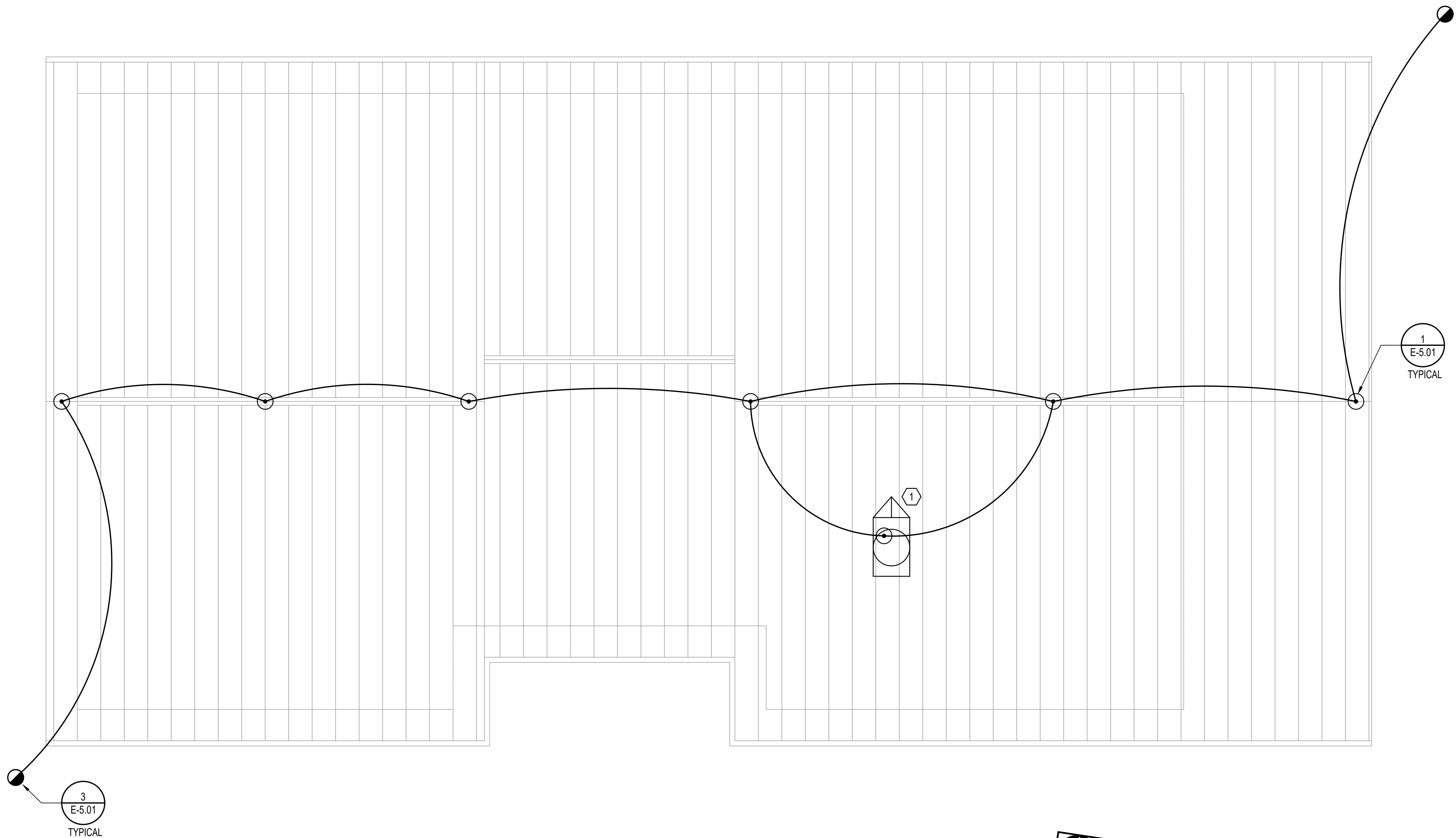


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City of **Dunwoody**
PROJECT: BASEBALL FACILITIES AT BROOK RUN PARK

DESIGNED	DRAWN	CHECKED	DATE
CLO	CLO	MKK	
PROJECT NO.	C-1810-10	SCALE	AS SHOWN
DRAWING TITLE	FIELDHOUSE LIGHTING PLAN		

SHEET **E-1.04** OF



NOTE:

1. SEE E-0.01 FOR GENERAL NOTES AND ABBREVIATIONS.
2. SEE SPECIFICATION SECTION 264113 LIGHTNING PROTECTION FOR STRUCTURES.

KEYED NOTES:

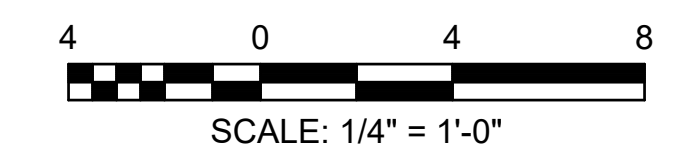
- ① INTERCEPT CIRCUIT LA-24 FOR KITCHEN EXHAUST FAN.

3
E-5.01
TYPICAL

1
E-1.05
FIELDHOUSE ROOF ELECTRICAL AND LIGHTNING PROTECTION PLAN
SCALE: 1/4" = 1'-0"



1
E-5.01
TYPICAL



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SYMBOL	DATE	BY	REVISION
	04-19-2017	MDC	PRICING SET
	04-26-2017	MDC	ADDENDUM #1
	05-05-2017	MDC	ADDENDUM #3
	05-11-2017	MDC	ADDENDUM #4
	06-21-2017	MDC	BUILDING PLAN REVIEW



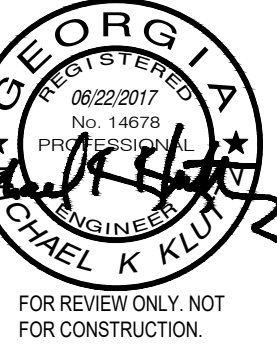
City of **Dunwoody**
PROJECT: BASEBALL FACILITIES AT BROOK RUN PARK

DESIGNED	DRAWN	CHECKED	DATE	CLIENT
CLO	CLO	MKK		City of Dunwoody
PROJECT NO.	C-1810-10	SCALE	AS SHOWN	PROJECT TITLE
DRAWING TITLE	FIELDHOUSE ROOF ELECTRICAL AND LIGHTNING PROTECTION PLAN			

SHEET OF
E-1.05

RAC #: 1700200

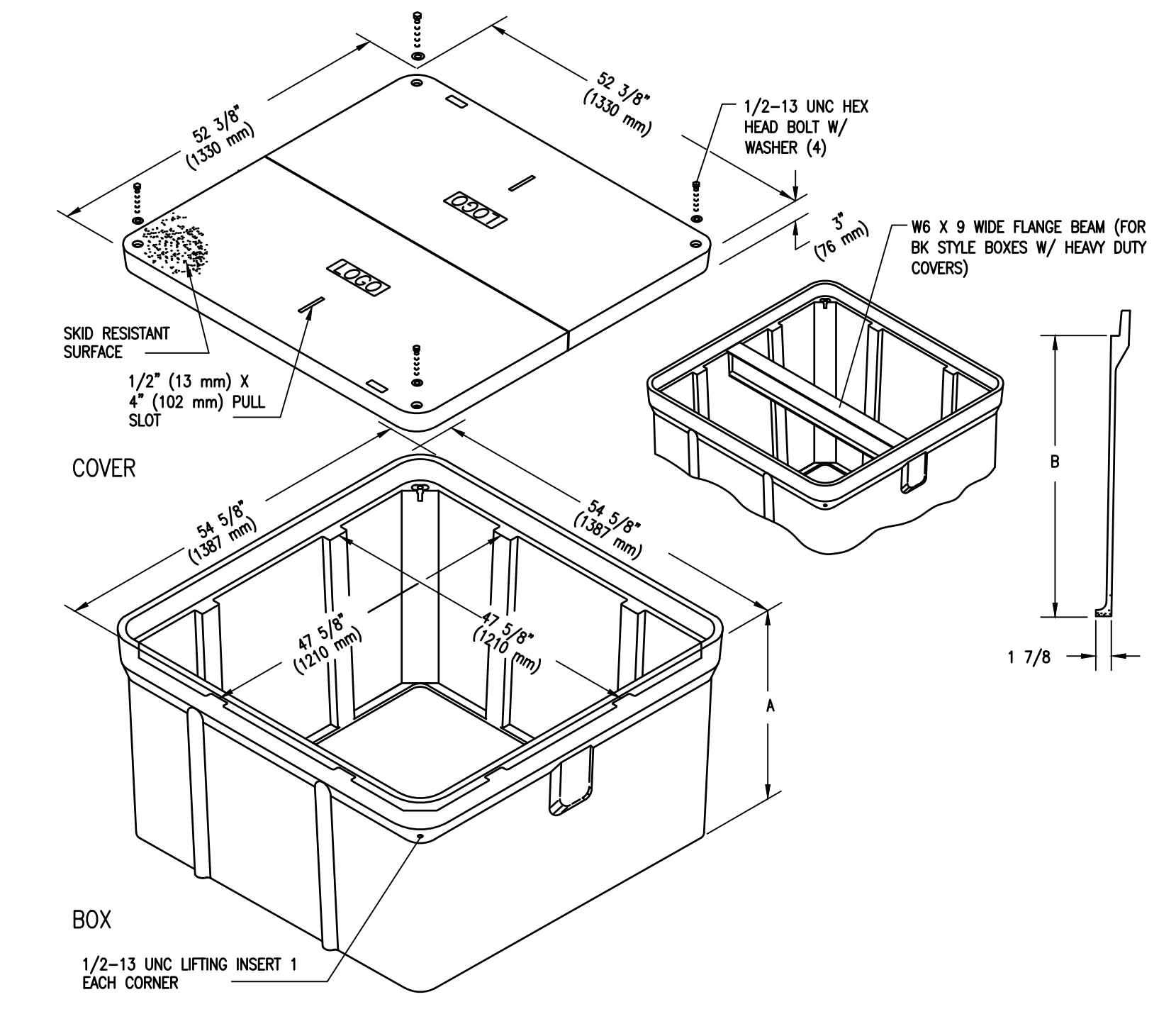
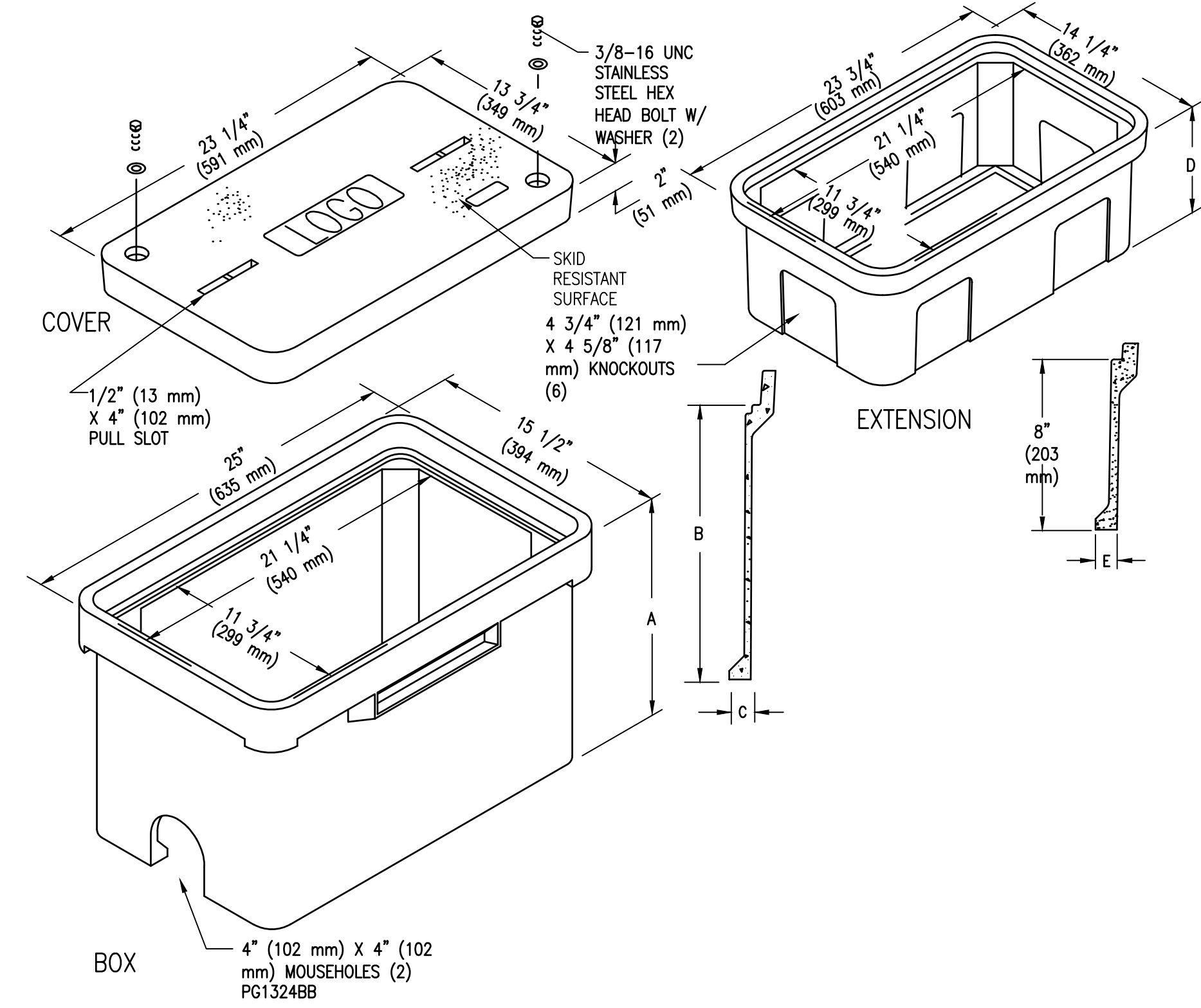
PRICING SET	ADDENDUM #1	ADDENDUM #2	ADDENDUM #3	ADDENDUM #4	BUILDING PLAN REVIEW	REVISION
04-12-2017	MDC	MDC	MDC	MDC	MDC	BY
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06-21-2017	MDC					SYMBOL



City of **Dunwoody**
PROJECT: BASEBALL FACILITIES AT BROOK RUN PARK

DESIGNED	DRAWN	CHECKED	DATE	SCALE	AS SHOWN
CLO	CLO	MKK			
PROJECT NO.	DRAWING TITLE		ELECTRICAL DETAILS		
C-1810-10	ELECTRICAL DETAILS				
DRAWING NO.	SHEET		OF		
E-5.00					

RAC#: 1700200



BOXES

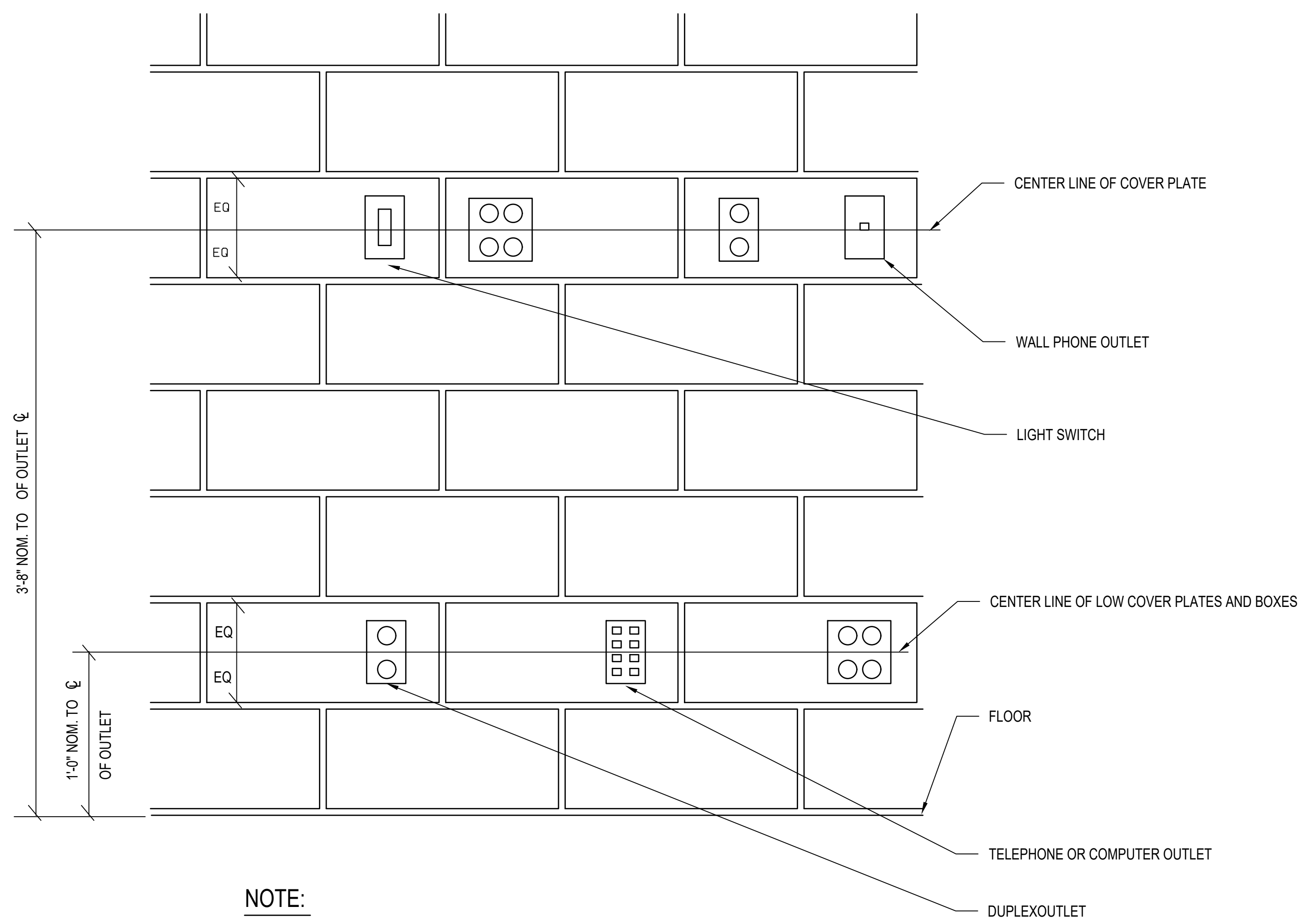
DESCRIPTION	WEIGHT	DIMENSIONS		
		A	B	C
(Stackable) W/ No Base	53# (24.0 kg)	12" (305 mm)	10" (254 mm)	1 1/4" (32 mm)
	62# (28.1 kg)	18" (457 mm)	16" (406 mm)	1 1/4" (32 mm)
W/ No Base (2) Mouseholes	49# (22.2 kg)	12" (305 mm)	10" (254 mm)	1 1/4" (32 mm)
	60# (27.2 kg)	18" (457 mm)	16" (406 mm)	1 1/4"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

EXTENSIONS (For use under box only, one per box)

DESCRIPTION	PART NO.	WEIGHT	DIMENSIONS	
			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.

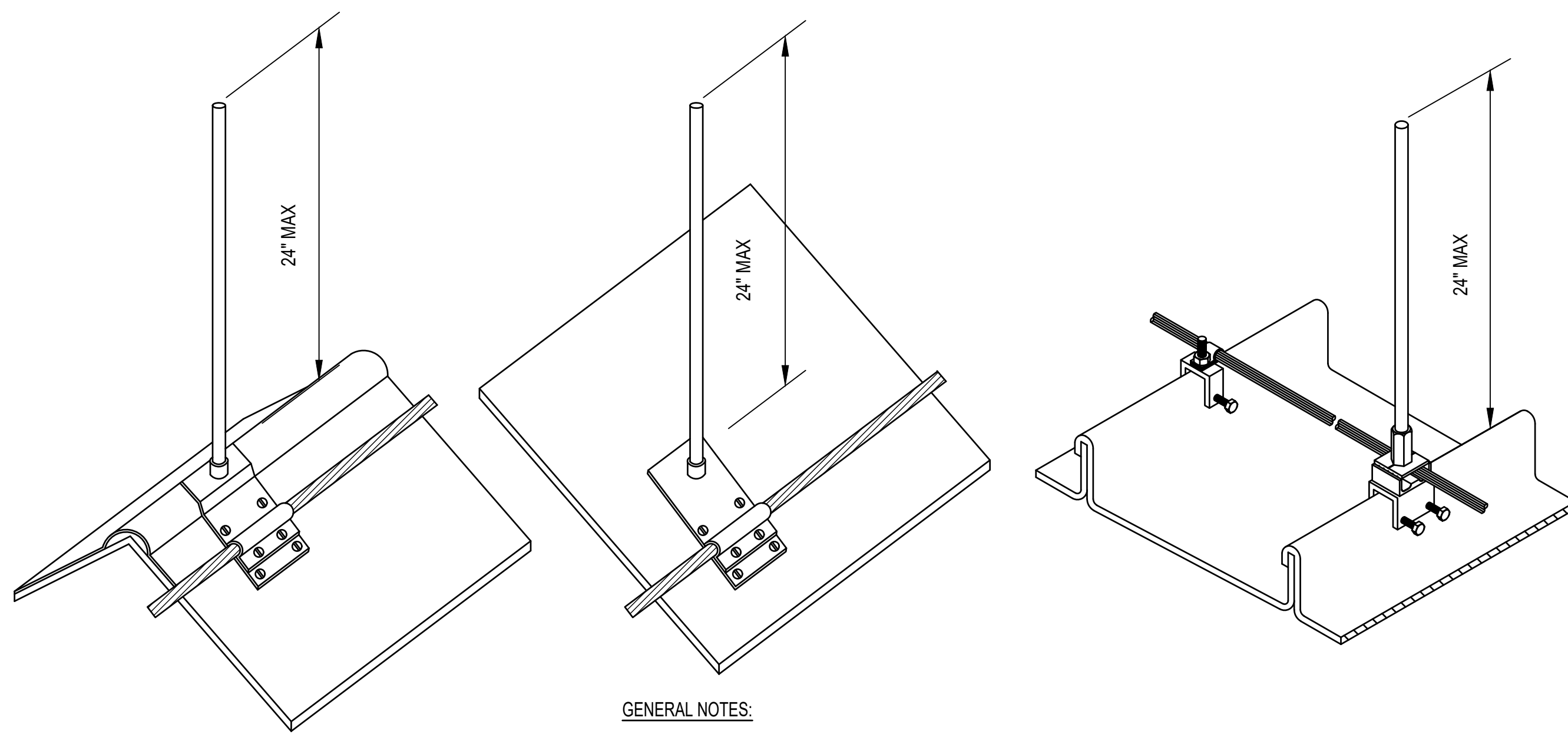
2 ELEC/TELECOMM HANDHOLE DETAIL
SCALE: NTS



NOTE:

ALL OUTLETS, SWITCHES ETC, MUST BE LOCATED SO THE COVER PLATES OR BOXES ALIGN IN THE CENTER OF THE BLOCK VERTICALLY.
NO PLATE MAY FALL ON A MORTAR JOINT IN THE BLOCK.

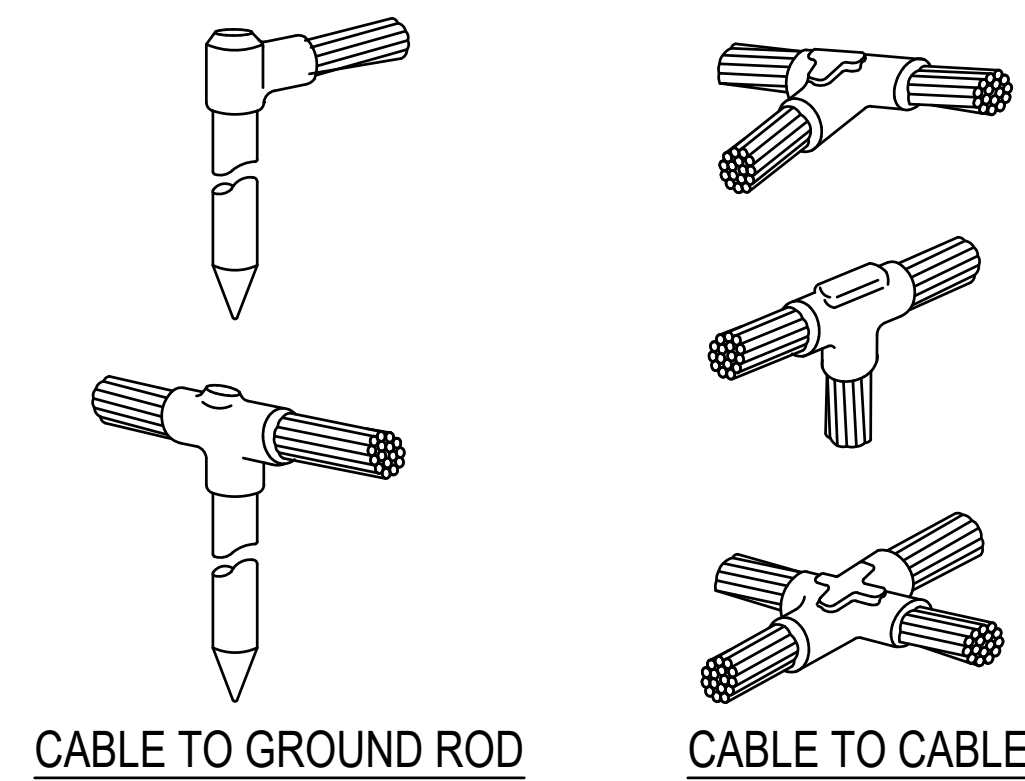
1 CMU/MASONRY WALL OUTLET INSTALLATION DETAIL
SCALE: NTS



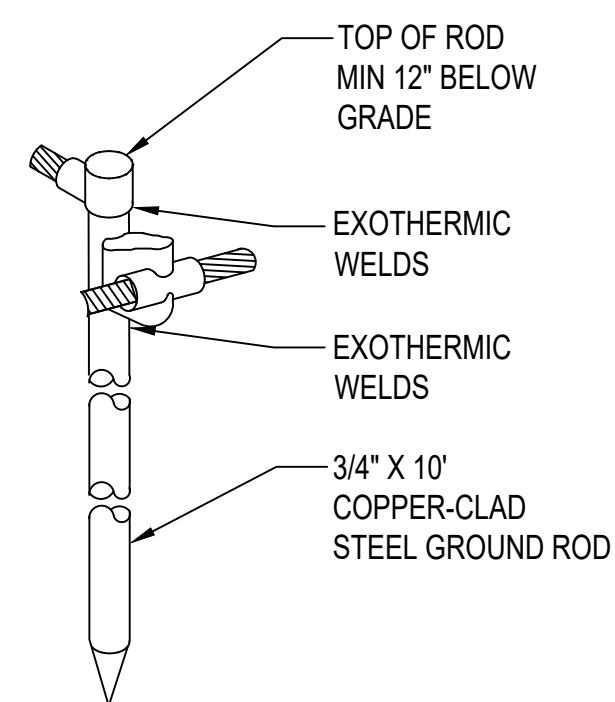
GENERAL NOTES:

- AIR TERMINAL SPACING SHALL CONFORM TO NFPA 780 & UL 96A REQUIREMENTS, OR AS SHOWN, WHEN CLOSER THAN CODE MAXIMUM.
- MATERIAL COMPATIBILITY SHALL CONFORM TO NFPA 780 & 96A REQUIREMENTS, AND BE COMPATIBLE WITH ROOF SYSTEM INSTALLED
- MATERIAL CLASS I COPPER SHALL CONFORM TO NFPA 780 & UL 96A REQUIREMENTS.
- AIR TERMINALS SHALL BE UL LISTED & CAL-OSHA APPROVED, SOLID COPPER, OR TINNED COPPER, WITH BLUNT TIP, 1/2" DIAMETER OR GREATER.

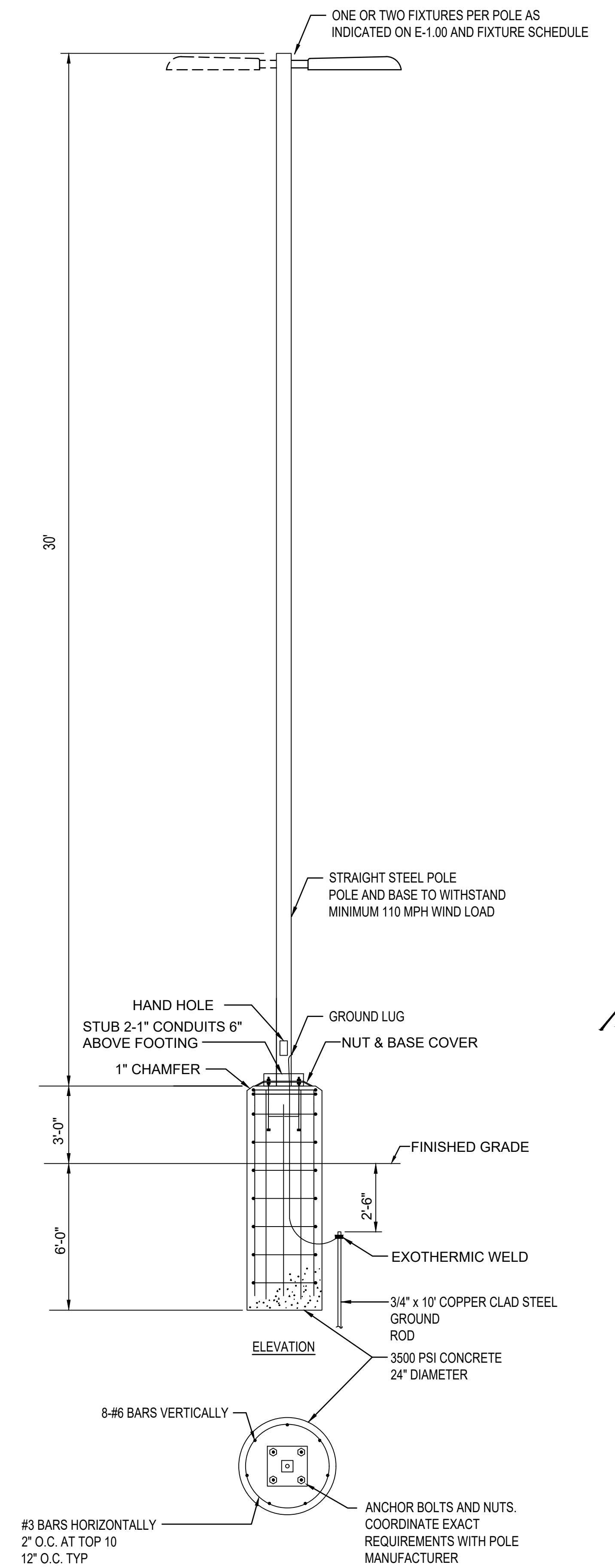
1 LIGHTNING PROTECTION POINT SLOPED MOUNTING DETAIL
Scale: NTS



2 TYP EXOTHERMIC GROUND CONNECTIONS
Scale: NTS



3 GROUND ROD DETAIL
Scale: NTS



4 POLE AND POLE BASE DETAIL
Scale: NTS

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PRICING SET	ADDENDUM #1	ADDENDUM #3	ADDENDUM #4	BUILDING PLAN REVIEW	REVISION
04-12-2017	MDC	04-26-2017	MDC	05-11-2017	MDC
04-26-2017	MDC	05-06-2017	MDC	05-21-2017	MDC
DATE	BY	DATE	BY	DATE	BY
SYMBOL		SYMBOL		SYMBOL	

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CLIENT: **City of Dunwoody**

PROJECT: **BASEBALL FACILITIES AT BROOK RUN PARK**

DATE: AS SHOWN

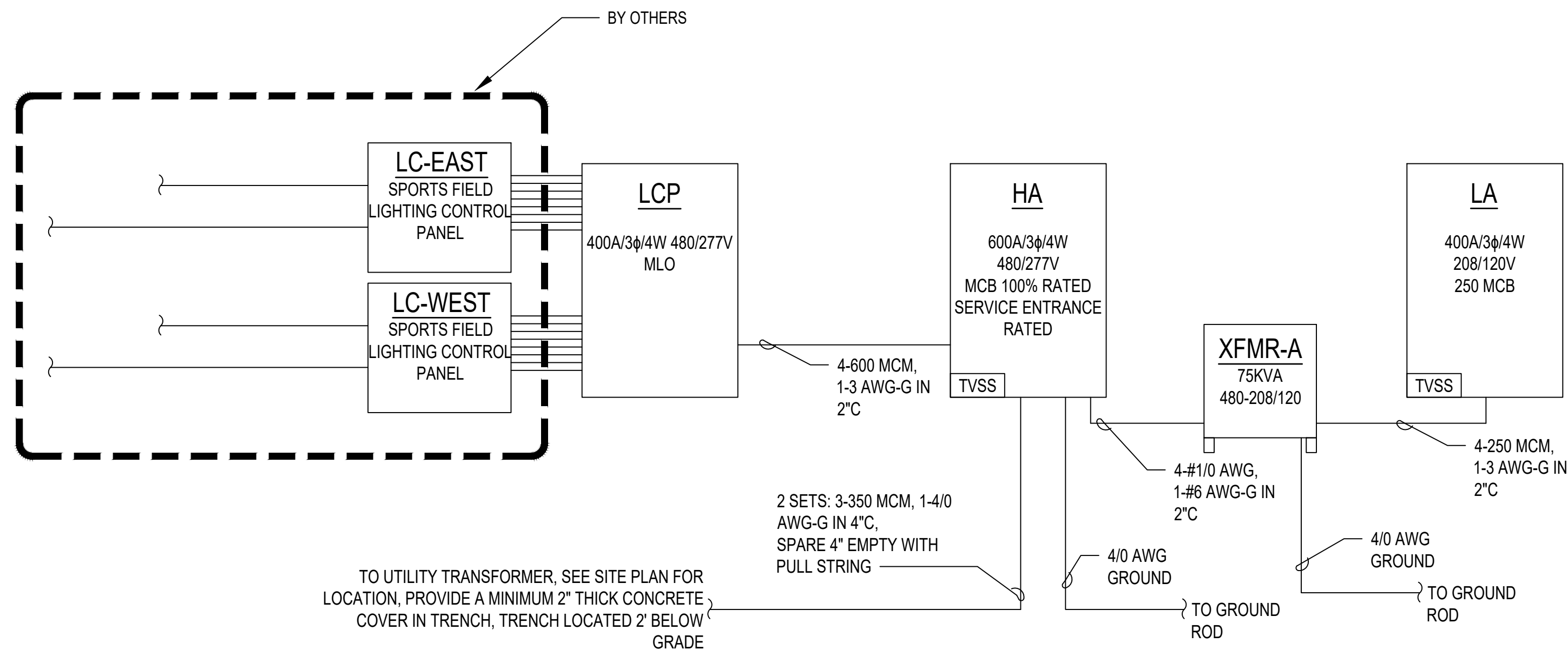
SCALE: AS SHOWN

DRAWING TITLE: **ELECTRICAL DETAILS**

E-5.01

SHEET OF

RAC #: 1700200



1 POWER RISER DIAGRAM
E-6.00 SCALE: NTS

TO UTILITY TRANSFORMER, SEE SITE PLAN FOR LOCATION, PROVIDE A MINIMUM 2" THICK CONCRETE COVER IN TRENCH, TRENCH LOCATED 2' BELOW GRADE

2 SETS: 3-350 MCM, 1-4/0 AWG-G IN 4°C, SPARE 4" EMPTY WITH PULL STRING

4/0 AWG GROUND

4-#1/0 AWG, 1-#6 AWG-G IN 2°C

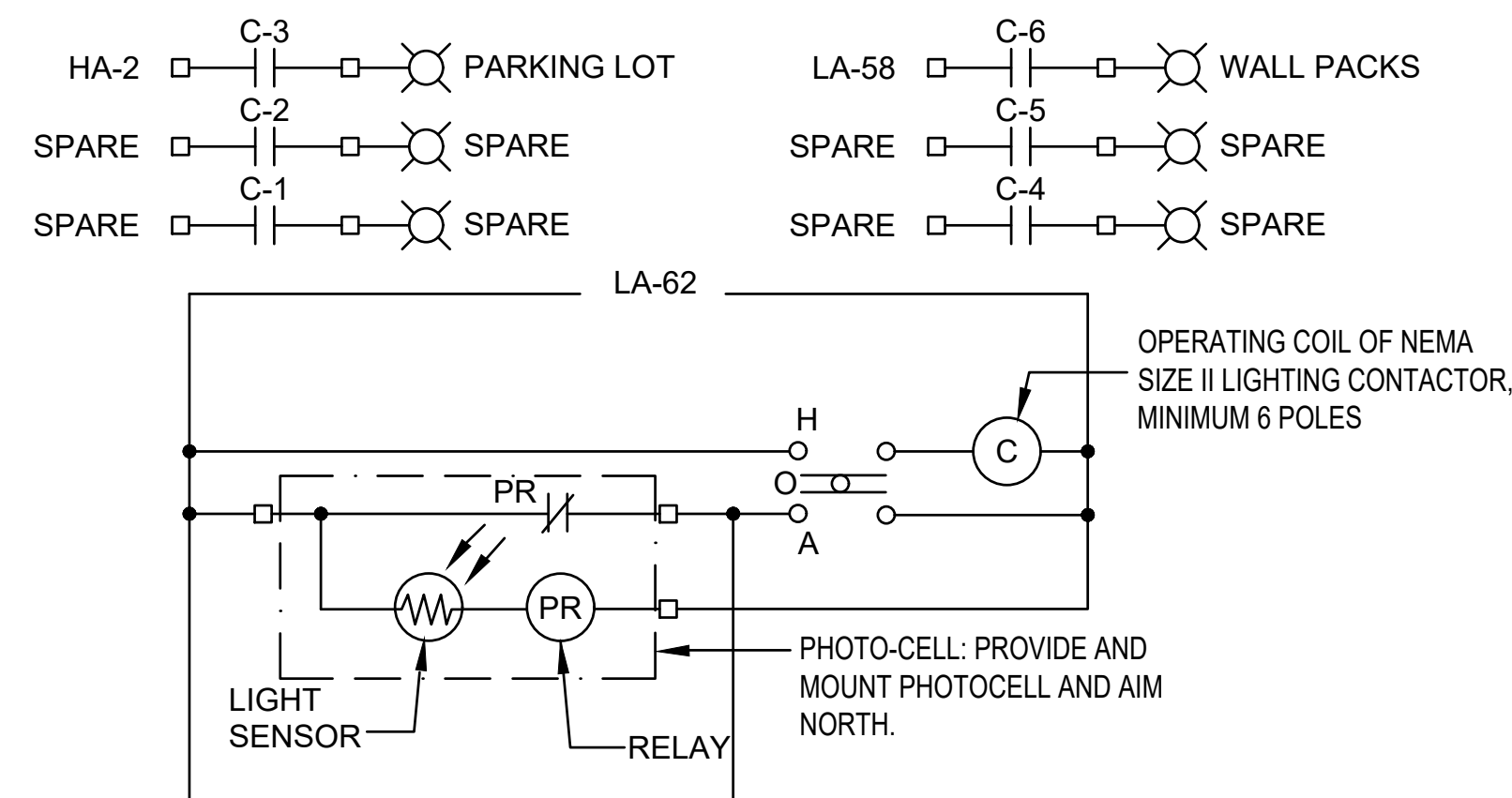
4/0 AWG GROUND

4-250 MCM, 1-3 AWG-G IN 2°C

FIELDHOUSE AND DUGOUT LIGHTING FIXTURE SCHEDULE					
FIXTURE TYPE	TOTAL WATTS PER FIXTURE	FIXTURE VOLTAGE	MOUNTING STYLE	NOTES	MANUFACTURER / MODEL
A	32	120	SURFACE		LITHONIA STL4-20L-MVOLT-LP840
A1	32	120	SURFACE		LITHONIA STL4-20L-MVOLT-LP840-EL7L
B	32	120	SURFACE		LITHONIA FEM-L48-6000LM-LPAFL-MD-MVOLT-40K-80CRI-MSI10NWLDSCNWL
C	XX	120	WALL MOUNT		LITHONIA DSXW1-LED-10C-530-40K-T3M-MVOLT
D	0.8	120	SURFACE		LITHONIA EXR-LED-EL-M6
E	18	120	SURFACE		LITHONIA 2ACLX2-20L-LP840

SITE LIGHTING FIXTURE SCHEDULE					
FIXTURE TYPE	TOTAL WATTS PER FIXTURE	FIXTURE VOLTAGE	MOUNTING STYLE	NOTES	MANUFACTURER / MODEL
SL1	232	208	POLE	DETAIL 5/E-5.01 ONE FIXTURE PER POLE	LITHONIA: DSX2-LED-100C-700-40K-TFTM-MVOLT-SPA-HS
SL2	232	208	POLE	DETAIL 5/E-5.01 TWO FIXTURES PER POLE	LITHONIA: DSX2-LED-100C-700-40K-TFTM-MVOLT-SPA-HS

NOTE:
1. SEE SPECIFICATIONS FOR SPORTS LIGHTING REQUIREMENTS.



1 PARKING AREA LIGHTING CONTROLS
E-0.01 SCALE: NTS

PANEL: HA		VOLTAGE	480/277	PHASE/WIRE	3/4	LOCATION	MECHANICAL/ELEC ROOM												
MAIN BUS 600		MAIN CB	600	NEUTRAL	100%	BUS:	COPPER	GND:	COPPER	FAULT DUTY: 30,000 AIC									
LOAD INFORMATION		KVA			BREAKER RATING/POLES			KVA			LOAD INFORMATION								
LOAD	NOTE	TYPE	PH-A	PH-B	PH-C	CKT	P	CB	PH	CB	P	CKT	PH-A	PH-B	PH-C	TYPE	NOTE	LOAD	
PANEL LCP			74880			1			A		2	2	1500						PARKING LOT LIGHTING
				74880		3	3	400	B	40		4		1500					
					74880	5			C			6			0				
PANEL LA			21040			7			A			8							
				21830		9	3	125	B	20	3	10							SPARE
					25030	11			C			12							
WATER HEATER			4000			13			A			14							SPARE
				4000		15	3	30	B	20	2	16							SPARE
					4000	17			C		2	18							SPACE
SPARE						19			A		2	20							SPACE
						21	3	30	B	20	1	22							SPACE
						23			C	20	1	24							SPACE
MOUNTING: SURFACE			99920	100710	103910				A	B	C		1500	1500	0				
ENCLOSURE: NEMA 1			CONNECTED PHASE (KVA):					101420	102210	103910									
BUILT IN TVSS PER SPECS			CONNECTED CURRENT (A):					366.1	369	375.1									

NOTES:	TYPE	KVA	DF	KVxDF	LOAD TYPES:
1. PANEL DIMENSIONS TO BE A MAXIMUM OF 36" WIDE AND 11" DEEP.	L	307540	1.25	384425	L - LIGHTING
	LM	0	1.25	0	LM - LARGEST MOTOR
	M	0	1.0	0	M - MOTOR LOAD
	O	0	1.00	0	O - MISC OR OTHER TYPE LOADS
	R	0	1.00	0	R - RECEPTACLE (First 10,000 VA per NEC)
	R	0	0.50	0	R - RECEPTACLE (over 10,000 VA per NEC)
	S	0	0.50	0	S - SPARE
	CND	307540	EMD	384425	
			EMD (Amps)	462.40	

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PRICING SET	ADDENDUM #1	ADDENDUM #2	ADDENDUM #3	ADDENDUM #4	BUILDING PLAN REVIEW	REVISION
04-12-2017	04-26-2017	05-05-2017	05-11-2017	05-21-2017		
MDC	MDC	MDC	MDC	MDC		BY
						DATE
						SYMBOL

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CLIENT: **City of Dunwoody**
PROJECT: **BASEBALL FACILITIES AT BROOK RUN PARK**

DESIGNED: [] DRAWN: [] CHECKED: [] DATE: []
CLO: [] CLO: [] CLO: [] SCALE: AS SHOWN
PROJECT NO: C-1810-10
DRAWING TITLE: ELECTRICAL SCHEDULES

DRAWING NO. **E-6.00**

SHEET OF

RAC #: 1700200

