GEORGE DILBOY MEMORIAL STADIUM TURF REPLACEMENT& TRACK RESURFACING PROJECTS

Drawing Index

		Date	Revised
EX-1	SITE SURVEY	05/27/20	
L100	SITE PREPARATION PLAN	01/04/21	
L200	LAYOUT & MATERIALS & GRADING PLAN	01/04/21	
L300	DETAILS	01/04/21	
C3	RECORD DRAWINGS INCLUDED FOR REFERENCE (TRACK AND FIELD AS-BUILT CIVIL/DRAINAGE PLANS)	12/01/04	
L2	RECORD DRAWINGS INCLUDED FOR REFERENCE (TRACK AND FIELD AS-BUILT DESIGN PLANS)	12/18/07	

George Dilboy Memorial Stadium
110 Alewife Brook Parkway
Somerville, Massachusetts 02144

Locus Map (NTS)

Prepared For:

CITY OF SOMERVILLE, MASSACHUSETTS
Joseph A. Curtatone, Mayor

George Proakis, Executive Director
Mayor's Office of Strategic Planning and Community Development

Luisa Oliveira,
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City Hall
93 Highland Avenue
Somerville, MA 02143
(617) 625-6600 ext. 2529
loliveira@somervillema.gov

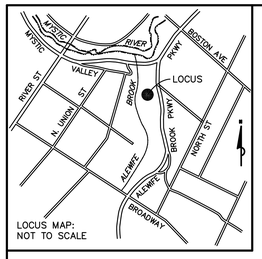
Project Prepared By:

WARNER LARSON
LANDSCAPE ARCHITECTS
130 WEST BROADWAY, BOSTON MA 02127
617.464.1440 warnerlarson.com

SUVERYOR:
Precision Land Surveying, Inc.
32 Turnpike Road
Southborough, MA 01772
T: (508)-460.1789
W: www.pls-inc.net

JANUARY 4, 2021

BID DOCUMENTS



LOCUS MAP:
NOT TO SCALE

LEGEND:

BERM	BITUMINOUS CONCRETE BERM
BIT CONC	BITUMINOUS CONCRETE
CB	CATCH BASIN
CLF	CHAIN LINK FENCE
COMM	COMMUNICATIONS
CONC	CONCRETE
ELEC	ELECTRIC
EMH	ELECTRIC MANHOLE
GC	GRANITE CURB
I=	INVERT=
MC	METAL COVER
MET	METAL
P	POST
R=	RIM=
S	SIGN
TD	TRENCH DRAIN
TR	TRANSFORMER
WF	WETLAND FLAG
26"T	26" TREE

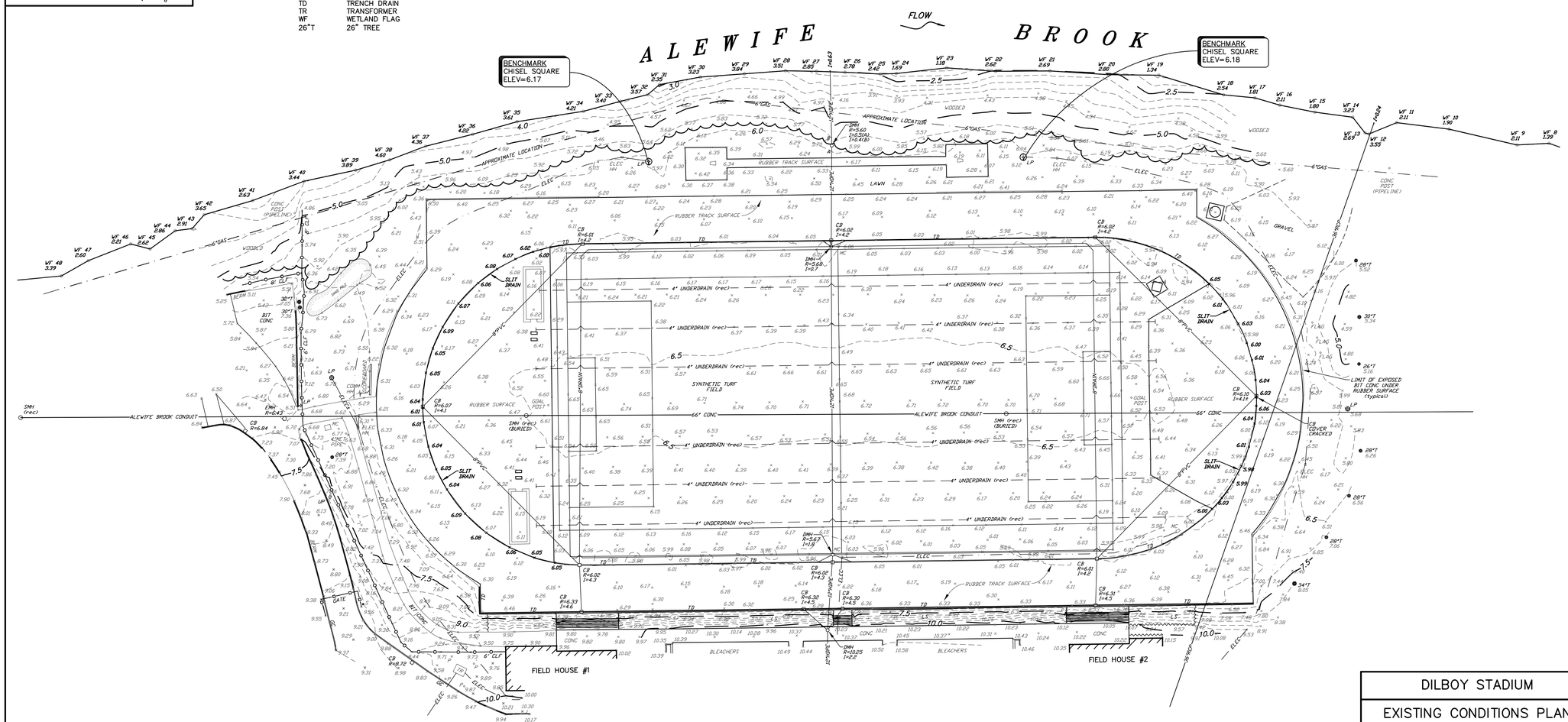
NOTES:

1) ELEVATIONS SHOWN HEREON ARE BASED ON THE NORTH AMERICAN VERTICAL DATUM OF 1929 (NGVD29), AND WERE DETERMINED BY GPS OBSERVATIONS AND AN OPUS REDUCTION ON MAY 26, 2020.

2) THIS PLAN AND THE SURVEY ON WHICH IT WAS BASED WERE PREPARED WITHOUT THE BENEFIT OF A TITLE REPORT, AND ARE SUBJECT TO THE FINDINGS SUCH A REPORT MAY DISCLOSE.

3) PROPERTY LINES WERE NOT INVESTIGATED AS A PART OF THE CURRENT WORK EFFORT.

4) WETLAND FLAGS SHOWN HEREON WERE HUNG BY GODDARD CONSULTING, INC., IN MAY OF 2020, AND WERE FIELD LOCATED BY THIS OFFICE.



REFERENCES:

"AS-BUILT, PROJECT MDC991 DC1, DILBOY MEMORIAL STADIUM, DRAWING NO. C3, SCALE 1"=40', DATE: DECEMBER 1, 2004, BY H.W. MOORE ASSOC., INC.

"AS-BUILT, PROJECT MDC991 DC1, DILBOY MEMORIAL STADIUM, DRAWING NO. C4, SCALE 1"=40', DATE: DECEMBER 1, 2004, BY H.W. MOORE ASSOC., INC.

UNDERGROUND UTILITIES WERE COMPILED FROM AVAILABLE RECORD PLANS OF UTILITY COMPANIES AND PUBLIC AGENCIES AND ARE APPROXIMATE ONLY. BEFORE DESIGN AND CONSTRUCTION CALL "DIG SAFE" 1-888-344-7233. SOME DATA IS CONFLICTING AND CAN ONLY BE VERIFIED BY EXCAVATION.

DILBOY STADIUM

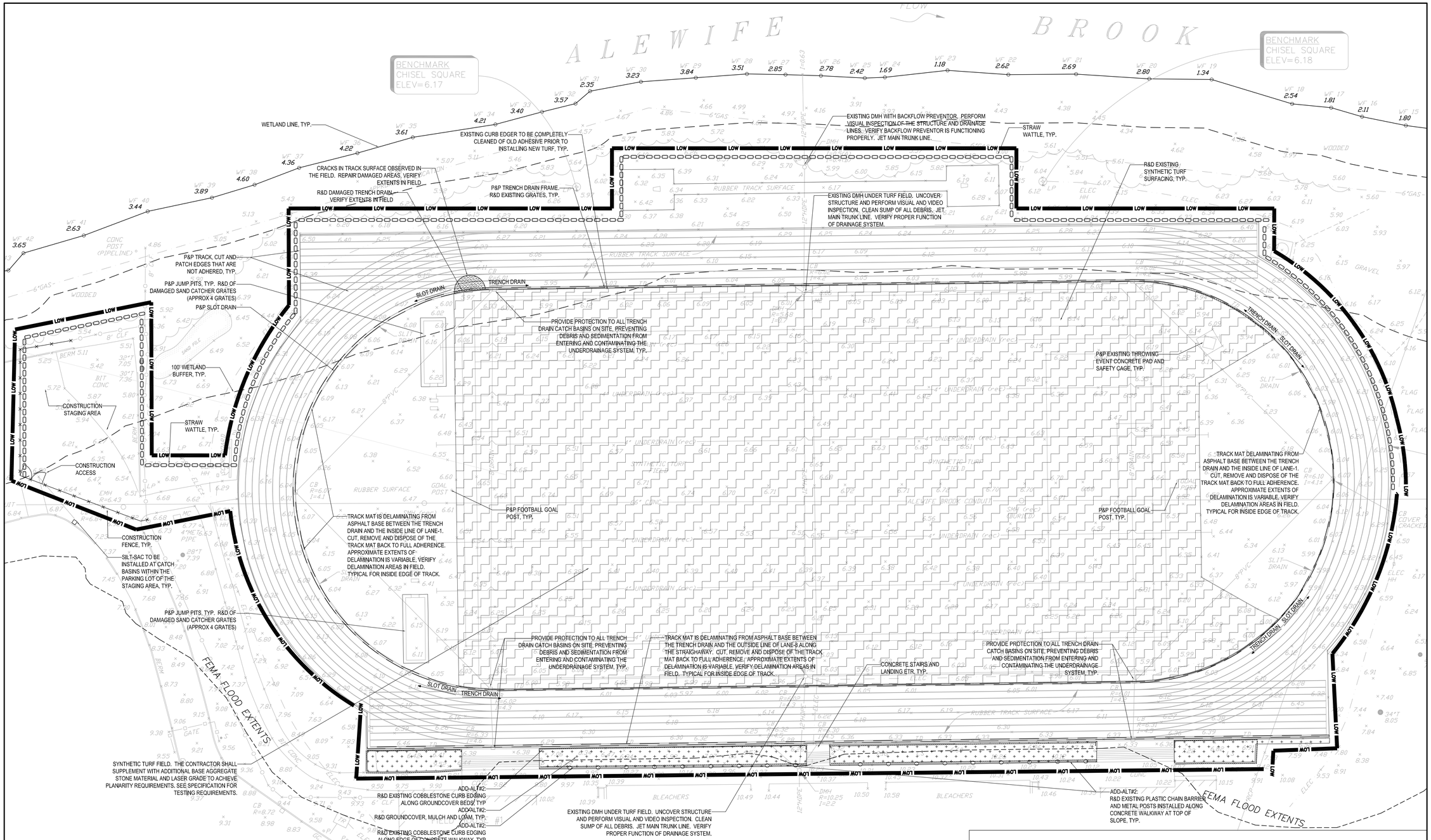
EXISTING CONDITIONS PLAN
IN
SOMERVILLE, MA
(MIDDLESEX COUNTY)

SCALE: 1"= 30' DATE: MAY 27, 2020

0 30 60 90 120 ft

Precision Land Surveying, Inc.
32 Turnpike Road
Southborough, Massachusetts 01772
TELE NO.: (508) 460-1789 FAX NO.:(508) 970-0096

4792TP1.DWG

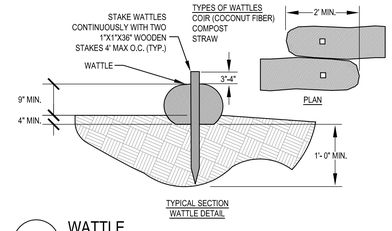


LEGEND:

LOW	LIMIT OF WORK
	R&D OF CURBING
	R&D OF FENCING
	STRAW WATTLE
	R&D SYNTHETIC TURF
	R&D GROUNDCOVER AND LOAM
R&D	REMOVE AND DISPOSE
P&P	PRESERVE AND PROTECT
ETR	EXISTING TO REMAIN

NOTES:

1. EXISTING CONDITIONS INFORMATION IS FROM A SURVEY PERFORMED BY PRECISION LAND SURVEYING, INC. 32 TURNPIKE ROAD, SOUTHBOROUGH, MA, 01772. DATED MAY 27, 2020.
2. CONTRACTOR SHALL REMOVE ALL EXISTING STRUCTURES, SHRUBS, ETC. NECESSARY TO COMPLETE THE WORK UNDER THIS CONTRACT. ALL ITEMS INDICATED ON THE DRAWINGS AND LOCATED WITHIN THE LIMIT OF WORK LINE SHALL BE REMOVED AND LEGALLY DISPOSED OF UNLESS NOTED OTHERWISE.
3. ITEMS TO BE SALVAGED SHALL BE STORED ON-SITE WITHIN CONSTRUCTION FENCING AND SHALL BE PROTECTED FROM DAMAGE DURING CONSTRUCTION.
4. CONTRACTOR SHALL NOTIFY DIGSAFE (1-888-DIG-SAFE) AND VERIFY UNDERGROUND UTILITIES PRIOR TO EXCAVATION.
5. CONTRACTOR IS RESPONSIBLE FOR REPAIRING ANY DAMAGE CAUSED TO ROADS, WALKS, UTILITIES, SITE IMPROVEMENTS, EXISTING OR PROPOSED, DAMAGED BY THIS PROJECT.
6. CONTRACTOR SHALL VERIFY ALL CONDITIONS IN THE FIELD AND REPORT ANY DISCREPANCIES TO THE LANDSCAPE ARCHITECT PRIOR TO STARTING WORK.
7. ALL WORK SHALL COMPLY WITH ALL LOCAL AND STATE REGULATORY AGENCIES' REQUIREMENTS.



1 WATTLE

SCALE: NOT TO SCALE

WARNER LARSON
LANDSCAPE ARCHITECTS
130 WEST BROADWAY, BOSTON MA 02127
617.464.1440 warnerlarson.com

GEORGE DILBOY MEMORIAL STADIUM TURF REPLACEMENT & TRACK RESURFACING PROJECT

SOMERVILLE MASSACHUSETTS

PREPARED FOR:

CITY OF SOMERVILLE
#IFB 21-30

BID DOCUMENTS

REVISIONS

NO.	DATE	DESCRIPTION

DATE: 01-04-2021

SCALE: 1"=20'-0"

JOB #: 22005

DRAWN BY: AA, JM

CHECKED BY: DW, JM

SITE PREPARATION PLAN

L100

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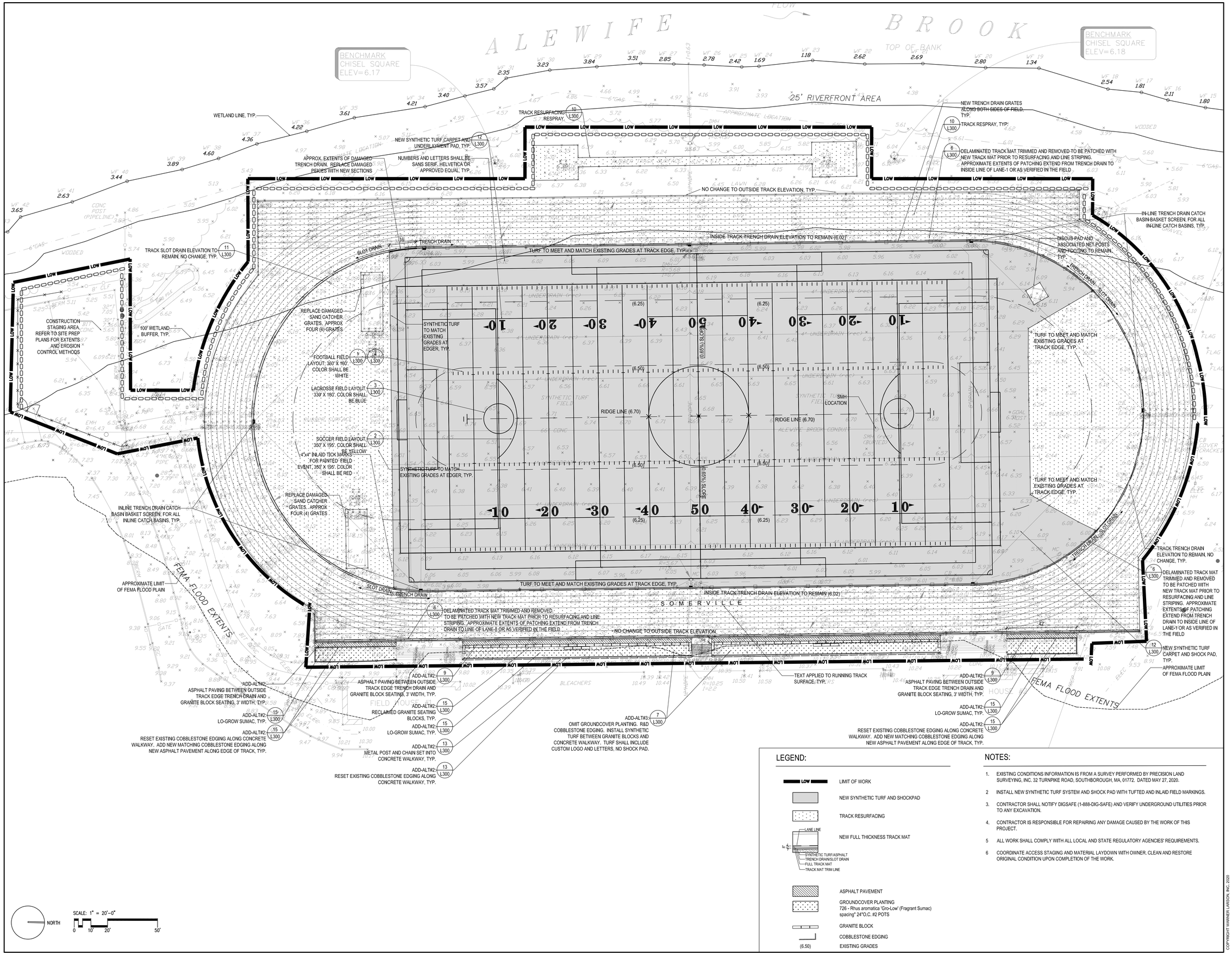

LEGEND:

- LIMIT OF WORK
- NEW SYNTHETIC TURF AND SHOCKPAD
- TRACK RESURFACING
- NEW FULL THICKNESS TRACK MAT (LANE LINE; SYNTHETIC TURF/ASPHALT; TRENCH DRAIN/SLOT DRAIN; FULL TRACK MAT; TRACK MAT TRIM LINE)
- ASPHALT PAVEMENT
- GROUNDCOVER PLANTING 726 - Rhus aromatica 'Gro-Low' (Fragrant Sumac) spacing* 24"O.C. #2 POTS
- GRANITE BLOCK
- COBBLESTONE EDGING
- (6.50) EXISTING GRADES

NOTES:

1. EXISTING CONDITIONS INFORMATION IS FROM A SURVEY PERFORMED BY PRECISION LAND SURVEYING, INC. 32 TURNPIKE ROAD, SOUTHBOROUGH, MA, 01772. DATED MAY 27, 2020.
2. INSTALL NEW SYNTHETIC TURF SYSTEM AND SHOCK PAD WITH TUFTED AND INLAID FIELD MARKINGS.
3. CONTRACTOR SHALL NOTIFY DIGSAFE (1-888-DIG-SAFE) AND VERIFY UNDERGROUND UTILITIES PRIOR TO ANY EXCAVATION.
4. CONTRACTOR IS RESPONSIBLE FOR REPAIRING ANY DAMAGE CAUSED BY THE WORK OF THIS PROJECT.
5. ALL WORK SHALL COMPLY WITH ALL LOCAL AND STATE REGULATORY AGENCIES' REQUIREMENTS.
6. COORDINATE ACCESS STAGING AND MATERIAL LAYDOWN WITH OWNER. CLEAN AND RESTORE ORIGINAL CONDITION UPON COMPLETION OF THE WORK.

WARNER LARSON
LANDSCAPE ARCHITECTS
130 WEST BROADWAY, BOSTON MA 02127
617.464.1440 warnerlarson.com

GEORGE DILBOY MEMORIAL STADIUM TURF REPLACEMENT & TRACK RESURFACING PROJECT

SOMERVILLE MASSACHUSETTS

PREPARED FOR:

CITY OF SOMERVILLE
#IFB 21-30

BID DOCUMENTS

REVISIONS

NO.	DATE	DESCRIPTION

DATE: 01-04-2021

SCALE: 1"=20'-0"

JOB #: 22005

DRAWN BY: AA, JM

CHECKED BY: DW, JM

LAYOUT, MATERIALS & GRADING PLAN

L200

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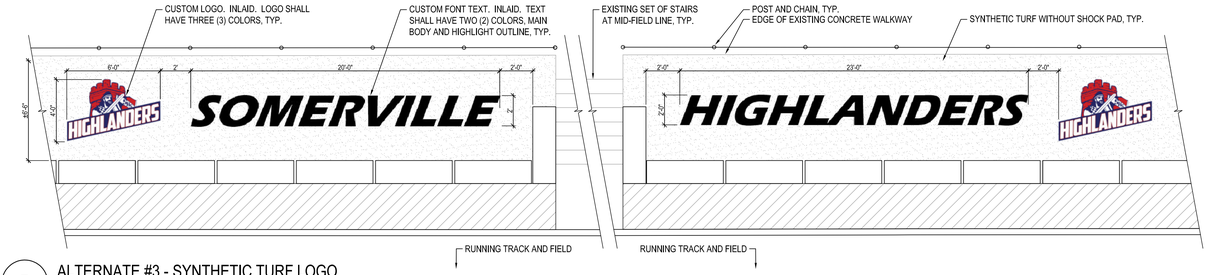
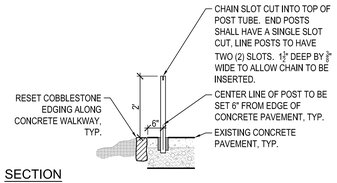
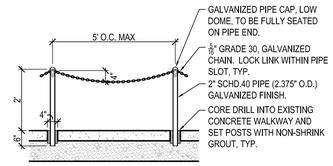


7 ALTERNATE #3 - SYNTHETIC TURF LOGO

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



SECTION

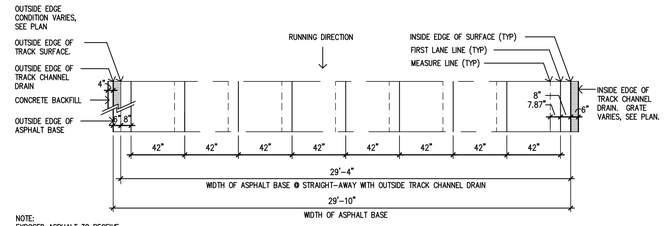


NOTES:
1. REFER TO SPECIFICATIONS FOR MATERIAL REQUIREMENTS.
2. FINISH FOR POST, CAP AND CHAIN TO BE GALVANIED

ELEVATION

13 ALTERNATE #2 - POST AND CHAIN

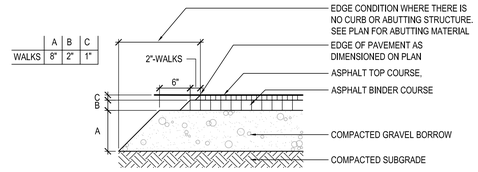
SCALE: 1/2" = 1'-0"



NOTE:
EXPOSED ASPHALT TO RECEIVE AN APPLICATION OF COLORED STRUCTURAL SPRAY TO MATCH RESILIENT SURFACE.

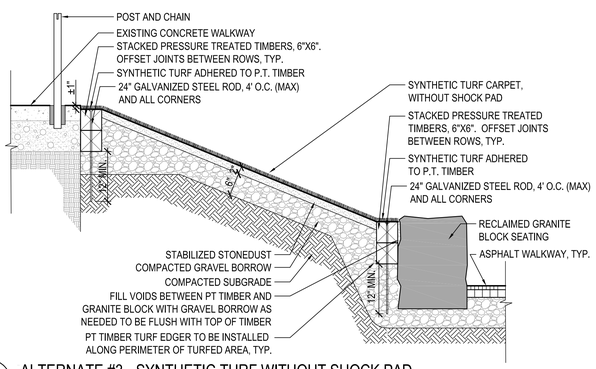
8 (AS BUILT) 8 LANE TRACK

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



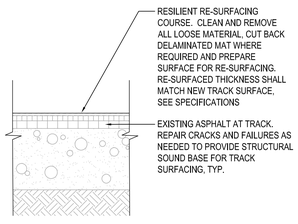
9 ALTERNATE #2 - ASPHALT WALKWAY PAVING

SCALE: 1" = 1'-0"



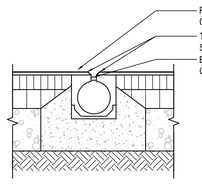
14 ALTERNATE #3 - SYNTHETIC TURF WITHOUT SHOCK PAD

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



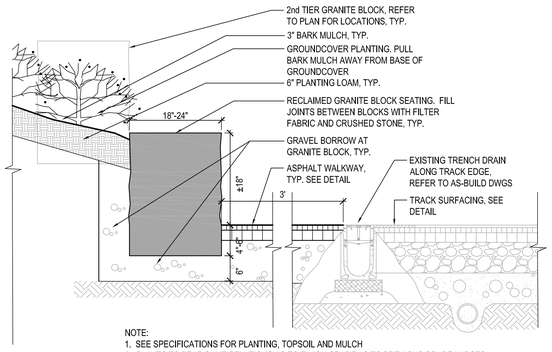
10 RESILIENT TRACK SURFACING (RESPRAY)

SCALE: 1" = 1'-0"



11 TRACK AT EXISTING D-ZONE SLOT DRAIN

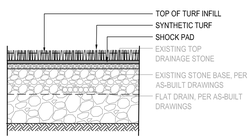
SCALE: 1" = 1'-0"



NOTE:
1. SEE SPECIFICATIONS FOR PLANTING, TOPSOIL AND MULCH
2. PLANTS TO BEAR SAME RELATIONSHIP TO FINISH GRADE AS TO PREVIOUS GRADE IN POTS

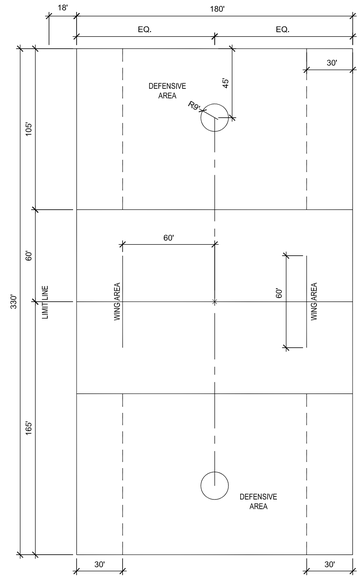
15 ALTERNATE #2 - GRANITE SEATING AT SLOPE

SCALE: 1" = 1'-0"



12 SYNTHETIC TURF

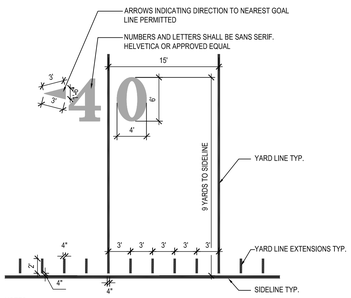
SCALE: 1" = 1'-0"



NOTES:
1. 10' MINIMUM OVERRUN.
2. SHALL COMPLY WITH NATIONAL FEDERATION OF STATE HIGH SCHOOL ASSOCIATIONS (NFHS) FIELD GUIDELINES FOR HIGH SCHOOL LACROSSE FIELD
3. FOR SYNTHETIC TURF APPLICATIONS, SEE SPECIFICATIONS FOR TUFTED / INLAID REQUIREMENTS AND LINE COLOR.

3 LACROSSE

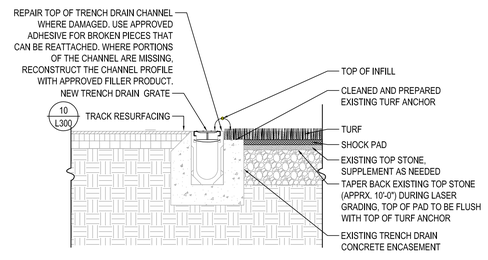
SCALE: 1"=40'-0"



NOTES:
1. FOLLOW NCAA FIELD GUIDELINES FOR HIGH SCHOOL FOOTBALL 11-PLAYER FIELD
2. SEE SPECIFICATIONS FOR LINE COLORS

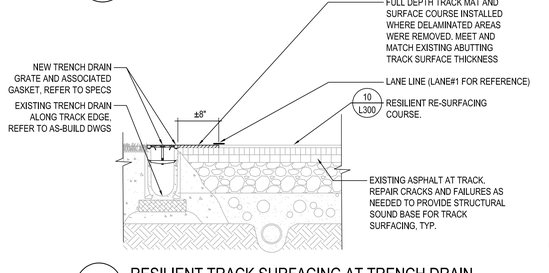
4 FOOTBALL ENLARGEMENT

SCALE: NTS



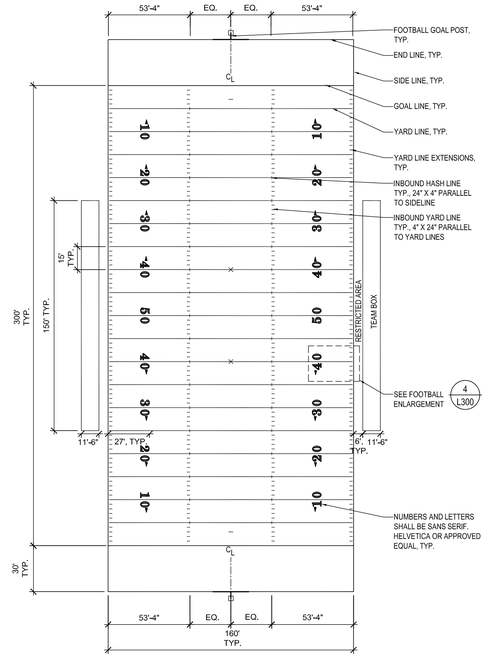
5 SYNTHETIC TURF & TRACK AT EX. TRENCH DRAIN

SCALE: 1" = 1'-0"



6 RESILIENT TRACK SURFACING AT TRENCH DRAIN

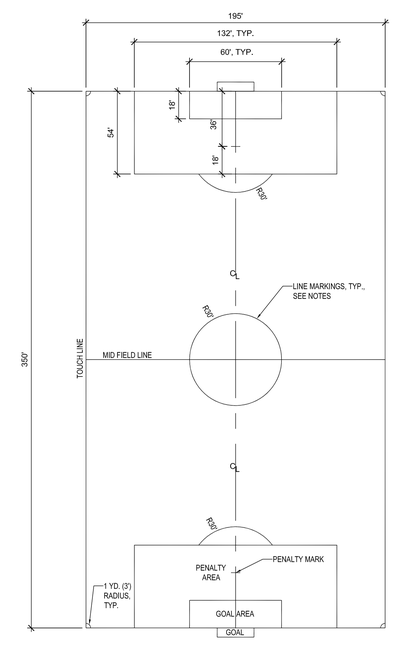
SCALE: 1" = 1'-0"



NOTES:
1. THE LINES REPRESENTING THE GOAL LINES, SIDELINES AND END LINES ARE OUTSIDE THE DIMENSIONS SHOWN.
2. THE YARD LINES ARE MARKED WITH THE MEASURED DISTANCE IN THE MIDDLE OF THE LINE
3. 10' MINIMUM OVERRUN. SEE LAYOUT PLAN FOR OVERRUN DIMENSIONS.
4. SHALL COMPLY WITH NATIONAL FEDERATION OF STATE HIGH SCHOOL ASSOCIATIONS (NFHS) FIELD GUIDELINES FOR HIGH SCHOOL FOOTBALL FIELD
5. SEE SPECIFICATIONS FOR TUFTED / INLAID REQUIREMENTS AND LINE COLOR.

1 FOOTBALL LAYOUT

SCALE: 1"=40'-0"



NOTES:
1. SHALL COMPLY WITH NATIONAL FEDERATION OF STATE HIGH SCHOOL ASSOCIATIONS (NFHS) FIELD GUIDELINES FOR HIGH SCHOOL SOCCER FIELD
2. FOR SYNTHETIC TURF APPLICATIONS, SEE SPECIFICATIONS FOR TUFTED / INLAID REQUIREMENTS AND LINE COLOR.

2 SOCCER LAYOUT

SCALE: 1"=40'-0"

WARNER LARSON
LANDSCAPE ARCHITECTS
130 WEST BROADWAY, BOSTON MA 02127
617.464.1440 warnerlarson.com

GEORGE DILBOY MEMORIAL STADIUM TURF REPLACEMENT & TRACK RESURFACING PROJECT

SOMERVILLE MASSACHUSETTS

PREPARED FOR:

CITY OF SOMERVILLE
#IFB 21-30

BID DOCUMENTS

REVISIONS

NO.	DATE	DESCRIPTION

DATE: 01-04-2021
SCALE: VARIES
JOB #: 22005
DRAWN BY: AA, JM
CHECKED BY: DW, JM

DETAILS

L300

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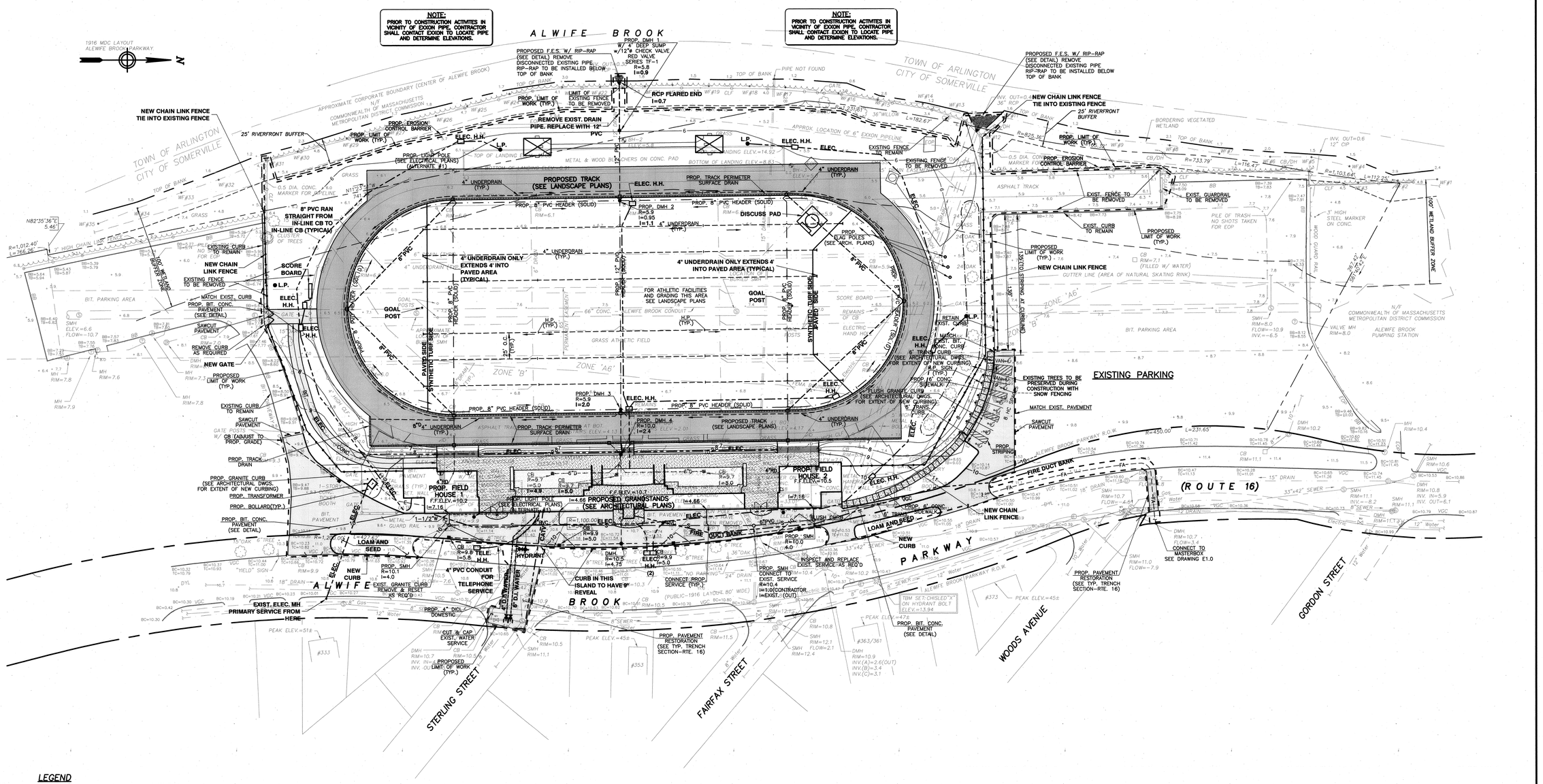


LEGEND

EXISTING		PROPOSED
CLF	– CHAIN LINK FENCE	
	– GUARD RAIL	
BB	– BIT. BERM	
EOP	– EDGE OF PAVEMENT	
VGC	– VERTICAL GRANITE CURB	
BH-2	– BORING LOCATION AND NUMBER	
	– TREE	
	– TOP OF BANK	
	– WETLAND LINE	
WF#13	– DENOTES WETLAND FLAG AND NUMBER	
	– SIGN	
+ 11.1	– SPOT GRADE	x 6.5
	– CATCH BASIN	CB
	– DRAIN MANHOLE	DMH
	– UNKNOWN MANHOLE	
	– SEWER MANHOLE	SMH
	– WATER VALVE	WV
	– GAS VALVE	
	– ELECTRIC MANHOLE	
	– DOUBLE YELLOW PAINT STRIPE	
	– FLAG POLE	
CB/DH	– CONCRETE BOUND WITH DRILL HOLE	
	– EDGE OF SCRUB/WOODS	
18" DRAIN	– SUBSURFACE STORM DRAIN LINE	D
Gas	– SUBSURFACE GAS LINE	G
Sewer	– SUBSURFACE SEWER LINE	S
Electric	– SUBSURFACE ELECTRIC LINE	E
12" Water	– SUBSURFACE WATER LINE	W
	– UNDERDRAIN	UNDERDRAIN
	– TRACK PERIMETER SURFACE DRAIN	
	– TRANSFORMER	T
	– LIMIT OF WORK	
	– EROSION CONTROL BARRIER	
	– CEMENT CONCRETE SIDEWALK	

NOTES (SURVEY):

1. TOPOGRAPHY & SITE DETAIL SHOWN HEREON ARE A RESULT OF AN ON-THE-GROUND FIELD SURVEY PERFORMED BY COLER & COLANTONIO INC. IN NOVEMBER OF 2000.

2. PRIMARY GEODETIC SURVEY CONTROL WAS ESTABLISHED FROM ON THE GROUND SURVEY USING THE GLOBAL POSITIONING SYSTEM (GPS) ON NOVEMBER 16, 2000. ELEVATIONS ARE REFERENCED TO THE NGVD 29 VERTICAL DATUM. (MDC BASE = NGVD 29 + 105.62')

3. LOCATION AND DEPTH OF UNDERGROUND UTILITIES IS APPROXIMATE ONLY, AND IS NOT WARRANTED TO BE CORRECT. UNDERGROUND UTILITIES ARE SHOWN BASED ON RECORD DATA PROVIDED BY THE OPERATING AUTHORITIES, AND HAVE BEEN FIELD INSPECTED WHERE POSSIBLE. ADDITIONAL UTILITIES MAY EXIST WHICH ARE NOT INDICATED ON THESE PLANS. ALL EXISTING UTILITIES SHALL BE VERIFIED FOR SERVICE, SIZE, INVERT ELEVATION, LOCATIONS, ETC. PRIOR TO NEW CONNECTIONS TO OR RELOCATION OF SAME. CONTRACTOR MUST NOTIFY DIG-SAFE AT 1-888-344-7233 AT LEAST 72 HOURS PRIOR TO ANY CONSTRUCTION.

4. THE LOCUS LIES PARTIALLY IN F.I.R.M. ZONE 'B' (AREA BETWEEN LIMITS OF THE 100 YEAR FLOOD, AND 500 YEAR FLOOD) AND PARTIALLY IN F.I.R.M. ZONE 'A6' (AREA OF 100 YEAR FLOOD, BASE ELEVATIONS AND FLOOD HAZARD FACTORS DETERMINED). THE FEMA BOUNDARY SHOWN HEREON IS GRAPHICALLY LOCATED AS SHOWN ON F.I.R.M. COMMUNITY PANEL NUMBER 250214 0001 B, EFFECTIVE DATE, JULY 17, 1996.

5. WETLAND LINES SHOWN HEREON WERE DELINEATED BY COLER & COLANTONIO INC., ON NOVEMBER 16, 2000.

6. THE SANITARY CONNECTION FROM THE STADIUM AS SHOWN HEREON IS FROM RECORD PLANS. DUE TO THE CONFIGURATION OF THE MANHOLE SHELVES, THE ACTUAL LOCATION AND INVERT COULD NOT BE OBSERVED IN THE FIELD.

NOTES

1. ALL AREAS WITHIN THE LIMIT OF WORK LINE NOT PAVED, COVERED WITH STRUCTURES, SYNTHETIC TURF OR TRACK SYSTEM SHALL RECEIVE NEW LOAM AND SEED (SEE LANDSCAPE PLANS).

2. REFER TO ELECTRICAL DRAWING E1.0 FOR UNDERGROUND ELECTRICAL, CABLE TV AND TELEPHONE LOCATIONS.

3. ALL NEW CURBING SHALL BE GRANITE UNLESS OTHERWISE NOTED.

4. COORDINATE LIMITS OF TRENCH EXCAVATION WITH AFFECTED UTILITY COMPANIES.

5. COORDINATE PAVING LIMITS WITH LOCATION OF PROPOSED UTILITIES

LEGEND

- BITUMINOUS CONCRETE
- CEMENT CONCRETE
- GRAVEL

REFERENCE:

EXISTING CONDITIONS INCLUDING UTILITY, TOPOGRAPHIC AND PROPERTY LINE INFORMATION SHOWN IS BASED ON A PLAN AND DIGITAL FILE ENTITLED "EXISTING CONDITIONS PLAN, DILBOY STADIUM, ALEWIFE BROOK PARKWAY, SOMERVILLE, MA" PREPARED FOR BARGMANN HENDRIE + ARCHETYPE INC., DATED 01-22-01, PROGRESS PRINT, PREPARED BY COLER & COLANTONIO INC., ENGINEERS AND SCIENTISTS OF NORWELL, MA.

NOTE:
THESE DRAWINGS HAVE BEEN MODIFIED FROM THE ORIGINAL CONTRACT DRAWINGS TO INCORPORATE AS-BUILT INFORMATION PROVIDED BY THE GENERAL CONTRACTOR, WES CONSTRUCTION.

AS-BUILT

REVISIONS		
NO.	DESCRIPTION	DATE

PROJECT MDC991 DC1
REPLACEMENT OF MDC DILBOY MEMORIAL STADIUM

THE COMMONWEALTH OF MASSACHUSETTS
DIVISION OF CAPITAL ASSET MANAGEMENT

AS-BUILT SITE PLAN

BARGMANN HENDRIE + ARCHETYPE, INC. ARCHITECTS
316 SUMMER STREET BOSTON, MA 02210

H.W. MOORE ASSOC., INC.
112 SHAWMUT AVENUE BOSTON, MA 02118 (617)357-9145

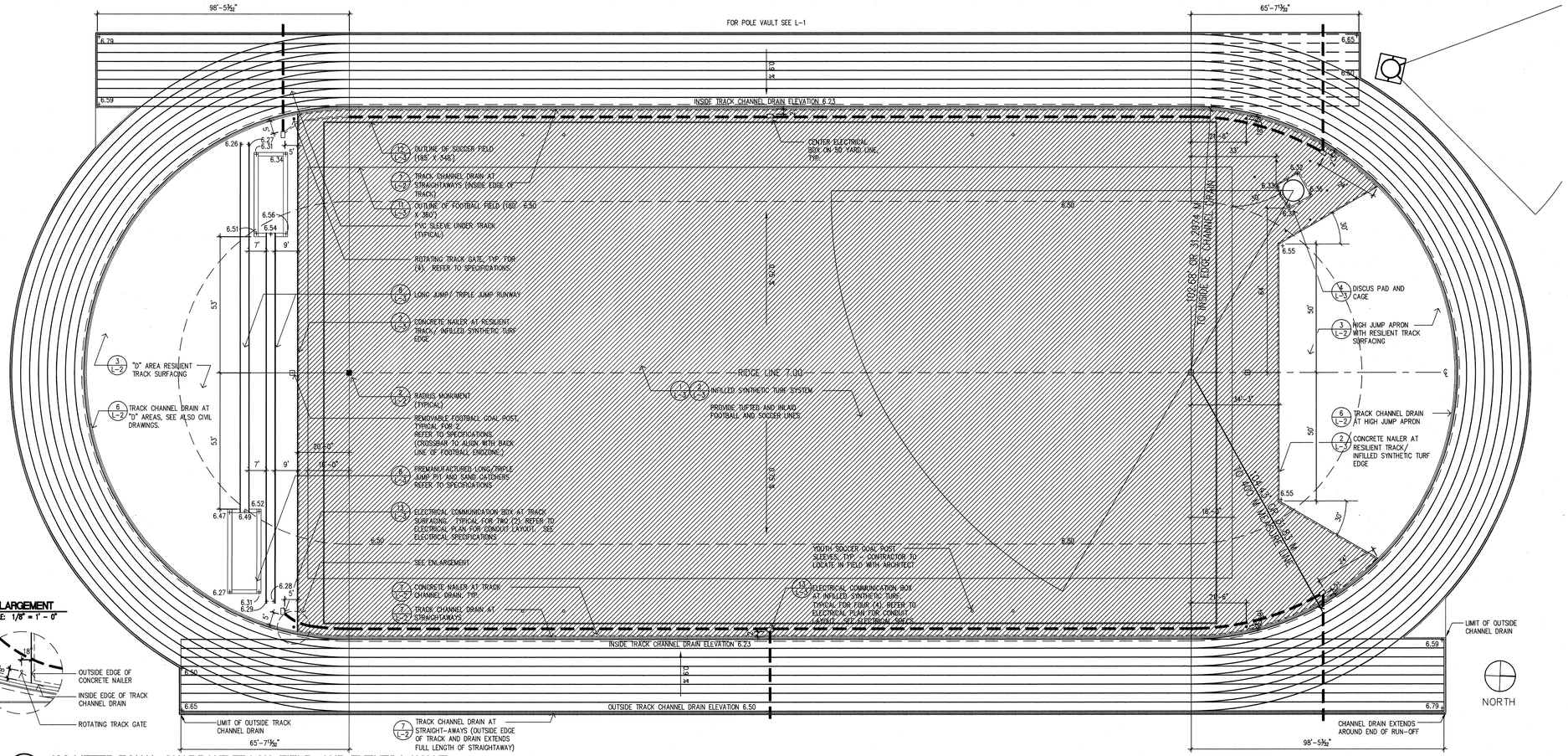
DRAWN:
TRACED:
CHECKED:

SCALE: 1" = 40'
DATE: DECEMBER 1, 2004

DRAWING NO. C3

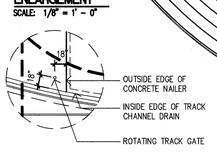
C:\2044\2044-s19-AS-BUILT.dwg 12/17/2007 2:32:54 PM EST

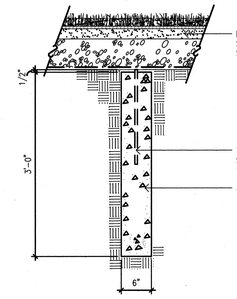
Drawing File: 2044-s19-AS-BUILT.dwg Tab: Model Plotted on: Dec 17, 2007 - 2:06pm Plotted By: jgethwell Plot Style Table 1500C.ctb



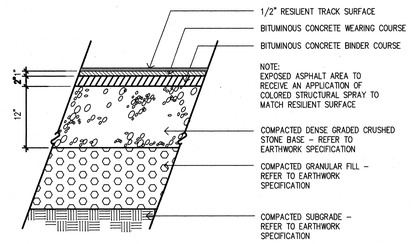
1 400 METER EQUAL QUADRANT TRACK, FIELD, AND EVENTS LAYOUT
SCALE: 1" = 20'-0"

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



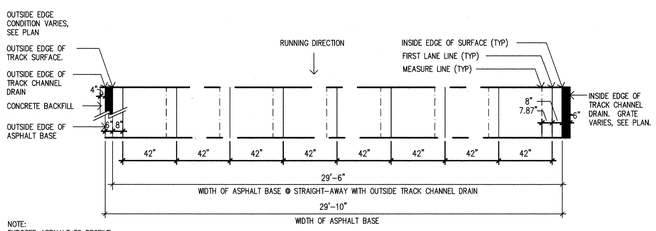


2 RADIUS MONUMENT
SCALE: 1" = 1'-0"



NOTE: SEE DETAIL #4 FOR RESILIENT TRACK SURFACE AND BITUMINOUS BASE DIMENSIONS.

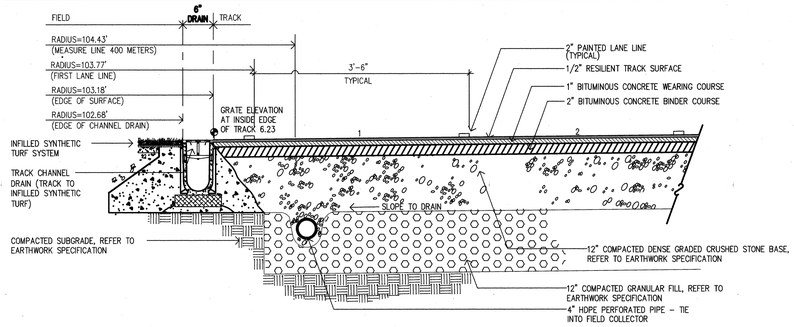
3 RESILIENT TRACK/ HIGH JUMP APRON/ RUNWAY SURFACE
SCALE: 1" = 1'-0"



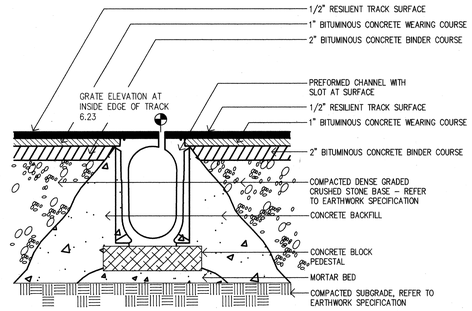
NOTE:
EXPOSED ASPHALT TO RECEIVE AN APPLICATION OF COLORED STRUCTURAL SPRAY TO MATCH RESILIENT SURFACE.

8-LANE STRAIGHT-AWAY AND OVAL

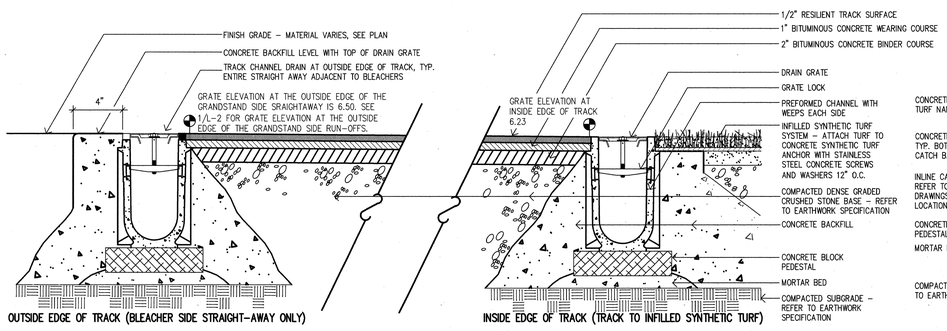
4 400 METER TRACK - BASE AND SURFACE DIMENSIONS
SCALE: 1/4" = 1'-0"



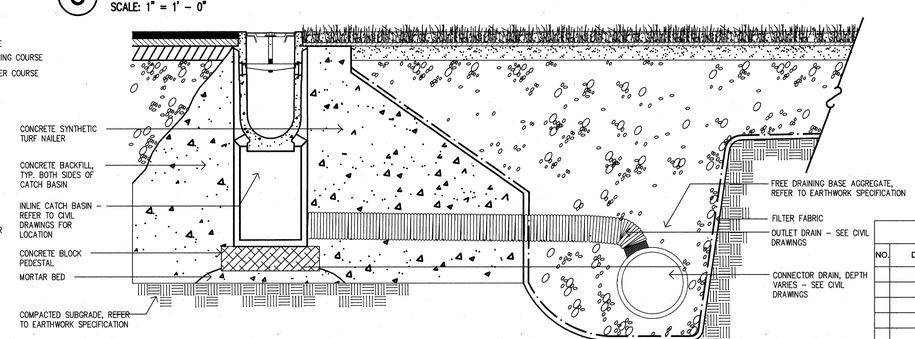
5 SECTION OF TRACK CONSTRUCTION WITH CHANNEL DRAIN AND INFILLED SYNTHETIC TURF
SCALE: 1" = 1' - 0"



6 TRACK CHANNEL DRAIN AT "D" AREA AND HIGH JUMP APRON (TRACK TO TRACK)
SCALE: N.T.S.



7 TRACK CHANNEL DRAIN AT STRAIGHTAWAYS (EDGE OF TRACK TO INFILLED SYNTHETIC TURF)
SCALE: N.T.S.



8 INLINE CATCH BASIN SECTION
SCALE: N.T.S.

THESE DRAWINGS HAVE BEEN MODIFIED FROM THE ORIGINAL CONTRACT DRAWIGNS TO INCORPORATE AS-BUILT INFORMATION PROVIDED BY THE GENERAL CONTRACTOR, WES CONSTRUCTION

RECORD DRAWINGS
DECEMBER 18, 2007

REVISIONS		
NO.	DESCRIPTION	DATE

PROJECT MDC991 DC1
REPLACEMENT OF DCR DILBOY MEMORIAL STADIUM

THE COMMONWEALTH OF MASSACHUSETTS
DIVISION OF CAPITAL ASSET MANAGEMENT

TRACK AND FIELD DETAILS I
100% CONSTRUCTION DOCUMENTS

Recreation Facilities Atlantic Field Design
77 North Washington Street Boston, MA 02114
617.523.8103 F 617.523.4333

B H + A ARCHITECTS
316 SUMMER STREET
BOSTON, MA 02210

DRAWN: MJN
TRACED:
CHECKED: EPM
SCALE: As Shown
DATE: December 1, 2004

DRAWING NO. L-2

P:\2215-dlb\dwg\