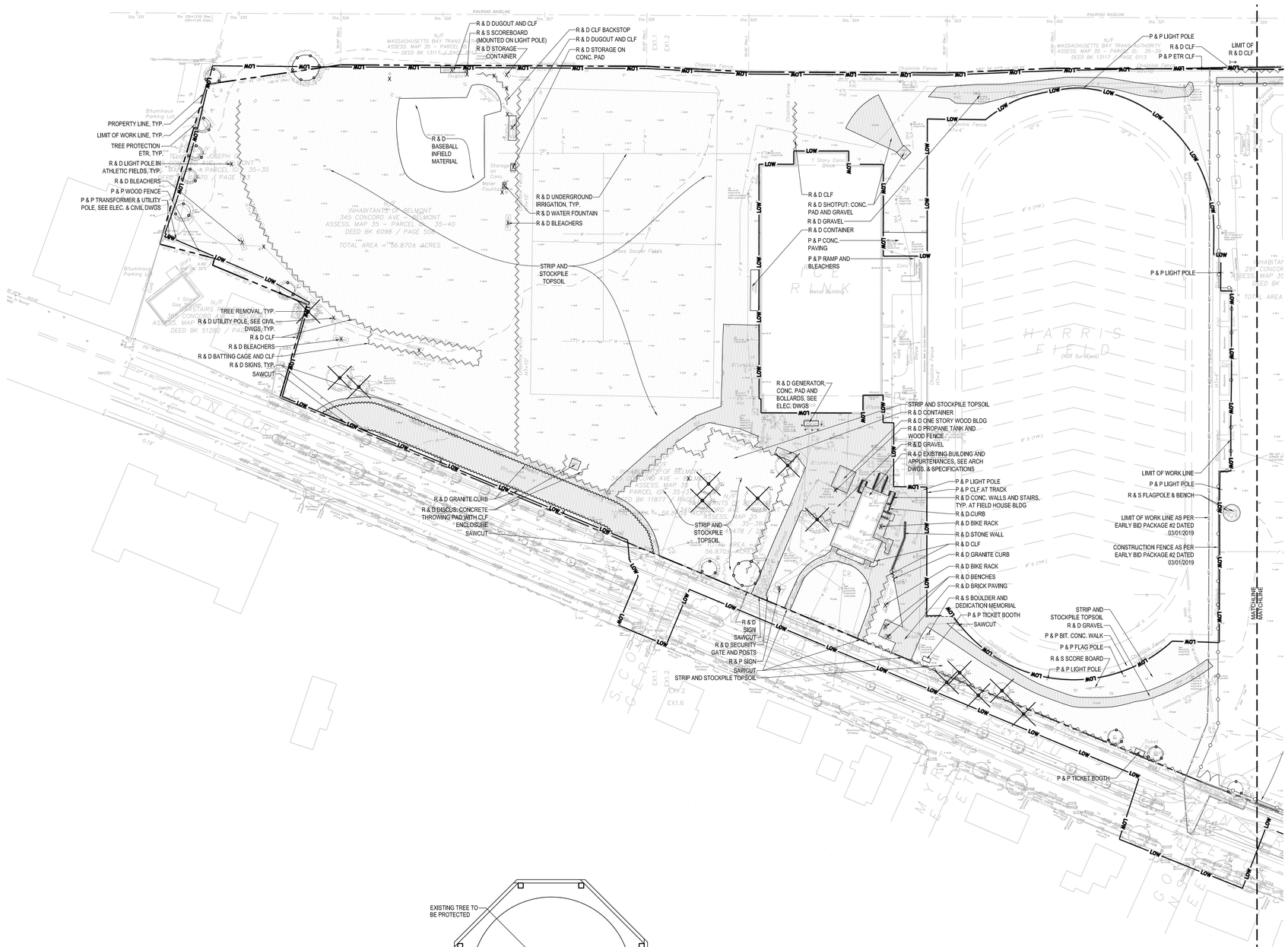
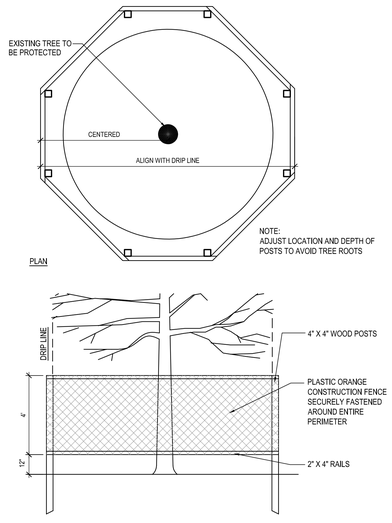




NOTES

1. TREE PROTECTION TO REMAIN IN PLACE THROUGHOUT CONSTRUCTION. REMOVE FOR FINAL LANDSCAPE TREATMENT.
2. ADJUST LOCATION OF TREE PROTECTION WITHIN TREE DRIPLINE ONLY WHEN NECESSARY TO PERFORM WORK SHOWN ON DRAWINGS.
3. STOCKPILING OF SOILS, STORING OF MATERIALS, PARKING OF VEHICLES OR LOCATION OF TEMPORARY STRUCTURES SHALL NOT OCCUR AT ANY TIME WITHIN THE DRIPLINE OF TREES TO REMAIN.

1 TREE PROTECTION

SCALE: 1" = 1'-0"

LEGEND:

LOW	LIMIT OF WORK LINE
LOW	LIMIT OF WORK LINE AS PER EARLY BID PACKAGE #2 DATED 03/01/2019
P & P	PRESERVE AND PROTECT
R & D	REMOVE AND DISPOSE
R & S	REMOVE AND SALVAGE (OWNER TO PROVIDE LOCATION FOR SALVAGED ITEMS)
ETR	EXISTING TO REMAIN PRESERVE AND PROTECT
	TREE PROTECTION - ETR (1 / L100)
	PROPERTY LINE
	CONSTRUCTION FENCE AND GATES AS PER EARLY BID PACKAGE #2 DATED 03/01/2019
	SAWCUT LINE
	REMOVE AND DISPOSE WALLS
	REMOVE AND DISCARD ASPHALT PAVING OR CONCRETE
	STRIP AND STOCKPILE TOPSOIL
	TREES TO BE REMOVED
	R & D CURBING
	R & D FENCING

SITE PREPARATION NOTES:

1. EXISTING CONDITIONS INFORMATION IS FROM A SURVEY PERFORMED BY SAMIOTES CONSULTANTS, INC. AND MAY 2018.
2. TEMPORARY CONDITION INFORMATION PER EARLY BID PACKAGE #2 DATED 03/01/2019.
3. CONTRACTOR SHALL NOTIFY DIGSAFE (1-888-DIG-SAFE) AND VERIFY UNDERGROUND UTILITIES PRIOR TO EXCAVATION.
4. CONTRACTOR IS RESPONSIBLE FOR REPAIRING ANY DAMAGE CAUSED TO ROADS, WALKS, UTILITIES, SITE IMPROVEMENTS, EXISTING OR PROPOSED, DAMAGED BY THIS PROJECT.
5. CONTRACTOR SHALL VERIFY ALL CONDITIONS IN THE FIELD AND REPORT ANY DISCREPANCIES TO THE ARCHITECT PRIOR TO STARTING WORK.
6. CONTRACTOR SHALL REMOVE ALL EXISTING STRUCTURES, FOOTINGS, PAVEMENT, WALKS, WALLS, STAIRS, TREES, SHRUBS, ETC. NECESSARY TO COMPLETE THE WORK UNDER THIS CONTRACT.
7. ALL ITEMS INDICATED "R&D" SHALL BE LEGALLY DISPOSED OF OFF-SITE UNLESS OTHER USE FOR MATERIAL IS INDICATED.
8. ITEMS TO BE SALVAGED SHALL BE STORED AS DIRECTED BY THE OWNER'S REPRESENTATIVE.
9. REFER TO UTILITY DRAWINGS FOR TREATMENT OF EXISTING SITE UTILITIES AND DRAINAGE SYSTEMS.
10. SALVAGE ALL SITE SIGNAGE REQUIRED TO BE REMOVED BY THE WORK OF THIS PROJECT, AND PROVIDE TO OWNER'S REPRESENTATIVE. DISPOSE OF FOOTINGS AND DAMAGED POSTS.
11. REFER TO CIVIL DRAWINGS FOR CONSTRUCTION FENCING & EROSION CONTROL.
12. REFER TO GEOTECHNICAL INFORMATION FOR SUBSURFACE EXPLORATION LOCATIONS AND INFORMATION.
13. ALL EXISTING TREES TO REMAIN WITHIN THE LIMIT OF WORK AND WHERE INDICATED ON THE DRAWINGS SHALL BE PRUNED IN ACCORDANCE WITH THE SPECIFICATIONS.
14. REFER TO CONSTRUCTION MANAGER'S PHASING PLANS FOR SEQUENCE OF WORK AND ASSOCIATED TEMPORARY FACILITIES AND CONDITIONS.

PERKINS + WILL
225 FRANKLIN ST., SUITE 1100
BOSTON, MA 02110
t 617.478.0300
f 617.478.0321
www.perkinswill.com

WARNER LARSON
LANDSCAPE ARCHITECTS
150 WEST BROADWAY, BOSTON MA 02127
T 617.464.1440 F 617.464.1442
www.warnerlarson.com

NOTE: DOCUMENTS ARE NOT FOR CONSTRUCTION

MASSACHUSETTS DAVID J. WARNER No. 3097 REGISTERED LANDSCAPE ARCHITECT

PROJECT

BELMONT HIGH SCHOOL
221 CONCORD AVE.
BELMONT, MA 02478

CLIENT LOGO IF AVAILABLE

TOWN OF BELMONT

KEYPLAN



REVISIONS

MARK	ISSUE	DATE

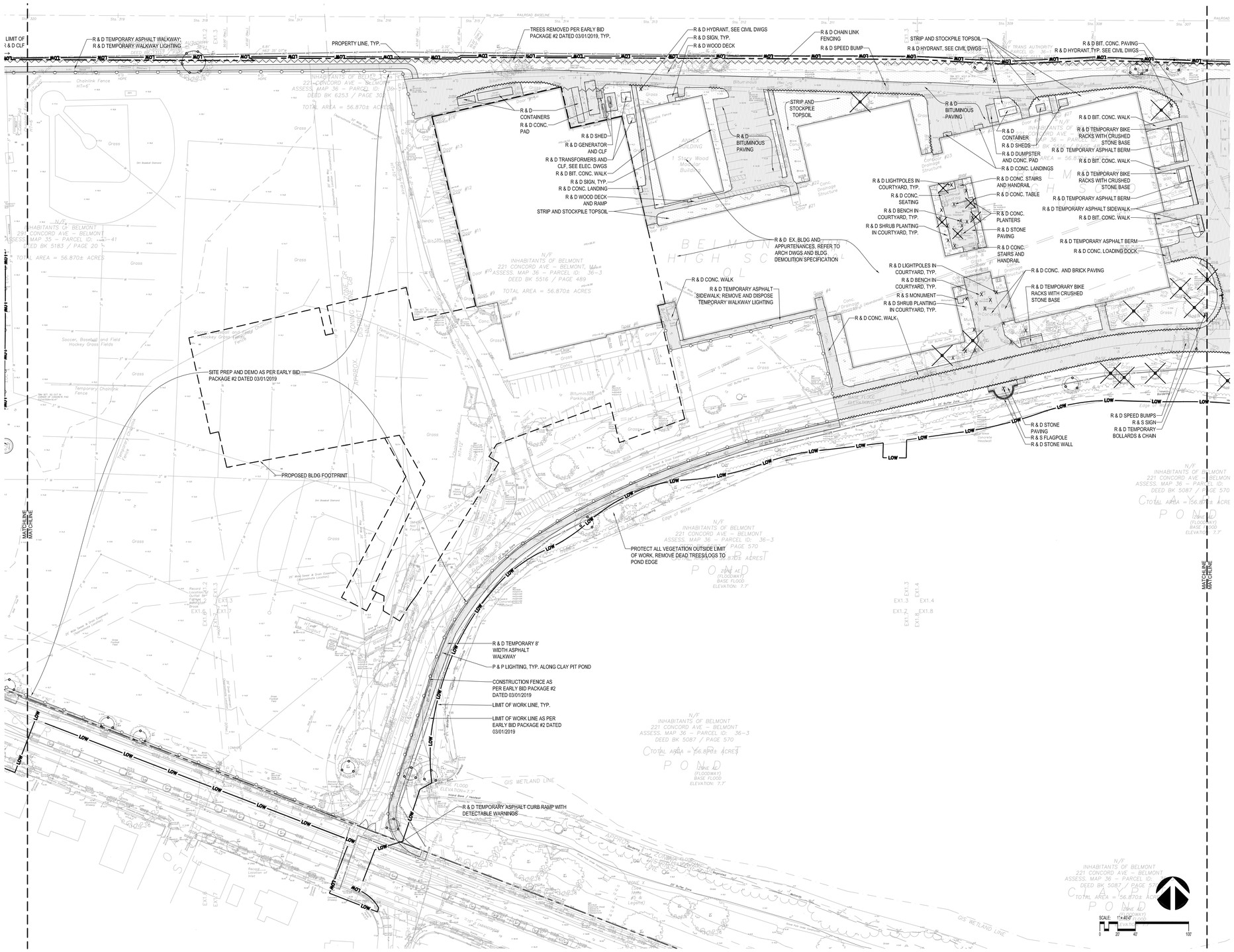
PLANNING BD SET
06.21.2019

JOB NUMBER	153003.001
DRAWN	AML
CHECKED	TJ

TITLE

SITE PREPARATION PLAN

L100



NOTE

1. REFER TO SITE PREPARATION NOTES & LEGEND ON SHEET L100.

PERKINS + WILL
225 FRANKLIN ST., SUITE 1100
BOSTON, MA 02110
t 617.476.0300
f 617.478.0321
www.perkinswill.com

WARNER LARSON
LANDSCAPE ARCHITECTS
150 WEST BROADWAY, BOSTON MA 02127
T 617.464.1440 F 617.464.1442
www.warnerlarson.com

NOTE: DOCUMENTS ARE NOT FOR CONSTRUCTION

MASSACHUSETTS DAVID J. WARNER NO. 6105 REGISTERED LANDSCAPE ARCHITECT

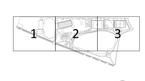
PROJECT

BELMONT HIGH SCHOOL
221 CONCORD AVE.
BELMONT, MA 02478

CLIENT LOGO IF AVAILABLE

TOWN OF BELMONT

KEYPLAN



REVISIONS

MARK	ISSUE	DATE

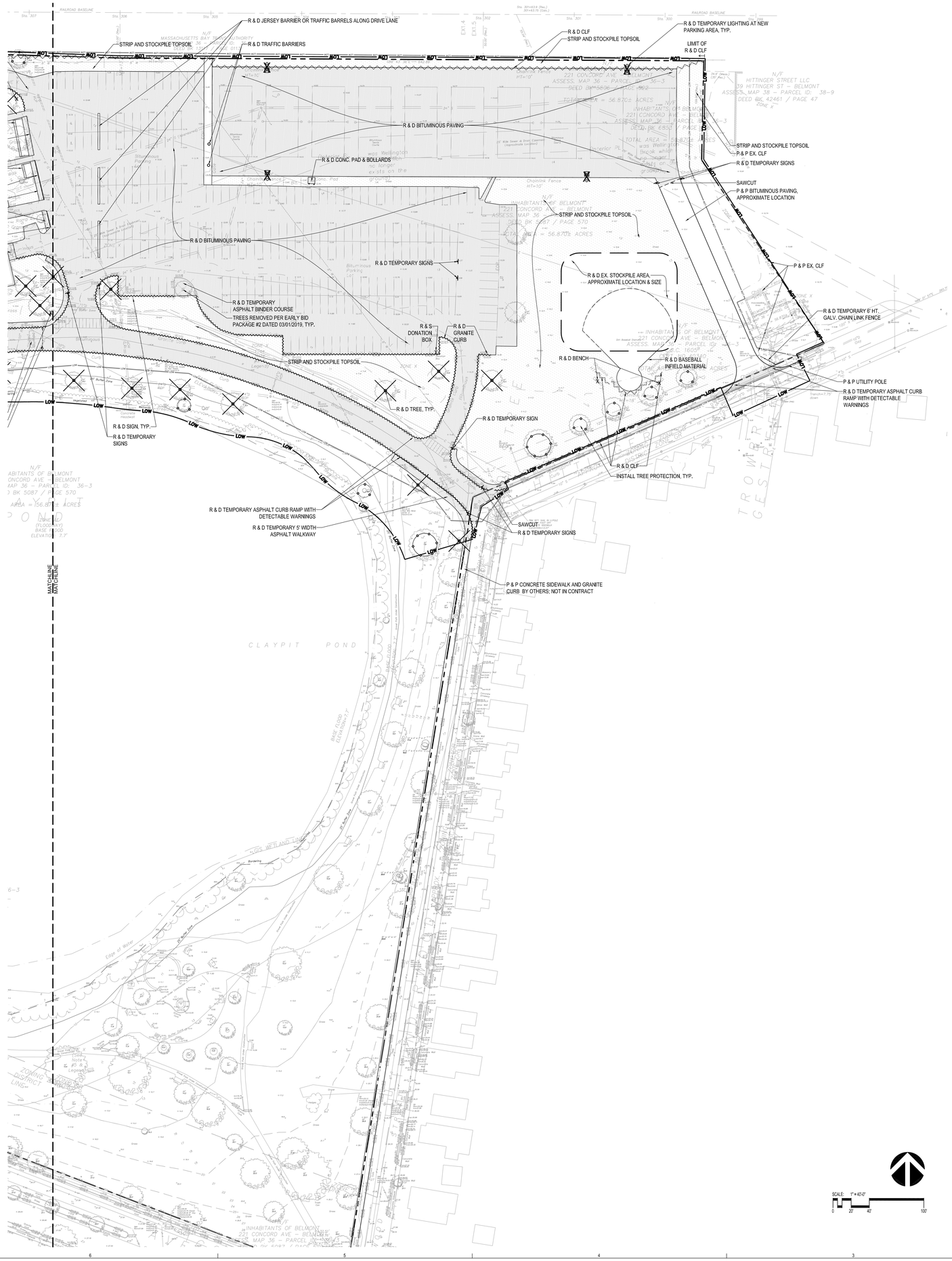
PLANNING BD SET
06.21.2019

JOB NUMBER	153003.001
DRAWN	AML
CHECKED	TJ

TITLE

SITE PREPARATION PLAN

L101



SCALE: 1" = 40'-0"
0 20' 40' 100'

NOTE

1. REFER TO SITE PREPARATION NOTES & LEGEND ON SHEET L100.

PERKINS + WILL
225 FRANKLIN ST., SUITE 1100
BOSTON, MA 02110
t 617.478.0300
f 617.478.0321
www.perkinswill.com

WARNER LARSON
LANDSCAPE ARCHITECTS
150 WEST BROADWAY, BOSTON MA 02127
T 617.464.1440 F 617.464.1442
www.warnerlarson.com

NOTE: DOCUMENTS ARE NOT FOR CONSTRUCTION

MASSACHUSETTS DAVID J. WARNER NO. 0081 REGISTERED LANDSCAPE ARCHITECT

PROJECT

BELMONT HIGH SCHOOL
221 CONCORD AVE.
BELMONT, MA 02478

CLIENT LOGO IF AVAILABLE

TOWN OF BELMONT

KEYPLAN

1 2 3

REVISIONS

MARK	ISSUE	DATE

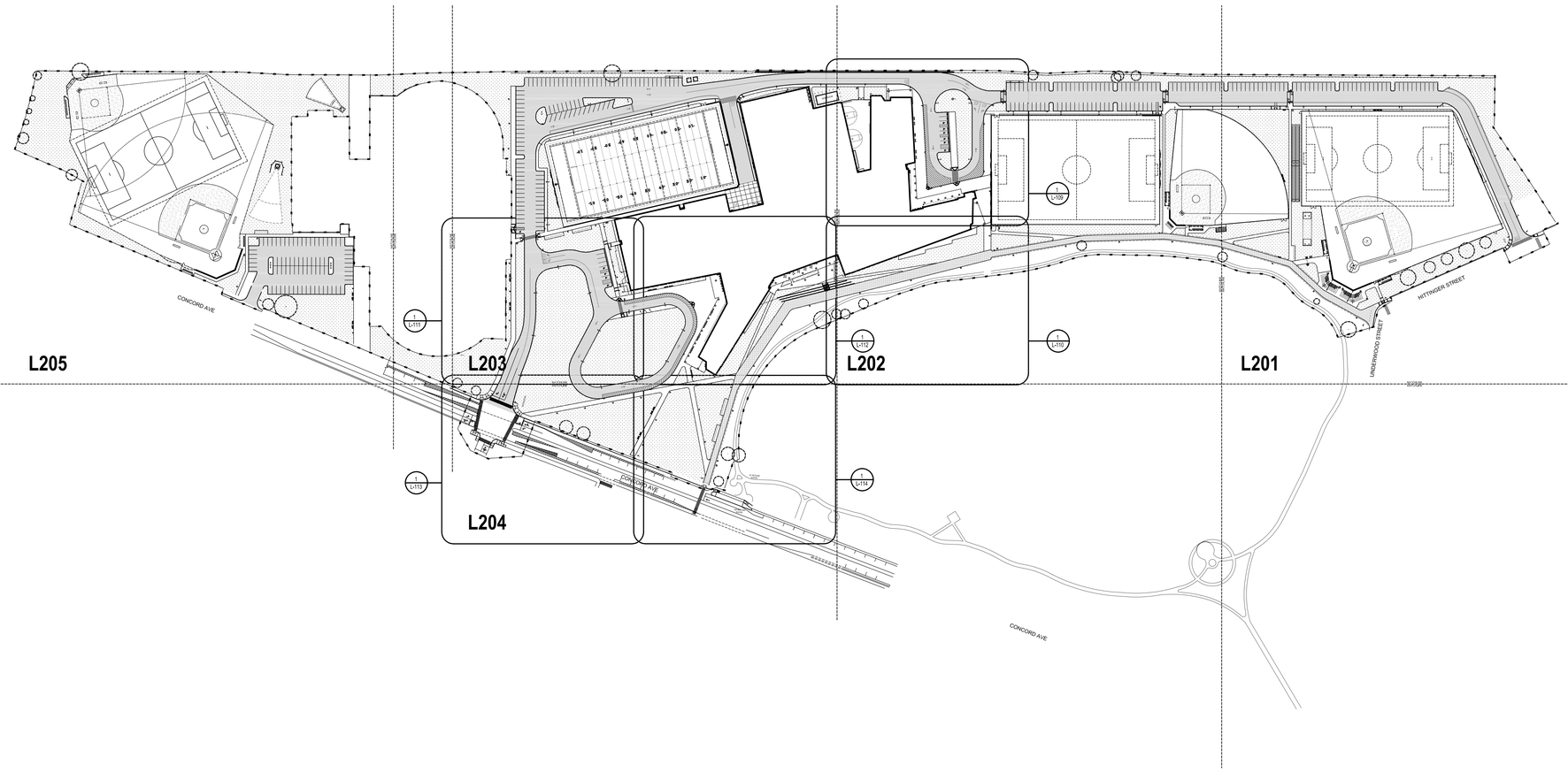
PLANNING BD SET
06.21.2019

JOB NUMBER	153003.001
DRAWN	AML
CHECKED	TJ

TITLE

SITE PREPARATION PLAN

L102



NOTES:

Belmont High School On-Site Parking Breakdown		
	Size	Count
West of Harris	18' x 9'	90
Sub-total		**90**
East of Harris		
Accessible Spaces	18' x 9'	12
Green Vehicle Spaces	18' x 9'	16
Electric Charging Spaces	18' x 9'	8
Conventional	18' x 9'	214
Parallel Spaces	22'x 8'	52
Sub-total		**302**
Total		**392**

SCALE: 1" = 100'-0"

0 50' 100' 250'

PERKINS + WILL
225 FRANKLIN ST., SUITE 1100
BOSTON, MA 02110
t 617.478.0300
f 617.478.0321
www.perkinswill.com

WARNER LARSON
LANDSCAPE ARCHITECTS
130 WEST BROADWAY, BOSTON MA 02127
T 617.464.1440 F 617.464.1442
www.warnerlarson.com

NOTE: DOCUMENTS ARE NOT FOR CONSTRUCTION

MASSACHUSETTS DAVID J. WARNER NO. 4928 REGISTERED LANDSCAPE ARCHITECT

PROJECT

BELMONT HIGH SCHOOL
221 CONCORD AVE.
BELMONT, MA 02478

CLIENT LOGO IF AVAILABLE

TOWN OF BELMONT

KEYPLAN

5 3 2 1 4

REVISIONS

MARK	ISSUE	DATE

PLANNING BD SET
06.21.2019

JOB NUMBER	153003.001
DRAWN	AML
CHECKED	TJ

TITLE

OVERALL LAYOUT & MATERIALS PLAN

L200

LEGEND:

LOW	APPROXIMATE LIMIT OF WORK LINE
	VEHICULAR ASPHALT PAVING — 1 / L601
	VEHICULAR CONCRETE PAVING — 4 / L601
	CONCRETE WALKWAY PAVING — 3 / L601
	ASPHALT WALKWAY PAVING — 2 / L601
	DECORATIVE CONCRETE PAVING — 5 / L601
	CLAY PAVERS — 6 / L601
	STONE DUST — 7 / L601
	POROUS ASPHALT REFER TO CIVIL PLANS
	LAWN — 14 / L604
	STABILIZED LAWN SHOULDER — 8 / L601
8'	DIMENSION
	PEDESTRIAN LIGHTS - 14' HT. REFER TO ELECTRICAL PLANS
	ROADWAY LIGHTS - 20' HT. REFER TO ELECTRICAL PLANS
	EMERGENCY BLUE LIGHT PHONE REFER TO ELECTRICAL PLANS
	EV CHARGING STATION REFER TO ELECTRICAL PLANS
	DRINKING FOUNTAIN/BOTTLE FILLING STATION — 4 / L602 — 3 / L602
	TRASH/RECYCLING RECEPTACLE — 7 / L608
	ALUMINUM SLAT BENCH — 5 / L608
	BICYCLE RACKS — 6 / L608
	FLAGPOLE — 3,4 / L608
STOP	PAVEMENT MARKING - STOP LINE — 24 / L601
	PAVEMENT MARKING - CROSSWALK — 22 / L601
	PAVEMENT MARKING - DIRECTIONAL ARROW — 23 / L601
	ACCESSIBLE CURB RAMP — 21 / L601
	10' WIDTH DOUBLE SWING GATE (UNLESS OTHERWISE NOTED) — 8 / L602
	5' WIDTH SINGLE SWING GATE (UNLESS OTHERWISE NOTED) — 8 / L602
	VERTICAL GRANITE CURB — 11 / L601
	BITUMINOUS CONCRETE BERM — 19 / L602

LIGHTING SCHEDULE:

P1	PEDESTRIAN LIGHTS - 14' HT., TOTAL OF 19 PUREFORM LED POST TOP COMFORT PPT PPT-140L-1150-NW-G2-3-UNV
P2	PEDESTRIAN LIGHTS - 14' HT., TOTAL OF 30 PUREFORM LED POST TOP COMFORT PPT PPT-140L-650-NW-G2-2-UNV
A1	ROADWAY LIGHTS - 20' HT., TOTAL OF 3 PUREFORM LED AREA MEDIUM COMFORT P26 P26-140L-2100-NW-G2-2-UNV
A2	ROADWAY LIGHTS - 20' HT., TOTAL OF 43 PUREFORM LED AREA MEDIUM COMFORT P26 P26-140L-2100-NW-G2-3-UNV

PERKINS + WILL
225 FRANKLIN ST., SUITE 1100
BOSTON, MA 02110
t 617.478.0300
f 617.478.0321
www.perkinswill.com

WARNER LARSON
LANDSCAPE ARCHITECTS
130 WEST BROADWAY, BOSTON MA 02127
T 617.464.1440 F 617.464.1442
www.warnerlarson.com

NOTE: DOCUMENTS ARE NOT FOR CONSTRUCTION

PROJECT

BELMONT HIGH SCHOOL
221 CONCORD AVE.
BELMONT, MA 02478

CLIENT LOGO IF AVAILABLE

TOWN OF BELMONT

KEYPLAN

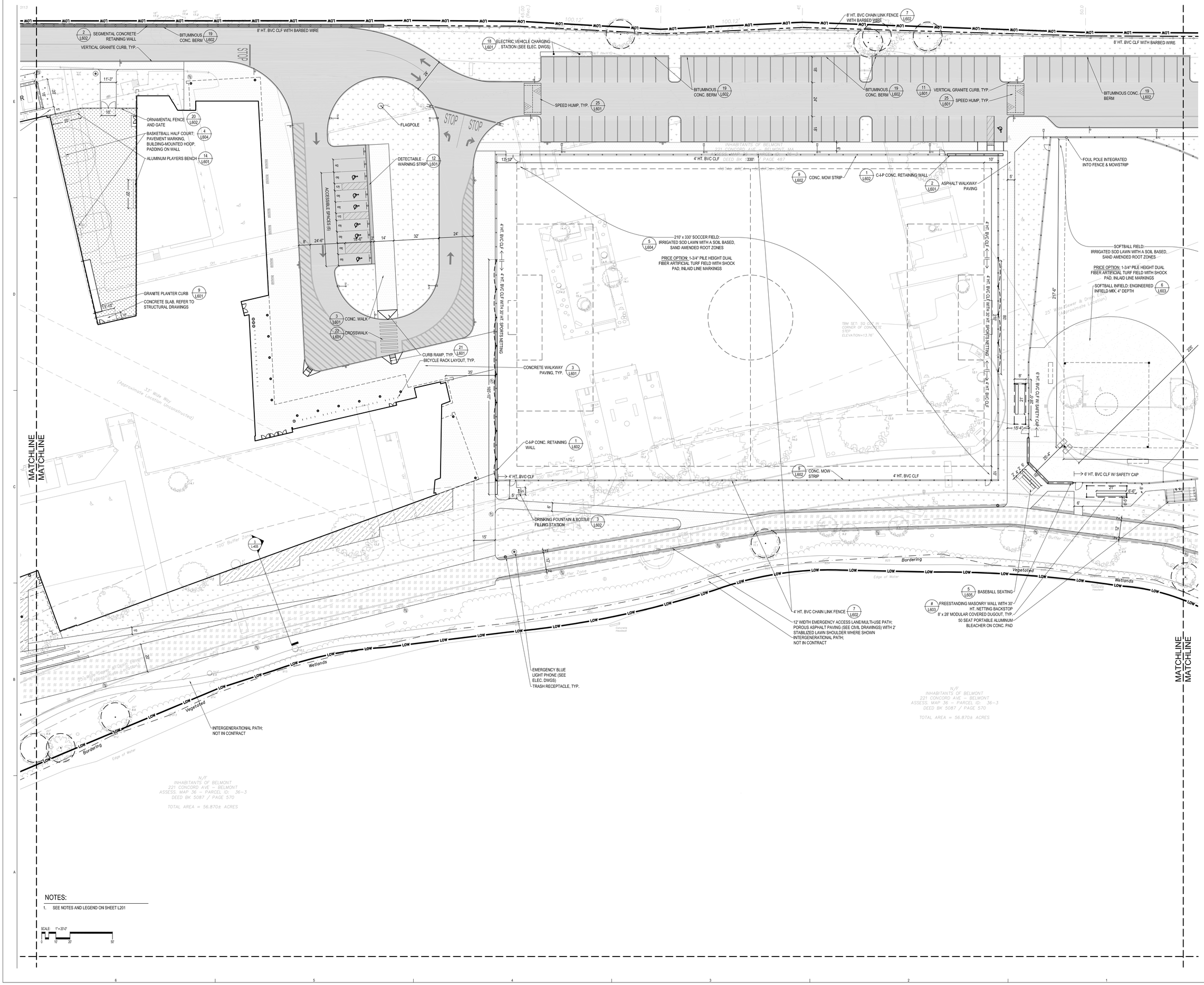
MARK	ISSUE	DATE
	PLANNING BD SET	**06.21.2019**

JOB NUMBER	153003.001
DRAWN	AML
CHECKED	TJ

TITLE

LAYOUT & MATERIALS PLAN

L201



NOTES:

1. SEE NOTES AND LEGEND ON SHEET L201

SCALE: 1" = 20'-0"

PERKINS + WILL
225 FRANKLIN ST., SUITE 1100
BOSTON, MA 02110
t 617.478.0300
f 617.478.0321
www.perkinswill.com

WARNER LARSON
LANDSCAPE ARCHITECTS
150 WEST BROADWAY, BOSTON MA 02127
T 617.464.1440 F 617.464.1442
www.warnerlarson.com

NOTE: DOCUMENTS ARE NOT FOR CONSTRUCTION

PROJECT

BELMONT HIGH SCHOOL
221 CONCORD AVE.
BELMONT, MA 02478

CLIENT LOGO IF AVAILABLE

TOWN OF BELMONT

KEYPLAN

REVISIONS

MARK	ISSUE	DATE

PLANNING BD SET
06.21.2019

JOB NUMBER	153003.001
DRAWN	AML
CHECKED	TJ

TITLE

LAYOUT & MATERIALS PLAN

L202

MEET EXISTING FENCE

8' HT. BVC CHAIN LINK FENCE

8' HT. BVC CLF WITH BARBED WIRE

18 L601 ELECTRIC VEHICLE CHARGING STATION (SEE ELEC. DWGS)

TRANSFORMER ON CONCRETE PAD (SEE ELEC. DWGS)

8' HT. BVC CLF WITH BARBED WIRE

BITUMINOUS CONC. BERM 19 L602

VERTICAL GRANITE CURB, TYP.

GENERATOR

GENERATOR ON CONCRETE PAD (SEE ELEC. DWGS)

5 L602 CONC. FILLED STEEL BOLLARDS, TYP.

TRENCH DRAIN, SEE CIVIL DRAWINGS

VEHICULAR ASPHALT PAVING, TYP. 1 L601

STOP

C-I-P CONC. RETAINING WALL

C-I-P CURB 1

6' HT. BVC CLF

21 L601 CURB RAMP, TYP.

1 L602

3 L601 CONCRETE WALKWAY PAVING, TYP.

1 L601 VEHICULAR ASPHALT PAVING, TYP.

360'

165' x 360' RUGBY/FOOTBALL PRACTICE FIELD: 1-3/4" PILE HEIGHT DUAL FIBER ARTIFICIAL TURF FIELD WITH SHOCK PAD, INLAID LINE MARKINGS FOR RUGBY AND FOOTBALL

1 L604

18 L602 REMOVABLE RUGBY GOAL POSTS & PADS

REMOVABLE FOOTBALL GOAL POSTS & PADS

10 20 30 40 50 40 30 20 10

-10 -20 -30 -40 50 40 30 20 10

6' HT. BVC CLF

C-I-P CURB 3

C-I-P CURB 2

30' HT. SPORTS NETTING

3 L601 CONC. WALK, TYP.

VEHICULAR CONCRETE PAVING COMPACTOR 4 L601

CONC. FILLED STEEL BOLLARDS, TYP. 5 L602

7' X 12' DUMPSTER

33'-1"

7'-10"

N/F INHABITANTS OF BELMONT 221 CONCORD AVE – BELMONT, MA ASSESS. MAP 36 – PARCEL ID: 36–3 DEED BK 5516 / PAGE 489 TOTAL AREA = 56.870± ACRES

MATCHLINE MATCHLINE

17 L601 ACCESSIBLE SPACE (1)

21 L601 CURB RAMP, TYP.

22 L601 CROSSWALK, TYP.

EMERGENCY BLUE LIGHT PHONE (SEE ELEC. DWGS)

11 L601 VERTICAL GRANITE CURB, TYP.

BICYCLE RACK LAYOUT, TYP.

12 L601 DETECTABLE WARNING STRIP

ACCESSIBLE SPACES (4)

TRASH RECEPTACLE, TYP.

FLAGPOLE, TYP.

3 L601 CONCRETE WALKWAY PAVING, TYP.

11 L601 VERTICAL GRANITE CURB, TYP.

12' WIDTH EMERGENCY ACCESS LANE/MULTIUSE PATH: POROUS ASPHALT PAVING (SEE CIVIL DRAWINGS)

CONCRETE WALK 3 L601

NOTES:

1. SEE NOTES AND LEGEND ON SHEET L201

SCALE: 1" = 20'-0"

MATCHLINE MATCHLINE

PERKINS + WILL

225 FRANKLIN ST., SUITE 1100
BOSTON, MA 02110
t 617.478.0300
f 617.478.0321
www.perkinswill.com

WARNER LARSON
LANDSCAPE ARCHITECTS

150 WEST BROADWAY, BOSTON MA 02127
T 617.464.1440 F 617.464.1442
www.warnerlarson.com

NOTE: DOCUMENTS ARE NOT FOR CONSTRUCTION

COMMONWEALTH OF MASSACHUSETTS DAVID J. WARNER REGISTERED LANDSCAPE ARCHITECT NO. 0124

PROJECT

BELMONT HIGH SCHOOL

221 CONCORD AVE.
BELMONT, MA 02478

CLIENT LOGO IF AVAILABLE

TOWN OF BELMONT

KEYPLAN

5 3 2 1 4

REVISIONS

MARK	ISSUE	DATE

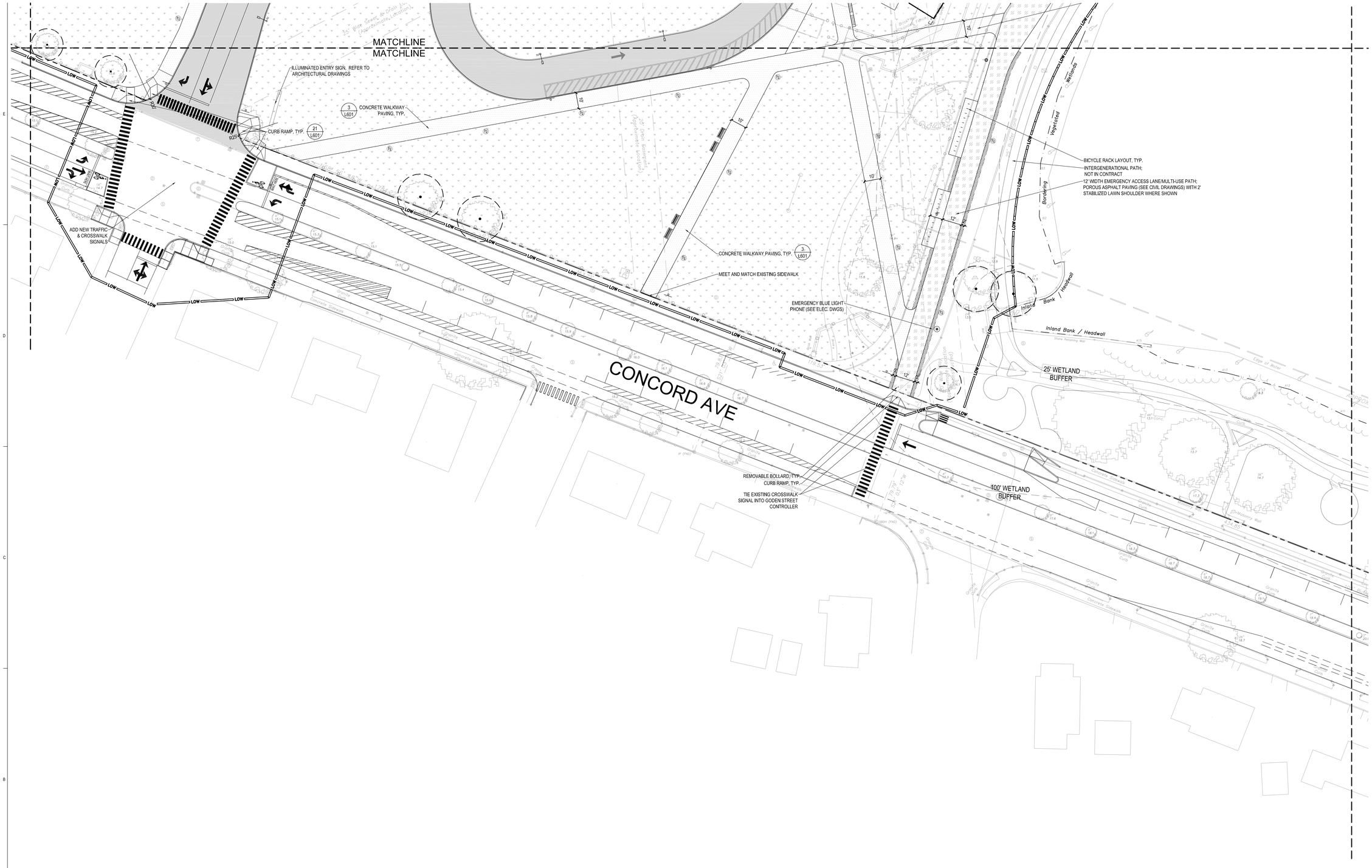
PLANNING BD SET 06.21.2019

JOB NUMBER	153003.001
DRAWN	AML
CHECKED	TJ

TITLE

LAYOUT & MATERIALS PLAN

L203



NOTES:

1. SEE NOTES AND LEGEND ON SHEET L201

SCALE: 1" = 20'-0"

0 10' 20' 50'

PERKINS + WILL
225 FRANKLIN ST., SUITE 1100
BOSTON, MA 02110
t 617.478.0300
f 617.478.0321
www.perkinswill.com

WARNER LARSON
LANDSCAPE ARCHITECTS
150 WEST BROADWAY, BOSTON MA 02127
T 617.464.1440 F 617.464.1442
www.warnerlarson.com

NOTE: DOCUMENTS ARE NOT FOR CONSTRUCTION

PROJECT

BELMONT HIGH SCHOOL
221 CONCORD AVE
BELMONT, MA 02478

CLIENT LOGO IF AVAILABLE

TOWN OF BELMONT

KEYPLAN

REVISIONS

MARK	ISSUE	DATE

PLANNING BD SET 06.21.2019

JOB NUMBER	153003.001
DRAWN	AML
CHECKED	TJ

TITLE

LAYOUT & MATERIALS PLAN

L204

6' HT. BVC CHAIN LINK FENCE

SOFTBALL BACKSTOP

6 / L603 SOFTBALL INFIELD: ENGINEERED INFIELD MIX, 4" DEPTH

14 / L601 ALUMINUM PLAYERS BENCH ON CONCRETE PAD, TYP.

6' HT. BVC CLF W/ SAFETY CAP

6' HT. BVC CLF

BASEBALL, SOFTBALL, SOCCER FIELD: IRRIGATED SOD LAWN WITH A SOIL BASED, SAND AMENDED ROOT ZONES

N/F
INHABITANTS OF BELMONT
345 CONCORD AVE – BELMONT
ASSESS. MAP 35 – PARCEL ID: 35-40
DEED BK 6098 / PAGE 508
TOTAL AREA = 50.870± ACRES

N/F
CARSTAIRS REALTY LLC
365 CONCORD AVE – BELMONT
ASSESS. MAP 35 – PARCEL ID: 35-36
DEED BK 51282 / PAGE 463

DRINKING FOUNTAIN & BOTTLE FILLING STATION

SHOTPUT: CONCRETE THROWING PAD WITH TOE BOARD, STONE DUST LANDING ARC 6 / L604

DISCUS: CONCRETE THROWING PAD WITH DISCUS ENCLOSURE (STEEL POSTS & NETTING) 7 / L604

BICYCLE RACK LAYOUT, TYP.

EMERGENCY BLUE LIGHT PHONE (SEE ELEC. DWGS)

VERTICAL GRANITE CURB, TYP. 11 / L601

VEHICULAR ASPHALT PAVING, TYP. 1 / L601

CONCRETE WALK, TYP. 3 / L601

47' HT. SPORTS NETTING (POLES & SPORTS NETTING)

BASEBALL INFIELD: ENGINEERED INFIELD MIX, 4" DEPTH

14 / L601 ALUMINUM PLAYERS BENCH ON CONCRETE PAD, TYP.

47' HT. BASEBALL BACKSTOP (POLES & SPORTS NETTING)

3 / L601 CONC. WALK, TYP.

22 / L601 ADD NEW CROSSWALK & TIE INTO GODEN STREET CONTROLLER

CURB RAMP, TYP. 21 / L601

CONCORD AVE

MATCHLINE

MATCHLINE

TBM SET: SQ CUT IN CORNER OF CONCRETE BASE FOR BLEACHERS ELEV. 17.19

NOTES:

1. SEE NOTES AND LEGEND ON SHEET L201

SCALE: 1" = 20'-0"

0 10' 20' 50

PERKINS + WILL
225 FRANKLIN ST., SUITE 1100
BOSTON, MA 02110
t 617.478.0300
f 617.478.0321
www.perkinswill.com

WARNER LARSON
LANDSCAPE ARCHITECTS
150 WEST BROADWAY, BOSTON MA 02127
T 617.464.1440 F 617.464.1442
www.warnerlarson.com

NOTE: DOCUMENTS ARE NOT FOR CONSTRUCTION

COMMONWEALTH OF MASSACHUSETTS DAVID J. WARNER NO. 4098 REGISTERED LANDSCAPE ARCHITECT

PROJECT

BELMONT HIGH SCHOOL
221 CONCORD AVE.
BELMONT, MA 02478

CLIENT LOGO IF AVAILABLE

TOWN OF BELMONT

KEYPLAN

5 3 2 1 4

REVISIONS

MARK	ISSUE	DATE

PLANNING BD SET
06.21.2019

JOB NUMBER	153003.001
DRAWN	AML
CHECKED	TJ

TITLE

LAYOUT & MATERIALS PLAN

L205

8-INCH DUCTILE IRON

LIMIT OF WORK

PROPERTY LINE

ASPHALT CURB, TYP.
SEE DETAIL 19/L602

CATCH BASIN, TYP.
SEE CIVIL DWGS.

VEHICULAR ASPHALT PAVING, TYP.

MANHOLE, TYP.
SEE CIVIL DWGS.

GRANITE CURB, TYP.

EMERGENCY BLUE LIGHT POLE

PEDESTRIAN LIGHT, TYP.
14' POLE HT

FIRE HYDRANT, TYP.
SEE CIVIL DWGS.

BUILDING COLUMN, TYP.
SEE ARCH. DWGS.

P.A.

CONCRETE SURROUND

FLAGPOLE TYPE B WITH LED INTEGRATED INTO FLAGPOLE BALL

CONCRETE WALKWAY PAVING, TYP.

DETECTABLE WARNING PAVER

ACCESSIBLE PARKING, TYP.

FLUSH GRANITE CURB

ALIGN

SEE SHEET L-202

CONCRETE BENCH, TYP

STREET LIGHT, TYP.
20' POLE HT

VERTICAL GRANITE CURB, TYP

TRASH RECEPTACLE TYPE A

TRASH RECEPTACLE TYPE B

TRASH RECEPTACLE TYPE C

CURB RAMP

CROSSWALK PAVEMENT MARKING

CONTROL JOINT, TYP.

CONCRETE RETAINING WALL

BUILDING OVERHANG, TYP.
SEE ARCH. DWGS.

PEDESTRIAN LIGHT, TYP.
14' POLE HT.

(34) BIKE RACK, TYP.

TRASH RECEPTACLE TYPE A

L606

MATCHLINE - SEE L207

GENERAL NOTES

1. REFER TO SHEET L101 FOR MATERIALS AND LIGHTING LEGEND.
2. DO NOT SCALE THE DRAWINGS.
3. VERIFY LOCATIONS OF SITE IMPROVEMENTS INSTALLED UNDER OTHER SECTIONS.
4. WRITTEN DIMENSIONS TAKE PRECEDENCE OVER SCALE
5. WHERE DIMENSIONS ARE CALLED AS "EQUAL", ALL REFERENCED ITEMS SHALL BE SPACED EQUALLY, MEASURED TO THEIR CENTER LINES.
6. ALL MEASUREMENTS ARE TO FACE OF BUILDING, WALL OR OTHER FIXED SITE IMPROVEMENT. DIMENSIONS TO CENTER LINES ARE INDICATED.
7. COORDINATE ALL BASE AND HOUSEKEEPING PADS WITH MECHANICAL, PLUMBING AND ELECTRICAL EQUIPMENT.

NOT FOR CONSTRUCTION

0 3' 5' 10' 20'
Scale: 1" = 10'

PERKINS +WILL

225 Franklin Street, Suite 1100
Boston, MA 02110
t 617.478.0300
www.perkinswill.com

MASSACHUSETTS REGISTERED LANDSCAPE ARCHITECT No. 1172

PROJECT

BELMONT HIGH SCHOOL

221 CONCORD AVE.
BELMONT, MA 02478

CLIENT LOGO IF AVAILABLE

TOWN OF BELMONT

KEYPLAN

REVISIONS

MARK	ISSUE	DATE

PLANNING BD SET 06.21.2019

JOB NUMBER	153003.001
DRAWN	MP
CHECKED	VZ

TITLE

PLAN ENLARGEMENT

L206

6/20/2019 5:52:20 PM C:\Temp\Belmont HS v2019 - Site Design_maria.pizano@perkinswill.com.rvt

MATCHLINE - SEE L206

MATCHLINE - SEE L209

CONCRETE WALKWAY PAVING, TYP.

BUILDING OVERHANG
SEE ARCH. DWGS.

CONTROL JOINT, TYP.

CONCRETE WALKWAY PAVING, TYP.

18" HT C.I.P. CONCRETE
RETAINING WALL, TYP

INTERGENERATIONAL PATH
NOT IN CONTRACT

WATER EDGE

LIMIT OF WORK

CONCRETE WALKWAY PAVING, TYP.

CONTROL JOINT, TYP.

BUILDING COLUMN
SEE ARCH. DWGS.

MANHOLE, TYP.
SEE CIVIL DWGS.

STABILIZED GRASS SHOULDER

POROUS ASPHALT PAVING

PEDESTRIAN LIGHT, TYP.
14' POLE HT.

LIMIT OF WORK

P.A.

CLAYPIT POND

INCH IRRIGATION

GENERAL NOTES

1. REFER TO SHEET L101 FOR MATERIALS AND LIGHTING LEGEND.

2. DO NOT SCALE THE DRAWINGS.

3. VERIFY LOCATIONS OF SITE IMPROVEMENTS INSTALLED UNDER OTHER SECTIONS.

4. WRITTEN DIMENSIONS TAKE PRECEDENCE OVER SCALE.

5. WHERE DIMENSIONS ARE CALLED AS "EQUAL", ALL REFERENCED ITEMS SHALL BE SPACED EQUALLY, MEASURED TO THEIR CENTER LINES.

6. ALL MEASUREMENTS ARE TO FACE OF BUILDING, WALL OR OTHER FIXED SITE IMPROVEMENT. DIMENSIONS TO CENTER LINES ARE INDICATED.

7. COORDINATE ALL BASE AND HOUSEKEEPING PADS WITH MECHANICAL, PLUMBING AND ELECTRICAL EQUIPMENT.

NOT FOR CONSTRUCTION

0 3' 5' 10' 20'
Scale: 1" = 10'

PERKINS +WILL

225 Franklin Street, Suite 1100
Boston, MA 02110
t 617.478.0300
www.perkinswill.com

MASSACHUSETTS
REGISTERED LANDSCAPE ARCHITECT
No. 1178

PROJECT

BELMONT HIGH SCHOOL
221 CONCORD AVE.
BELMONT, MA 02478

CLIENT LOGO IF AVAILABLE

TOWN OF BELMONT

KEYPLAN

REVISIONS

MARK	ISSUE	DATE

PLANNING BD SET
06.21.2019

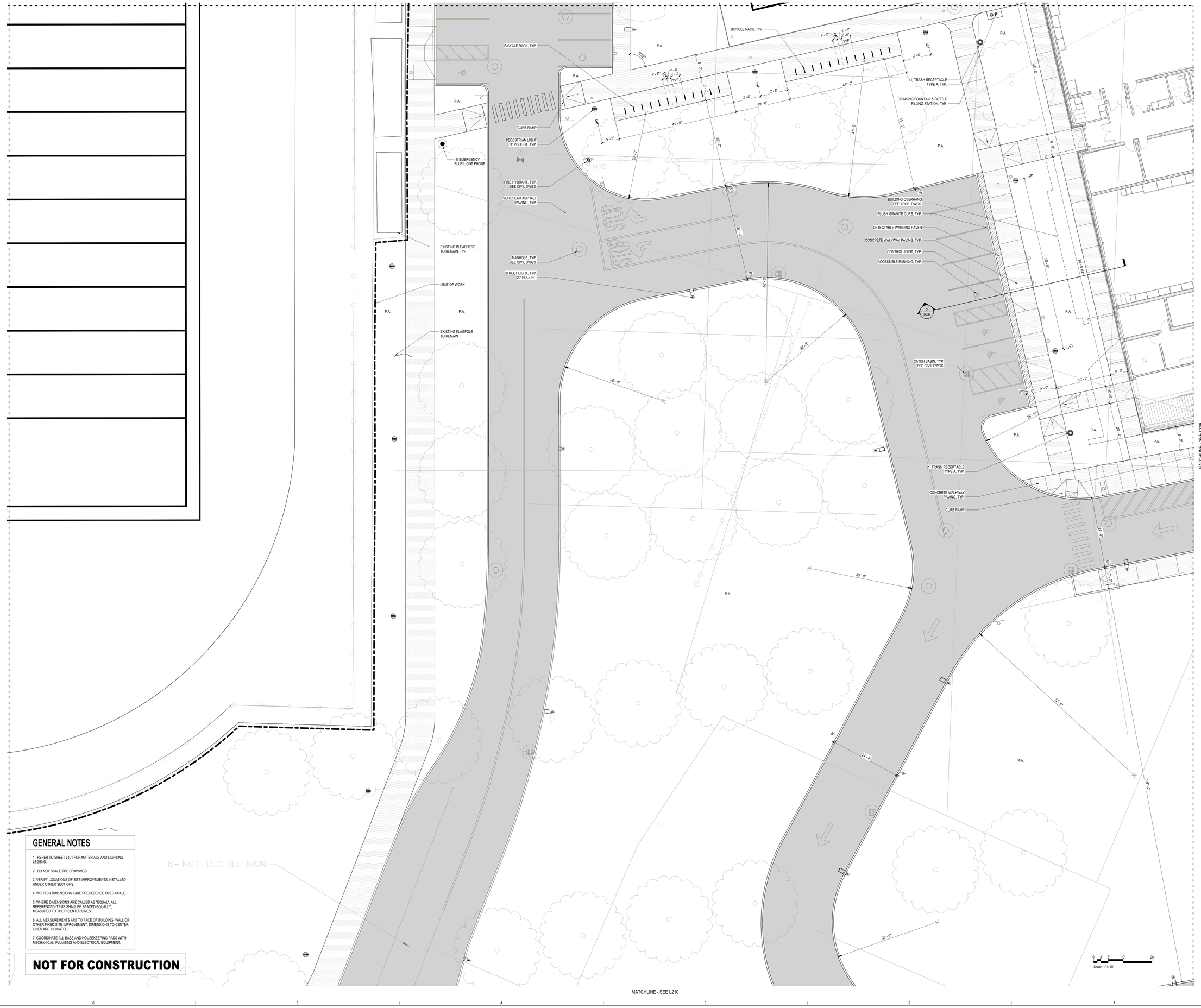
JOB NUMBER	153003.001
DRAWN	MP
CHECKED	VZ

TITLE

PLAN ENLARGEMENT

L207

6/20/2019 5:02:24 PM C:\Temp\Belmont HS_v2019 - Site Design_maria.pizzino@perkinswill.com.rvt



GENERAL NOTES

1. REFER TO SHEET L101 FOR MATERIALS AND LIGHTING LEGEND.
2. DO NOT SCALE THE DRAWINGS.
3. VERIFY LOCATIONS OF SITE IMPROVEMENTS INSTALLED UNDER OTHER SECTIONS.
4. WRITTEN DIMENSIONS TAKE PRECEDENCE OVER SCALE.
5. WHERE DIMENSIONS ARE CALLED AS "EQUAL", ALL REFERENCED ITEMS SHALL BE SPACED EQUALLY, MEASURED TO THEIR CENTER LINES.
6. ALL MEASUREMENTS ARE TO FACE OF BUILDING, WALL OR OTHER FIXED SITE IMPROVEMENT. DIMENSIONS TO CENTER LINES ARE INDICATED.
7. COORDINATE ALL BASE AND HOUSEKEEPING PADS WITH MECHANICAL, PLUMBING AND ELECTRICAL EQUIPMENT.

NOT FOR CONSTRUCTION

PERKINS +WILL

225 Franklin Street, Suite 1100
Boston, MA 02110
t 617.478.0300
www.perkinswill.com

PROJECT

BELMONT HIGH SCHOOL

221 CONCORD AVE.
BELMONT, MA 02478

CLIENT LOGO IF AVAILABLE

TOWN OF BELMONT

KEYPLAN

REVISIONS

MARK	ISSUE	DATE

PLANNING BD SET 06.21.2019

JOB NUMBER	153003.001
DRAWN	MP
CHECKED	VZ

TITLE

PLAN ENLARGEMENT

L208

6/20/2019 5:52:27 PM C:\Temp\Belmont HS v2019 - Site Design_maria.pizano@perkinswill.com.rvt

PERKINS
+WILL

225 Franklin Street, Suite 1100
Boston, MA 02110
t 617.478.0300
www.perkinswill.com

MATCHLINE - SEE L208

MATCHLINE - SEE L207

MATCHLINE - SEE L211

TRASH RECEPTACLE TYPE A
TRASH RECEPTACLE TYPE B
TRASH RECEPTACLE TYPE C
BUILDING COLUMN, TYP. SEE ARCH. DWGS.
BUILDING OVERHANG, TYP. SEE ARCH. DWGS.
CONCRETE BENCH, TYP.
MANHOLE, TYP. SEE CIVIL DWGS.
CATCH BASIN, TYP. SEE CIVIL DWGS.
FLAGPOLE TYPE A WITH LED INTEGRATED INTO FLAGPOLE BALL
CONTROL JOINT, TYP.
CURB RAMP
CONCRETE WALKWAY PAVING, TYP.
GRANITE CURB, TYP.
BICYCLE RACK, TYP.
STREET LIGHT, TYP. 20' POLE HT.
CATCH BASIN, TYP. SEE CIVIL DWGS.
MANHOLE, TYP. SEE CIVIL DWGS.
GREASE TRAP SEE CIVIL DWGS.
P.A.
TRASH RECEPTACLE TYPE A
TRASH RECEPTACLE TYPE B
TRASH RECEPTACLE TYPE C
BUILDING OVERHANG, TYP. SEE ARCH. DWGS.
TRASH RECEPTACLE TYPE A
BUILDING COLUMN, TYP. SEE ARCH. DWGS.
BUILDING OVERHANG, TYP. SEE ARCH. DWGS.
CONCRETE WALKWAY PAVING, TYP.
CONCRETE PAVING ON LANDINGS, TYP.
C.I.P. CONCRETE STAIRS, TYP.
ALUMINUM HANDRAIL, TYP.
CONTROL JOINT, TYP.
CONCRETE WALKWAY PAVING, TYP.
18" HT C.I.P. CONCRETE RETAINING WALL, TYP.
POROUS ASPHALT PAVING, TYP.
PEDESTRIAN LIGHT, TYP. 14' POLE HT.
INTERGENERATIONAL PATH NOT IN CONTRACT
LIMIT OF WORK
WATER EDGE
CLAYPIT POND
EXISTING CONCRETE HEADWALL TO REMAIN

GENERAL NOTES

1. REFER TO SHEET L101 FOR MATERIALS AND LIGHTING LEGEND.
2. DO NOT SCALE THE DRAWINGS.
3. VERIFY LOCATIONS OF SITE IMPROVEMENTS INSTALLED UNDER OTHER SECTIONS.
4. WRITTEN DIMENSIONS TAKE PRECEDENCE OVER SCALE.
5. WHERE DIMENSIONS ARE CALLED AS "EQUAL", ALL REFERENCED ITEMS SHALL BE SPACED EQUALLY, MEASURED TO THEIR CENTER LINES.
6. ALL MEASUREMENTS ARE TO FACE OF BUILDING, WALL OR OTHER FIXED SITE IMPROVEMENT. DIMENSIONS TO CENTER LINES ARE INDICATED.
7. COORDINATE ALL BASE AND HOUSEKEEPING PADS WITH MECHANICAL, PLUMBING AND ELECTRICAL EQUIPMENT.

NOT FOR CONSTRUCTION

0 3" 5' 10' 20'
Scale: 1" = 10'

PROJECT

BELMONT HIGH SCHOOL
221 CONCORD AVE.
BELMONT, MA 02478

CLIENT LOGO IF AVAILABLE

TOWN OF BELMONT

KEYPLAN

REVISIONS

MARK	ISSUE	DATE

PLANNING BD SET
06.21.2019

JOB NUMBER	153003.001
DRAWN	MP
CHECKED	VZ

TITLE

PLAN ENLARGEMENT

L209

6/20/2019 5:02:33 PM C:\Temp\Belmont HS v2019 - Site Design_maria.pizano@perkinswill.com.rvt

MATCHLINE - SEE L208

MATCHLINE - SEE L211

SEE SHEET L204

CATCH BASIN, TYP.
SEE CIVIL DWGS.

ILLUMINATED MONUMENTAL ENTRY SIGN
SEE ARCH. DWGS.

STREET LIGHT, TYP.
20' POLE HT.

VEHICULAR ASPHALT PAVING, TYP.

GRANITE CURB, TYP.

MANHOLE, TYP.
SEE CIVIL DWGS.

PEDESTRIAN LIGHT, TYP.
14' POLE HT.

CONCRETE WALKWAY
PAVING, TYP.

CONTROL JOINT, TYP.

PROPERTY LINE

LIMIT OF WORK

ALUMINUM BENCH
ON PEDESTRIAN CONCRETE PAD

P.A.

Bike Box

Concord AVE

Goden ST

Median

CONCORD AVE.

Existing Sidewalk
Street Level Cycle Track

Buffer

On-street Parking

WAIT HERE

10' - 0" TYP.

60' - 0" TYP.

GENERAL NOTES

1. REFER TO SHEET L101 FOR MATERIALS AND LIGHTING LEGEND.
2. DO NOT SCALE THE DRAWINGS.
3. VERIFY LOCATIONS OF SITE IMPROVEMENTS INSTALLED UNDER OTHER SECTIONS.
4. WRITTEN DIMENSIONS TAKE PRECEDENCE OVER SCALE.
5. WHERE DIMENSIONS ARE CALLED AS "EQUAL", ALL REFERENCED ITEMS SHALL BE SPACED EQUALLY, MEASURED TO THEIR CENTER LINES.
6. ALL MEASUREMENTS ARE TO FACE OF BUILDING, WALL OR OTHER FIXED SITE IMPROVEMENT. DIMENSIONS TO CENTER LINES ARE INDICATED.
7. COORDINATE ALL BASE AND HOUSEKEEPING PADS WITH MECHANICAL, PLUMBING AND ELECTRICAL EQUIPMENT.

NOT FOR CONSTRUCTION

0 3' 5' 10' 20'
Scale: 1" = 10'

PERKINS +WILL

225 Franklin Street, Suite 1100
Boston, MA 02110
t 617.478.0300
www.perkinswill.com

PROJECT

BELMONT HIGH SCHOOL
221 CONCORD AVE.
BELMONT, MA 02478

CLIENT LOGO IF AVAILABLE

TOWN OF BELMONT

KEYPLAN

REVISIONS

MARK	ISSUE	DATE

PLANNING BD SET
06.21.2019

JOB NUMBER	153003.001
DRAWN	MP
CHECKED	VZ

TITLE

PLAN ENLARGEMENT

L210

6/20/2019 5:52:36 PM C:\Temp\Belmont HS v2019 - Site Design_maria.pizano@perkinswill.com.rvt

MATCHLINE - SEE L209

MATCHLINE - SEE L210

CONCRETE WALKWAY PAVING, TYP.

ALUMINUM BENCH
ON PEDESTRIAN CONCRETE PAD, TYP.

TRASH RECEPTACLE TYPE A

MANHOLE, TYP.
SEE CIVIL DWGS.

8-INCH DUCTILE IRON

CONNECT TO EXISTING WATER LINE

FIRE HYDRANT, TYP.
SEE CIVIL DWGS.

PEDESTRIAN LIGHT, TYP.
14' POLE HT.

POROUS ASPHALT PAVING, TYP.

STABILIZED GRASS SHOULDER

CLAYPIT POND

(22) BICYCLE RACK, TYP.

CONTROL JOINT, TYP.

LIMIT OF WORK

INTERGENERATIONAL PATH
NOT IN CONTRACT

(1) EMERGENCY BLUE LIGHT PHONE

EXISTING INLAND BANK /HEADWALL TO REMAIN

(2) REMOVABLE BOLLARD, TYP.
SEE DETAIL 1/L608

P.A.

Median

Concord AVE

BUS

Bus Platform

Sidewalk Level Cycle Track

Existing Sidewalk

Street Level Cycle Track

Buffer

On-street Parking

Median

Concord AVE

Orchard St

Scale: 1" = 10'

GENERAL NOTES

1. REFER TO SHEET L101 FOR MATERIALS AND LIGHTING LEGEND.
2. DO NOT SCALE THE DRAWINGS.
3. VERIFY LOCATIONS OF SITE IMPROVEMENTS INSTALLED UNDER OTHER SECTIONS.
4. WRITTEN DIMENSIONS TAKE PRECEDENCE OVER SCALE.
5. WHERE DIMENSIONS ARE CALLED AS "EQUAL", ALL REFERENCED ITEMS SHALL BE SPACED EQUALLY, MEASURED TO THEIR CENTER LINES.
6. ALL MEASUREMENTS ARE TO FACE OF BUILDING, WALL OR OTHER FIXED SITE IMPROVEMENT. DIMENSIONS TO CENTER LINES ARE INDICATED.
7. COORDINATE ALL BASE AND HOUSEKEEPING PADS WITH MECHANICAL, PLUMBING AND ELECTRICAL EQUIPMENT.

NOT FOR CONSTRUCTION

PERKINS
+WILL

225 Franklin Street, Suite 1100
Boston, MA 02110
t 617.478.0300
www.perkinswill.com

MASSACHUSETTS
REGISTERED LANDSCAPE ARCHITECT
No. 1115

PROJECT

BELMONT HIGH SCHOOL
221 CONCORD AVE.
BELMONT, MA 02478

CLIENT LOGO IF AVAILABLE

TOWN OF BELMONT

KEYPLAN

REVISIONS

MARK	ISSUE	DATE

PLANNING BD SET
06.21.2019

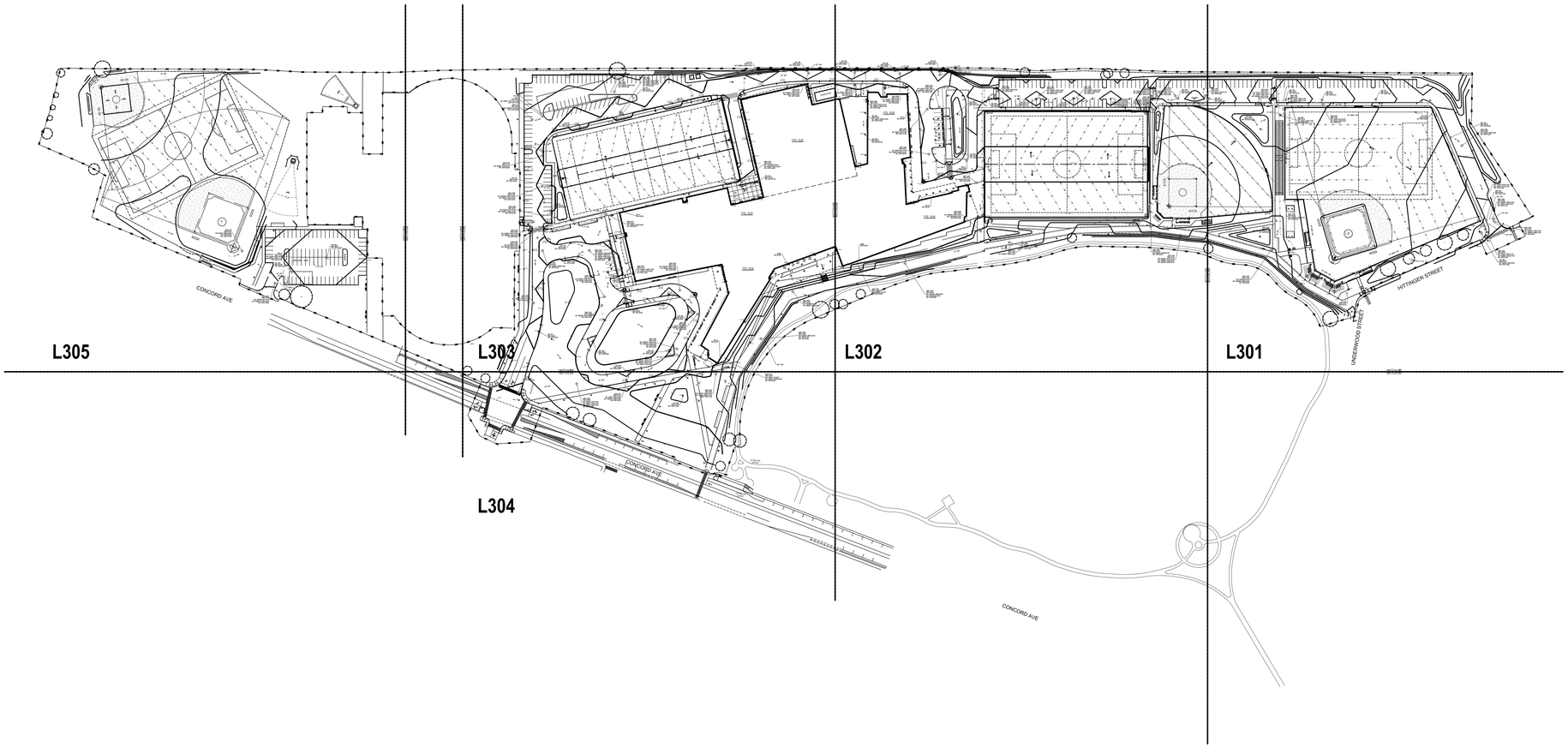
JOB NUMBER	153003.001
DRAWN	MP
CHECKED	VZ

TITLE

PLAN ENLARGEMENT

L211

©2020 2019 5:02:39 PM C:\Temp\Belmont HS v2019 - Site Design_maria.pizano@perkinswill.com.rvt



PERKINS
+WILL

225 FRANKLIN ST., SUITE 1100
BOSTON, MA 02110
t 617.478.0300
f 617.478.0321
www.perkinswill.com

WARNER LARSON
LANDSCAPE ARCHITECTS

150 WEST BROADWAY, BOSTON MA 02127
T 617.464.1440 F 617.464.1442
www.warnerlarson.com

NOTE: DOCUMENTS ARE NOT FOR CONSTRUCTION

MASSACHUSETTS
DAVID J. WARNER
NO. 4026
REGISTERED LANDSCAPE ARCHITECT

PROJECT

BELMONT HIGH SCHOOL

221 CONCORD AVE.
BELMONT, MA 02478

CLIENT LOGO IF AVAILABLE

TOWN OF BELMONT

KEYPLAN

5 3 2 1
4

REVISIONS

MARK	ISSUE	DATE

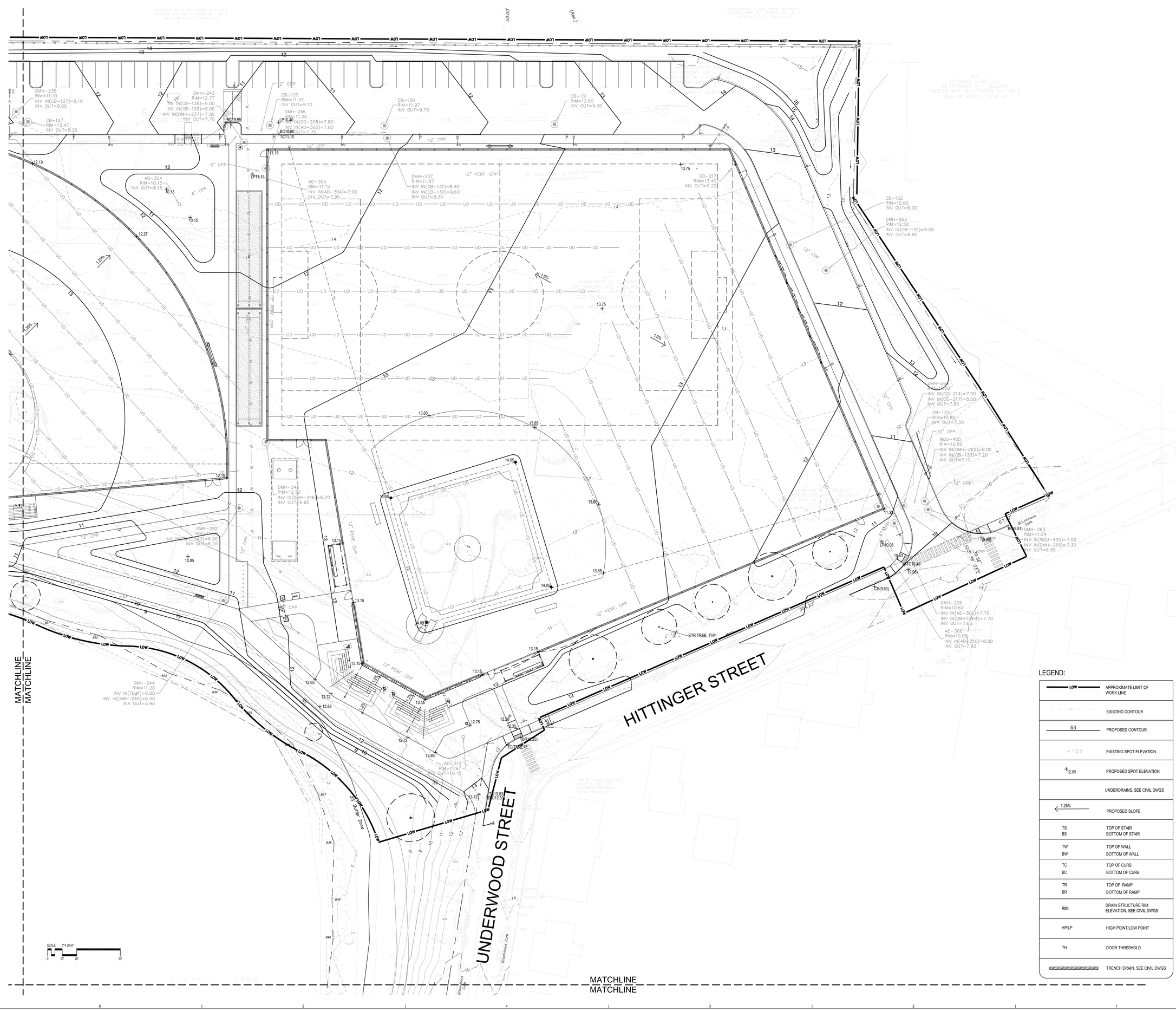
PLANNING BD SET
06.21.2019

JOB NUMBER	153003.001
DRAWN	AML
CHECKED	TJ

TITLE

OVERALL GRADING PLAN

L300



LEGEND:

LOW	APPROXIMATE LIMIT OF WORK LINE
111	EXISTING CONTOUR
53	PROPOSED CONTOUR
x 112.5	EXISTING SPOT ELEVATION
+12.05	PROPOSED SPOT ELEVATION
UD	UNDERDRAINS, SEE CIVIL DWGS
1.25%	PROPOSED SLOPE
TS / BS	TOP OF STAIR / BOTTOM OF STAIR
TW / BW	TOP OF WALL / BOTTOM OF WALL
TC / BC	TOP OF CURB / BOTTOM OF CURB
TR / BR	TOP OF RAMP / BOTTOM OF RAMP
RIM	DRAIN STRUCTURE RIM ELEVATION, SEE CIVIL DWGS
HP/LP	HIGH POINT/LOW POINT
TH	DOOR THRESHOLD
	TRENCH DRAIN, SEE CIVIL DWGS

PERKINS + WILL
225 FRANKLIN ST., SUITE 1100
BOSTON, MA 02110
t 617.478.0300
f 617.478.0321
www.perkinswill.com

WARNER LARSON
LANDSCAPE ARCHITECTS
130 WEST BROADWAY, BOSTON MA 02127
T 617.464.1440 F 617.464.1442
www.warnerlarson.com

NOTE: DOCUMENTS ARE NOT FOR CONSTRUCTION

MASSACHUSETTS DAVID J. WARNER 37 NO. 6197 REGISTERED LANDSCAPE ARCHITECT

PROJECT

BELMONT HIGH SCHOOL
221 CONCORD AVE.
BELMONT, MA 02478

CLIENT LOGO IF AVAILABLE

TOWN OF BELMONT

KEYPLAN

5 3 2 1 4

REVISIONS

MARK	ISSUE	DATE

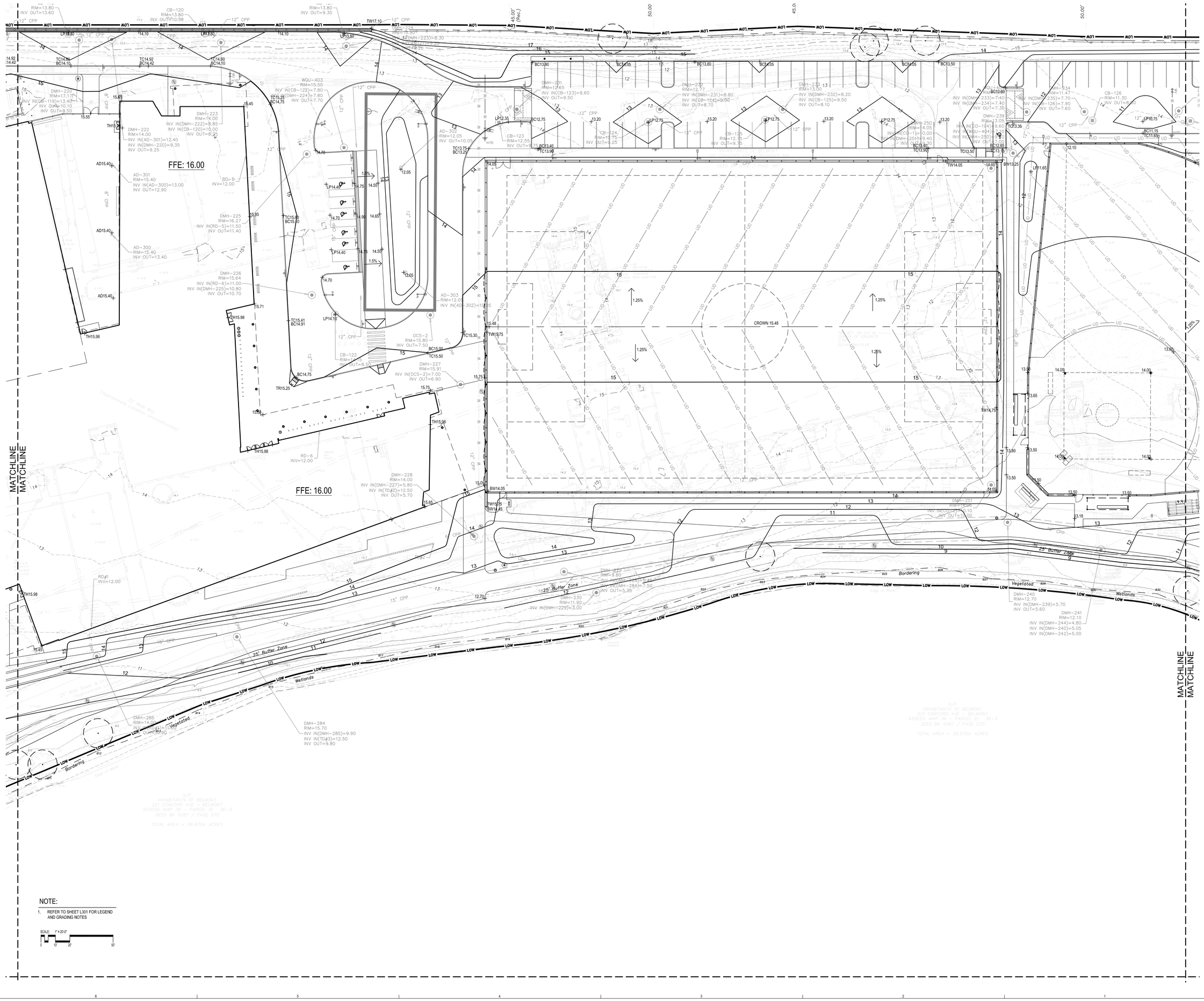
PLANNING BD SET
06.21.2019

JOB NUMBER	153003.001
DRAWN	AML
CHECKED	TJ

TITLE

GRADING PLAN

L301



NOTE:

1. REFER TO SHEET L301 FOR LEGEND AND GRADING NOTES

SCALE 1" = 20'-0"

0 10' 20' 50'

PERKINS + WILL
225 FRANKLIN ST., SUITE 1100
BOSTON, MA 02110
t 617.478.0300
f 617.478.0321
www.perkinswill.com

WARNER LARSON
LANDSCAPE ARCHITECTS
130 WEST BROADWAY, BOSTON MA 02127
T 617.464.1440 F 617.464.1442
www.warnerlarson.com

NOTE: DOCUMENTS ARE NOT FOR CONSTRUCTION

PROJECT

BELMONT HIGH SCHOOL
221 CONCORD AVE.
BELMONT, MA 02478

CLIENT LOGO IF AVAILABLE

TOWN OF BELMONT

KEYPLAN

REVISIONS

MARK	ISSUE	DATE

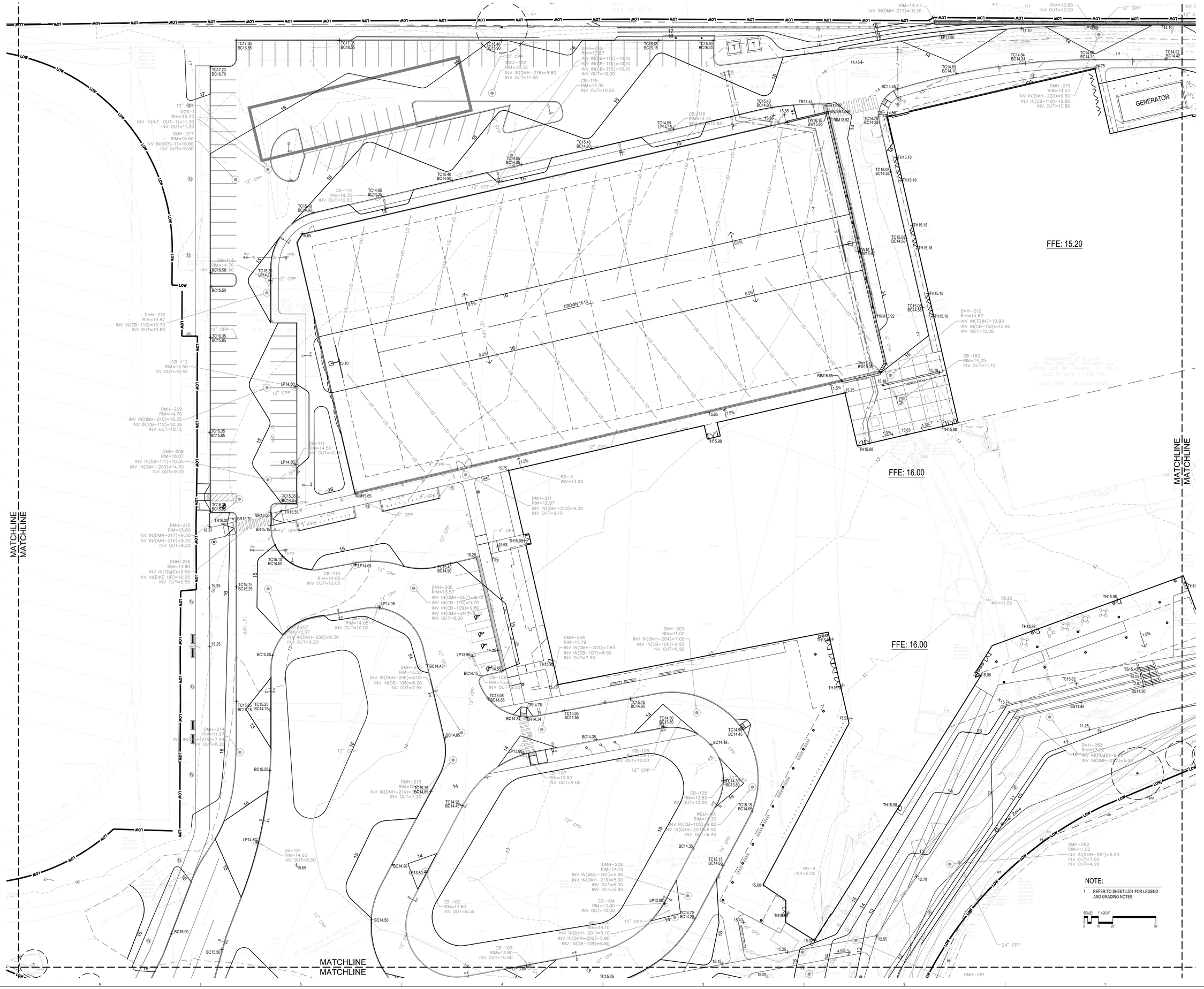
PLANNING BD SET
06.21.2019

JOB NUMBER	153003.001
DRAWN	AML
CHECKED	TJ

TITLE

GRADING PLAN

L302



PERKINS + WILL
225 FRANKLIN ST., SUITE 1100
BOSTON, MA 02110
t 617.478.0300
f 617.478.0321
www.perkinswill.com

WARNER LARSON
LANDSCAPE ARCHITECTS
150 WEST BROADWAY, BOSTON MA 02127
T 617.464.1440 F 617.464.1442
www.warnerlarson.com

NOTE: DOCUMENTS ARE NOT FOR CONSTRUCTION

COMMONWEALTH OF MASSACHUSETTS
DAVID J. WARNER
REGISTERED LANDSCAPE ARCHITECT
NO. 2014

PROJECT

BELMONT HIGH SCHOOL
221 CONCORD AVE.
BELMONT, MA 02478

CLIENT LOGO IF AVAILABLE

TOWN OF BELMONT

KEYPLAN

5 3 2 1
4

REVISIONS

MARK	ISSUE	DATE

PLANNING BD SET 06.21.2019

JOB NUMBER	153003.001
DRAWN	AML
CHECKED	TJ

TITLE

GRADING PLAN

L303

MATCHLINE
MATCHLINE

CONCORD AVE

25' WETLAND BUFFER

100' WETLAND BUFFER

NOTE:

1. REFER TO SHEET L301 FOR LEGEND AND GRADING NOTES

SCALE: 1" = 20'-0"

0 10' 20' 50'

PERKINS + WILL

225 FRANKLIN ST., SUITE 1100
BOSTON, MA 02110
t 617.478.0300
f 617.478.0321
www.perkinswill.com

WARNER LARSON
LANDSCAPE ARCHITECTS

130 WEST BROADWAY, BOSTON MA 02127
T 617.464.1440 F 617.464.1442
www.warnerlarson.com

NOTE: DOCUMENTS ARE NOT FOR CONSTRUCTION

MASSACHUSETTS DAVID J. WARNER NO. 3220 REGISTERED LANDSCAPE ARCHITECT

PROJECT

BELMONT HIGH SCHOOL

221 CONCORD AVE.
BELMONT, MA 02478

CLIENT LOGO IF AVAILABLE

TOWN OF BELMONT

KEYPLAN

5 3 2 1 4

REVISIONS

MARK	ISSUE	DATE

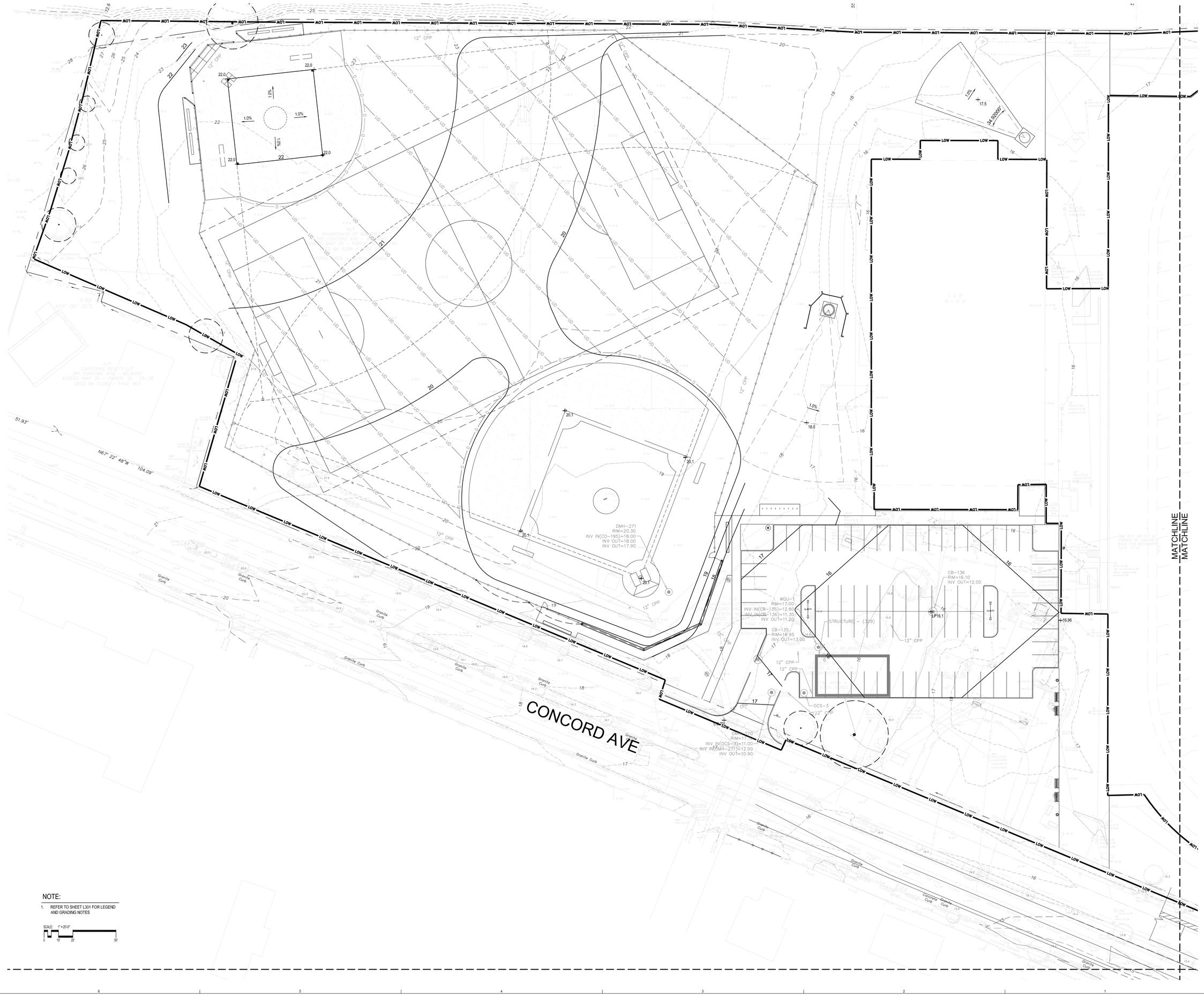
PLANNING BD SET
06.21.2019

JOB NUMBER	153003.001
DRAWN	AML
CHECKED	TJ

TITLE

GRADING PLAN

L304



PERKINS + WILL
225 FRANKLIN ST., SUITE 1100
BOSTON, MA 02110
t 617.478.0300
f 617.478.0321
www.perkinswill.com

WARNER LARSON
LANDSCAPE ARCHITECTS
130 WEST BROADWAY, BOSTON MA 02127
T 617.464.1440 F 617.464.1442
www.warnerlarson.com

NOTE: DOCUMENTS ARE NOT FOR CONSTRUCTION

MASSACHUSETTS
DAVID J WARNER
REGISTERED LANDSCAPE ARCHITECT
NO. 4207

PROJECT

BELMONT HIGH SCHOOL
221 CONCORD AVE.
BELMONT, MA 02478

CLIENT LOGO IF AVAILABLE

TOWN OF BELMONT

KEYPLAN

5 3 2 1
4

REVISIONS

MARK	ISSUE	DATE

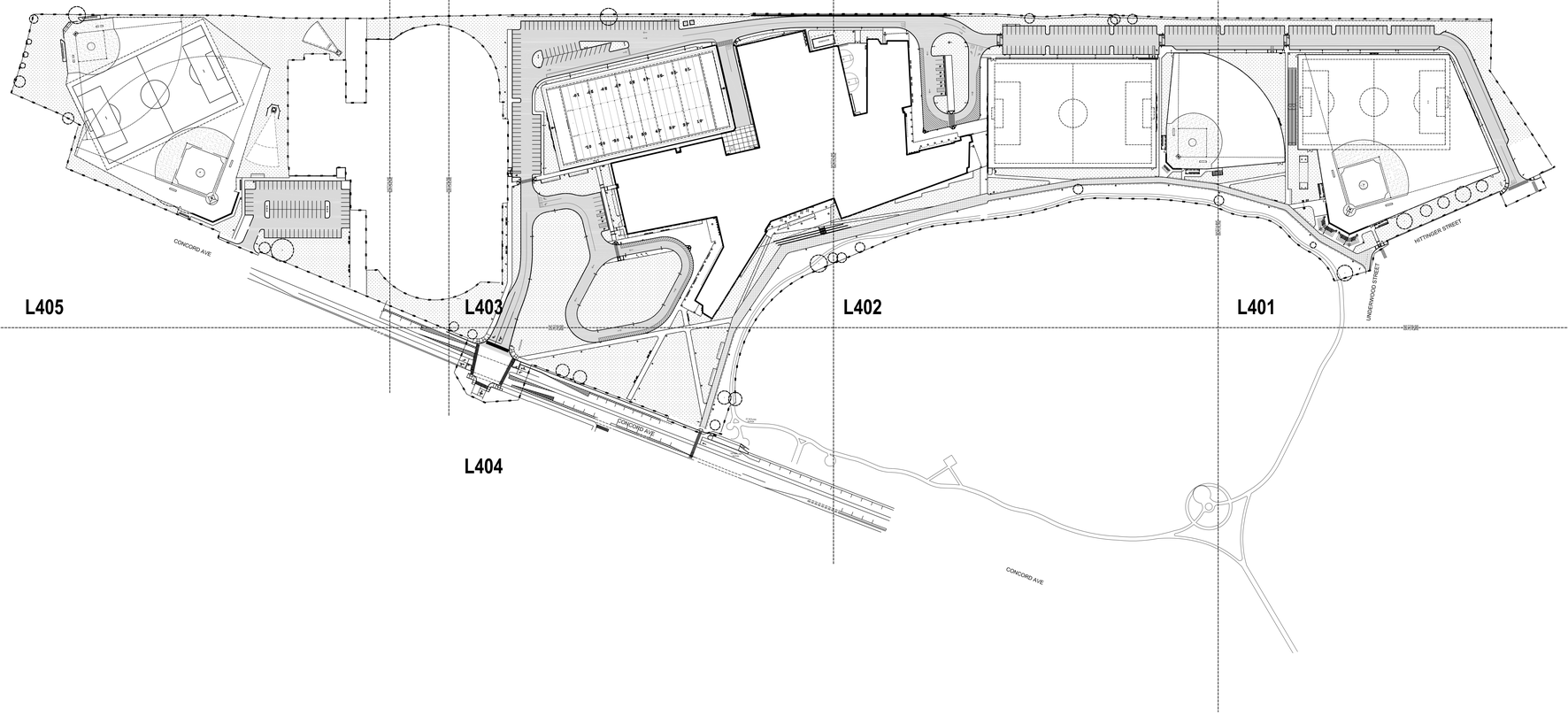
PLANNING BD SET
06.21.2019

JOB NUMBER	153003.001
DRAWN	AML
CHECKED	TJ

TITLE

GRADING PLAN

L305



NOTES:

1. SEE NOTES AND LEGEND ON SHEET L401

SCALE: 1" = 100'-0"

0 50' 100' 250'

PERKINS + WILL
225 FRANKLIN ST., SUITE 1100
BOSTON, MA 02110
t 617.478.0300
f 617.478.0321
www.perkinswill.com

WARNER LARSON
LANDSCAPE ARCHITECTS
130 WEST BROADWAY, BOSTON MA 02127
T 617.464.1440 F 617.464.1442
www.warnerlarson.com

NOTE: DOCUMENTS ARE NOT FOR CONSTRUCTION

MASSACHUSETTS DAVID J. WARNER REGISTERED LANDSCAPE ARCHITECT NO. 4125

PROJECT

BELMONT HIGH SCHOOL
221 CONCORD AVE.
BELMONT, MA 02478

CLIENT LOGO IF AVAILABLE

TOWN OF BELMONT

KEYPLAN

5 3 2 1 4

REVISIONS

MARK	ISSUE	DATE

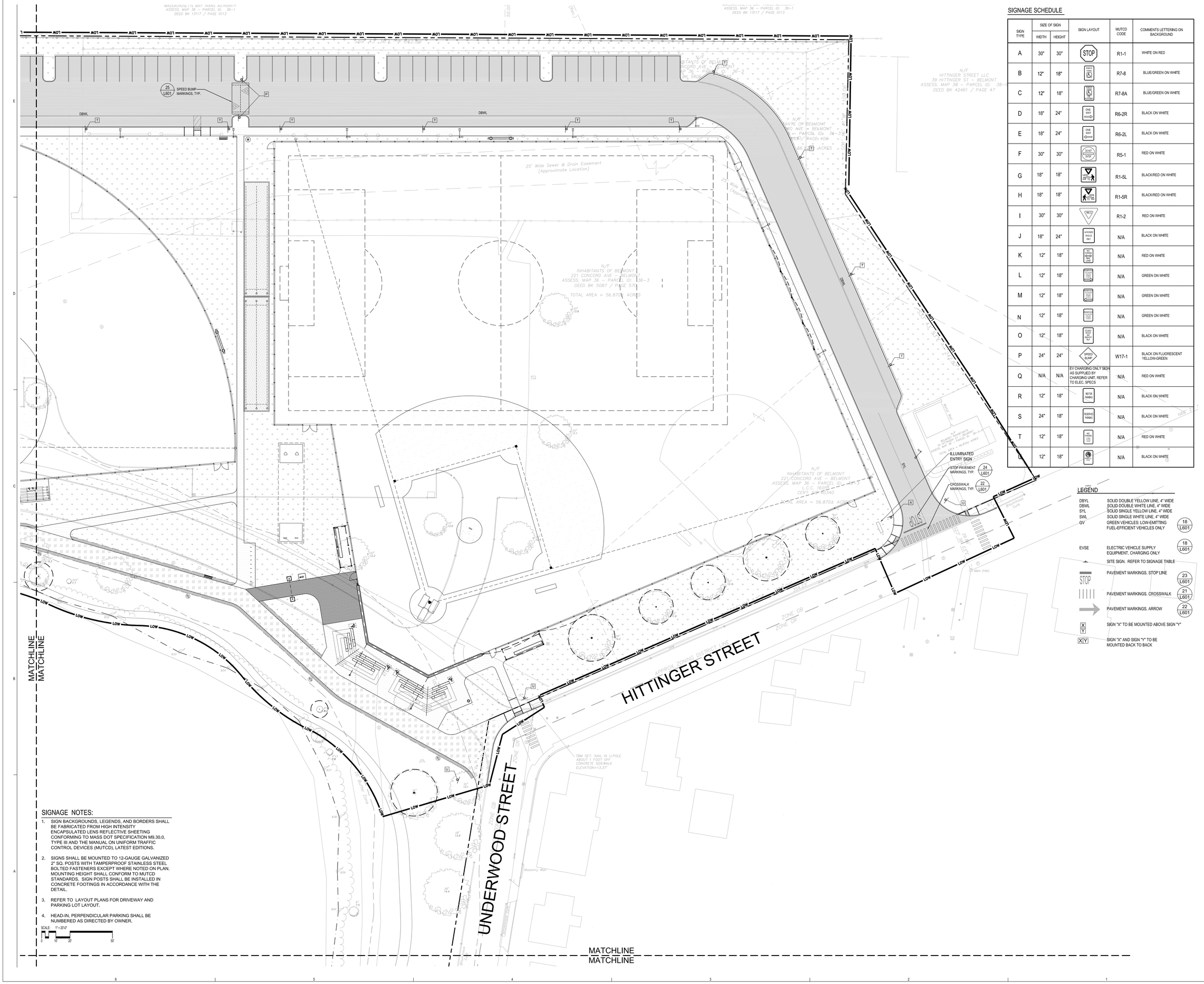
PLANNING BD SET 06.21.2019

JOB NUMBER	153003.001
DRAWN	AML
CHECKED	TJ

TITLE

OVERALL SIGNAGE & PAVEMENT MARKINGS PLAN

L400



SIGNAGE SCHEDULE

SIGN TYPE	SIZE OF SIGN WIDTH	SIZE OF SIGN HEIGHT	SIGN LAYOUT	MUTCD CODE	COMMENTS LETTERING ON BACKGROUND
A	30"	30"	STOP	R1-1	WHITE ON RED
B	12"	18"	RESERVED PARKING	R7-8	BLUE/GREEN ON WHITE
C	12"	18"	RESERVED PARKING VAN ACCESSIBLE	R7-8A	BLUE/GREEN ON WHITE
D	18"	24"	ONE WAY	R6-2R	BLACK ON WHITE
E	18"	24"	ONE WAY	R6-2L	BLACK ON WHITE
F	30"	30"	DO NOT ENTER	R5-1	RED ON WHITE
G	18"	18"	R1-5L	BLACK/RED ON WHITE
H	18"	18"	R1-5R	BLACK/RED ON WHITE
I	30"	30"	YIELD	R1-2	RED ON WHITE
J	18"	24"	ADVANCE VEHICLES ONLY	N/A	BLACK ON WHITE
K	12"	18"	ALL VEHICLES TAKE CARE	N/A	RED ON WHITE
L	12"	18"	RESERVED SPACE FOR ELECTRIC VEHICLE CHARGING ONLY	N/A	GREEN ON WHITE
M	12"	18"	RESERVED SPACE FOR ELECTRIC VEHICLE CHARGING ONLY	N/A	GREEN ON WHITE
N	12"	18"	RESERVED SPACE FOR ELECTRIC VEHICLE CHARGING ONLY	N/A	GREEN ON WHITE
O	12"	18"	VISITOR SPACE ONE HOUR ONLY	N/A	BLACK ON WHITE
P	24"	24"	SPEED BUMP	W17-1	BLACK ON FLUORESCENT YELLOW-GREEN
Q	N/A	N/A	EV CHARGING ONLY SIGN AS SUPPLIED BY CHARGING UNIT. REFER TO ELEC. SPECS	N/A	RED ON WHITE
R	12"	18"	VISITOR PARKING	N/A	BLACK ON WHITE
S	24"	18"	RESERVED PARKING	N/A	BLACK ON WHITE
T	12"	18"	ALL HANDICAP SPACES MUST BE IN USE PERMIT	N/A	RED ON WHITE
U	12"	18"	HANDICAP PARKING	N/A	BLACK ON WHITE

LEGEND

DBYL	SOLID DOUBLE YELLOW LINE, 4" WIDE	
DBWL	SOLID DOUBLE WHITE LINE, 4" WIDE	
SYL	SOLID SINGLE YELLOW LINE, 4" WIDE	
SWL	SOLID SINGLE WHITE LINE, 4" WIDE	
GV	GREEN VEHICLES: LOW-EMITTING FUEL-EFFICIENT VEHICLES ONLY	18 L601
EVSE	ELECTRIC VEHICLE SUPPLY EQUIPMENT, CHARGING ONLY	18 L601
	SITE SIGN. REFER TO SIGNAGE TABLE	
STOP	PAVEMENT MARKINGS. STOP LINE	23 L601
	PAVEMENT MARKINGS. CROSSWALK	21 L601
	PAVEMENT MARKINGS. ARROW	22 L601
X Y	SIGN "X" TO BE MOUNTED ABOVE SIGN "Y"	
X | Y	SIGN "X" AND SIGN "Y" TO BE MOUNTED BACK TO BACK	

SIGNAGE NOTES:

1. SIGN BACKGROUNDS, LEGENDS, AND BORDERS SHALL BE FABRICATED FROM HIGH INTENSITY ENCAPSULATED LENS REFLECTIVE SHEETING CONFORMING TO MASS DOT SPECIFICATION M9.30.0, TYPE III AND THE MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES (MUTCD), LATEST EDITIONS.
2. SIGNS SHALL BE MOUNTED TO 12-GAUGE GALVANIZED 2" SQ. POSTS WITH TAMPERPROOF STAINLESS STEEL BOLTED FASTENERS EXCEPT WHERE NOTED ON PLAN. MOUNTING HEIGHT SHALL CONFORM TO MUTCD STANDARDS. SIGN POSTS SHALL BE INSTALLED IN CONCRETE FOOTINGS IN ACCORDANCE WITH THE DETAIL.
3. REFER TO LAYOUT PLANS FOR DRIVEWAY AND PARKING LOT LAYOUT.
4. HEAD-IN, PERPENDICULAR PARKING SHALL BE NUMBERED AS DIRECTED BY OWNER.

SCALE: 1" = 20'-0"
0 10 20 50

PERKINS + WILL
225 FRANKLIN ST., SUITE 1100
BOSTON, MA 02110
t 617.478.0300
f 617.478.0321
www.perkinswill.com

WARNER LARSON
LANDSCAPE ARCHITECTS
150 WEST BROADWAY, BOSTON MA 02127
T 617.464.1440 F 617.464.1442
www.warnerlarson.com

NOTE: DOCUMENTS ARE NOT FOR CONSTRUCTION

MASSACHUSETTS DAVID J. WARNER NO. 3127 REGISTERED LANDSCAPE ARCHITECT

PROJECT

BELMONT HIGH SCHOOL
221 CONCORD AVE.
BELMONT, MA 02478

CLIENT LOGO IF AVAILABLE

TOWN OF BELMONT

KEYPLAN

5 3 2 1 4

REVISIONS

MARK	ISSUE	DATE

PLANNING BD SET
06.21.2019

JOB NUMBER	153003.001
DRAWN	AML
CHECKED	TJ

TITLE

SIGNAGE & PAVEMENT MARKINGS PLAN

L401

STOP PAVEMENT MARKINGS, TYP. 24 L601

DIRECTIONAL PAVEMENT MARKINGS, TYP. 23 L601

18 L601 EVSE CHARGING ONLY PARKING SPACE, TYP.

EVSE (4)

GV (10)

25 L601 SPEED BUMP MARKINGS, TYP.

BASKETBALL HALF COURT PAVEMENT MARKING 4 L604

24 L601 STOP PAVEMENT MARKINGS, TYP.

ACCESSIBLE PARKING MARKINGS, TYP. 17 L601

12' WIDE CROSSWALK MARKINGS. 22 L601

YELLOW PAVEMENT MATCH WITH FIRE LANE MARKINGS

18 L601 GREEN VEHICLE PARKING SPACE, TYP.

INHABITANTS OF BELMONT
221 CONCORD AVE – BELMONT, MA
ASSESS. MAP 36 – PARCEL ID: 36-3
DEED BK 5516 / PAGE 487

TBM SET: SQ CUT IN CORNER OF CONCRETE STEP ELEVATION=13.76'

25' Wide Sewer & Drain Easement (Approximate Location)

100' Buffer Zone

25' Buffer Zone

Bordering Vegetated Wetlands

Edge of Water

Concrete Headwall

33' Wide Way (Approximate Location Unconstructed)

MATCHLINE

N/F
INHABITANTS OF BELMONT
221 CONCORD AVE – BELMONT
ASSESS. MAP 36 – PARCEL ID: 36-3
DEED BK 5087 / PAGE 570

TOTAL AREA = 56.870± ACRES

NOTES:

1. SEE NOTES AND LEGEND ON SHEET L401

SCALE: 1" = 20'-0"
0 10' 20' 50'

PERKINS + WILL
225 FRANKLIN ST., SUITE 1100
BOSTON, MA 02110
t 617.478.0300
f 617.478.0321
www.perkinswill.com

WARNER LARSON
LANDSCAPE ARCHITECTS
130 WEST BROADWAY, BOSTON MA 02127
T 617.464.1440 F 617.464.1442
www.warnerlarson.com

NOTE: DOCUMENTS ARE NOT FOR CONSTRUCTION

MASSACHUSETTS DAVID J. WARNER NO. 0207 REGISTERED LANDSCAPE ARCHITECT

PROJECT

BELMONT HIGH SCHOOL
221 CONCORD AVE.
BELMONT, MA 02478

CLIENT LOGO IF AVAILABLE

TOWN OF BELMONT

KEYPLAN

5 3 2 1 4

REVISIONS

MARK	ISSUE	DATE

PLANNING BD SET 06.21.2019

JOB NUMBER	153003.001
DRAWN	AML
CHECKED	TJ

TITLE

SIGNAGE & PAVEMENT MARKINGS PLAN

L402

NOTES:

1. SEE NOTES AND LEGEND ON SHEET L401

SCALE: 1" = 20'-0"

MATCHLINE
MATCHLINE

PERKINS + WILL
225 FRANKLIN ST., SUITE 1100
BOSTON, MA 02110
t 617.478.0300
f 617.478.0321
www.perkinswill.com

WARNER LARSON
LANDSCAPE ARCHITECTS
130 WEST BROADWAY, BOSTON MA 02127
T 617.464.1440 F 617.464.1442
www.warnerlarson.com

NOTE: DOCUMENTS ARE NOT FOR CONSTRUCTION

PROJECT

BELMONT HIGH SCHOOL
221 CONCORD AVE.
BELMONT, MA 02478

CLIENT LOGO IF AVAILABLE

TOWN OF BELMONT

KEYPLAN

REVISIONS

MARK	ISSUE	DATE

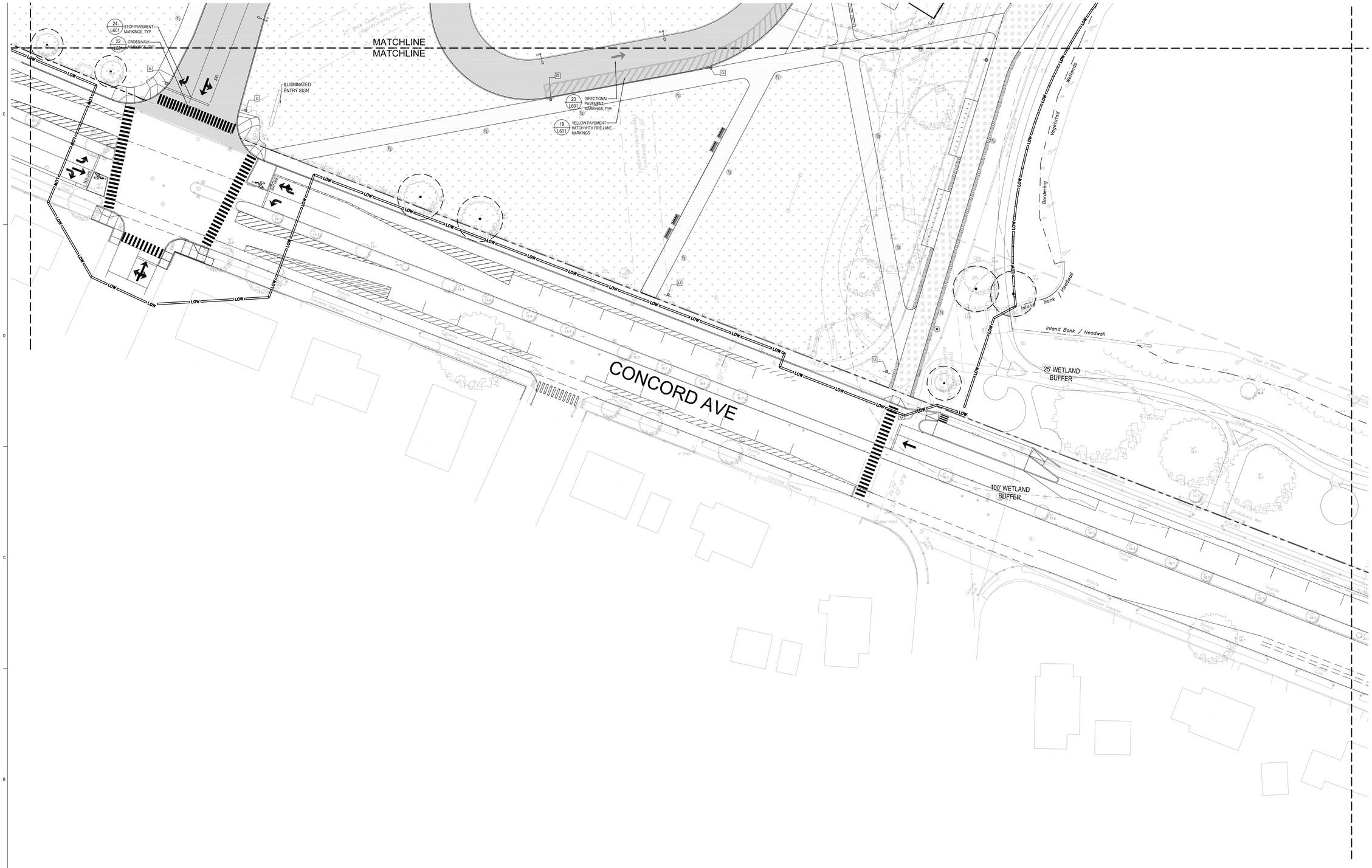
PLANNING BD SET
06.21.2019

JOB NUMBER	153003.001
DRAWN	AML
CHECKED	TJ

TITLE

SIGNAGE & PAVEMENT MARKINGS PLAN

L403



NOTES:

1. SEE NOTES AND LEGEND ON SHEET L401

SCALE: 1" = 20'-0"

0 10' 20' 50'

PERKINS + WILL
225 FRANKLIN ST., SUITE 1100
BOSTON, MA 02110
t 617.478.0300
f 617.478.0321
www.perkinswill.com

WARNER LARSON
LANDSCAPE ARCHITECTS
150 WEST BROADWAY, BOSTON MA 02127
T 617.464.1440 F 617.464.1442
www.warnerlarson.com

NOTE: DOCUMENTS ARE NOT FOR CONSTRUCTION

MASSACHUSETTS DAVID J. WARNER NO. 4126 REGISTERED LANDSCAPE ARCHITECT

PROJECT

BELMONT HIGH SCHOOL
221 CONCORD AVE
BELMONT, MA 02478

CLIENT LOGO IF AVAILABLE

TOWN OF BELMONT

KEYPLAN

5 3 2 1 4

REVISIONS

MARK	ISSUE	DATE

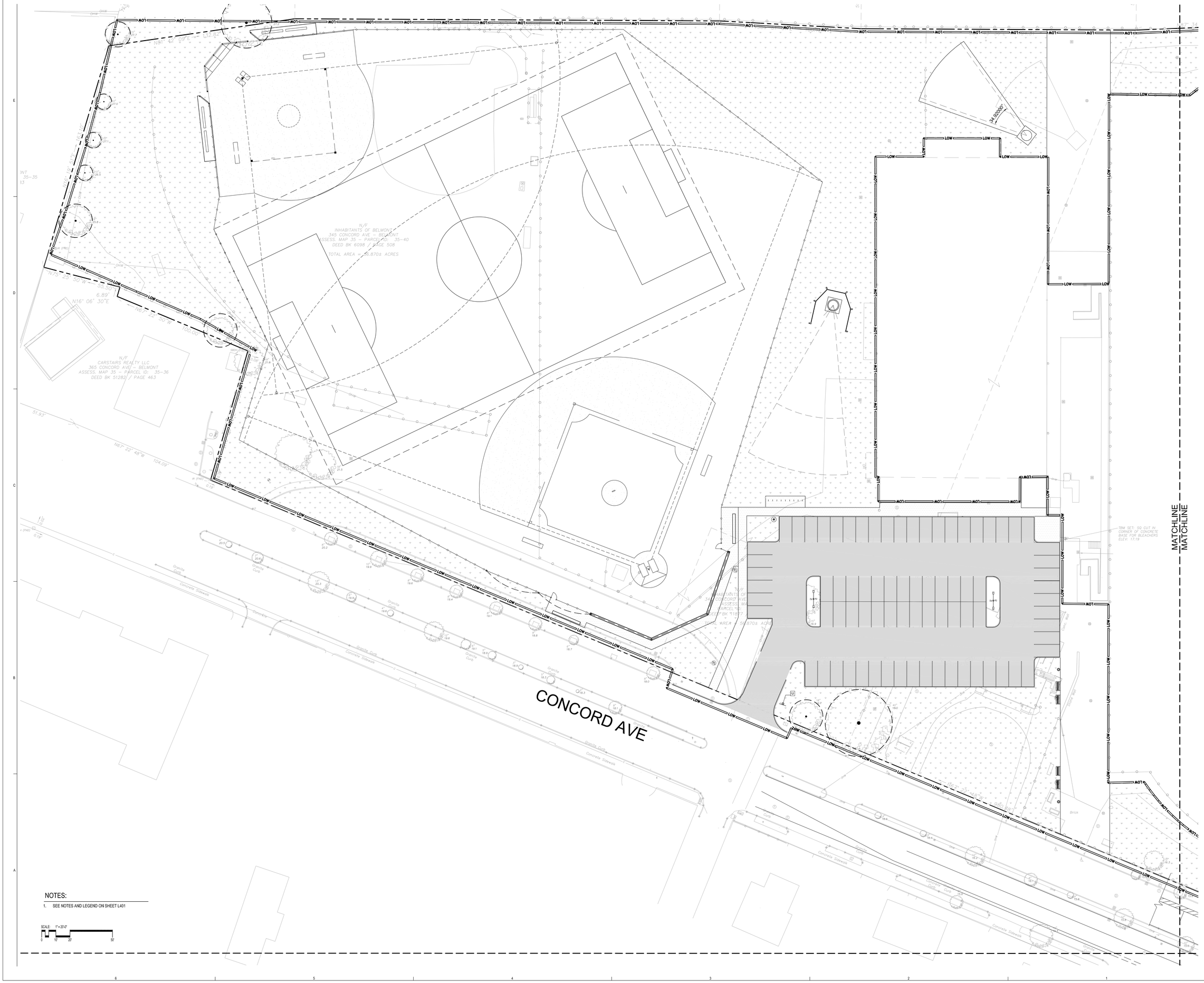
PLANNING BD SET
06.21.2019

JOB NUMBER	153003.001
DRAWN	AML
CHECKED	TJ

TITLE

SIGNAGE & PAVEMENT MARKINGS PLAN

L404



NOTES:

1. SEE NOTES AND LEGEND ON SHEET L401

SCALE: 1" = 20'-0"

0 10' 20' 50'

PERKINS + WILL
225 FRANKLIN ST., SUITE 1100
BOSTON, MA 02110
t 617.478.0300
f 617.478.0321
www.perkinswill.com

WARNER LARSON
LANDSCAPE ARCHITECTS
150 WEST BROADWAY, BOSTON MA 02127
T 617.464.1440 F 617.464.1442
www.warnerlarson.com

NOTE: DOCUMENTS ARE NOT FOR CONSTRUCTION

MASSACHUSETTS DAVID J. WARNER REGISTERED LANDSCAPE ARCHITECT No. 1178

PROJECT

BELMONT HIGH SCHOOL
221 CONCORD AVE.
BELMONT, MA 02478

CLIENT LOGO IF AVAILABLE

TOWN OF BELMONT

KEYPLAN

5 3 2 1 4

REVISIONS

MARK	ISSUE	DATE

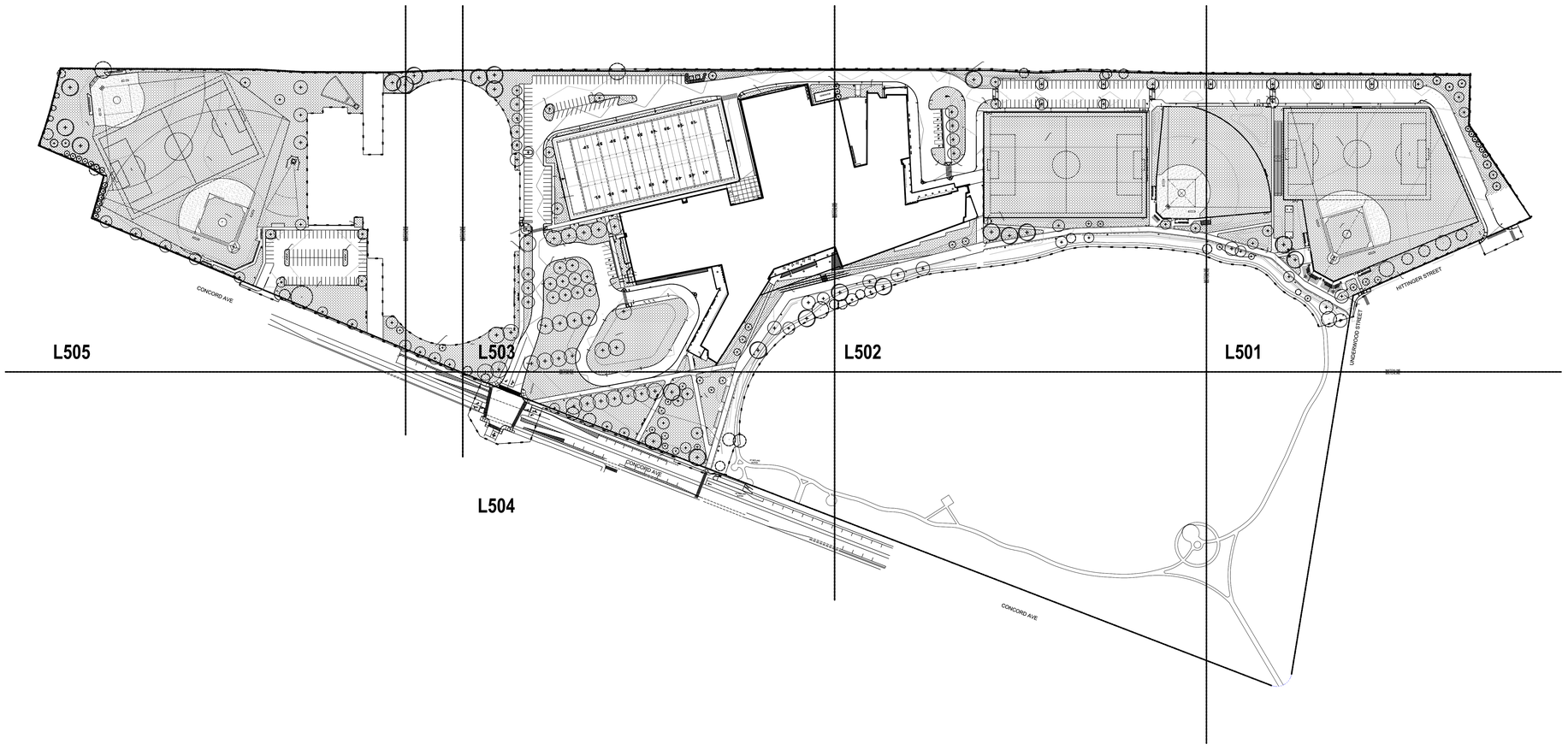
PLANNING BD SET 06.21.2019

JOB NUMBER	153003.001
DRAWN	AML
CHECKED	TJ

TITLE

SIGNAGE & PAVEMENT MARKINGS PLAN

L405



PERKINS
+WILL

225 FRANKLIN ST., SUITE 1100
BOSTON, MA 02110
t 617.478.0300
f 617.478.0321
www.perkinswill.com

WARNER LARSON
LANDSCAPE ARCHITECTS

150 WEST BROADWAY, BOSTON MA 02127
T 617.464.1440 F 617.464.1442
www.warnerlarson.com

NOTE: DOCUMENTS ARE NOT FOR CONSTRUCTION

COMMONWEALTH OF MASSACHUSETTS
DAVID J. WARNER
REGISTERED LANDSCAPE ARCHITECT
NO. 2097

PROJECT

BELMONT HIGH SCHOOL
221 CONCORD AVE.
BELMONT, MA 02478

CLIENT LOGO IF AVAILABLE

TOWN OF BELMONT

KEYPLAN

5 3 2 1
4

REVISIONS

MARK	ISSUE	DATE

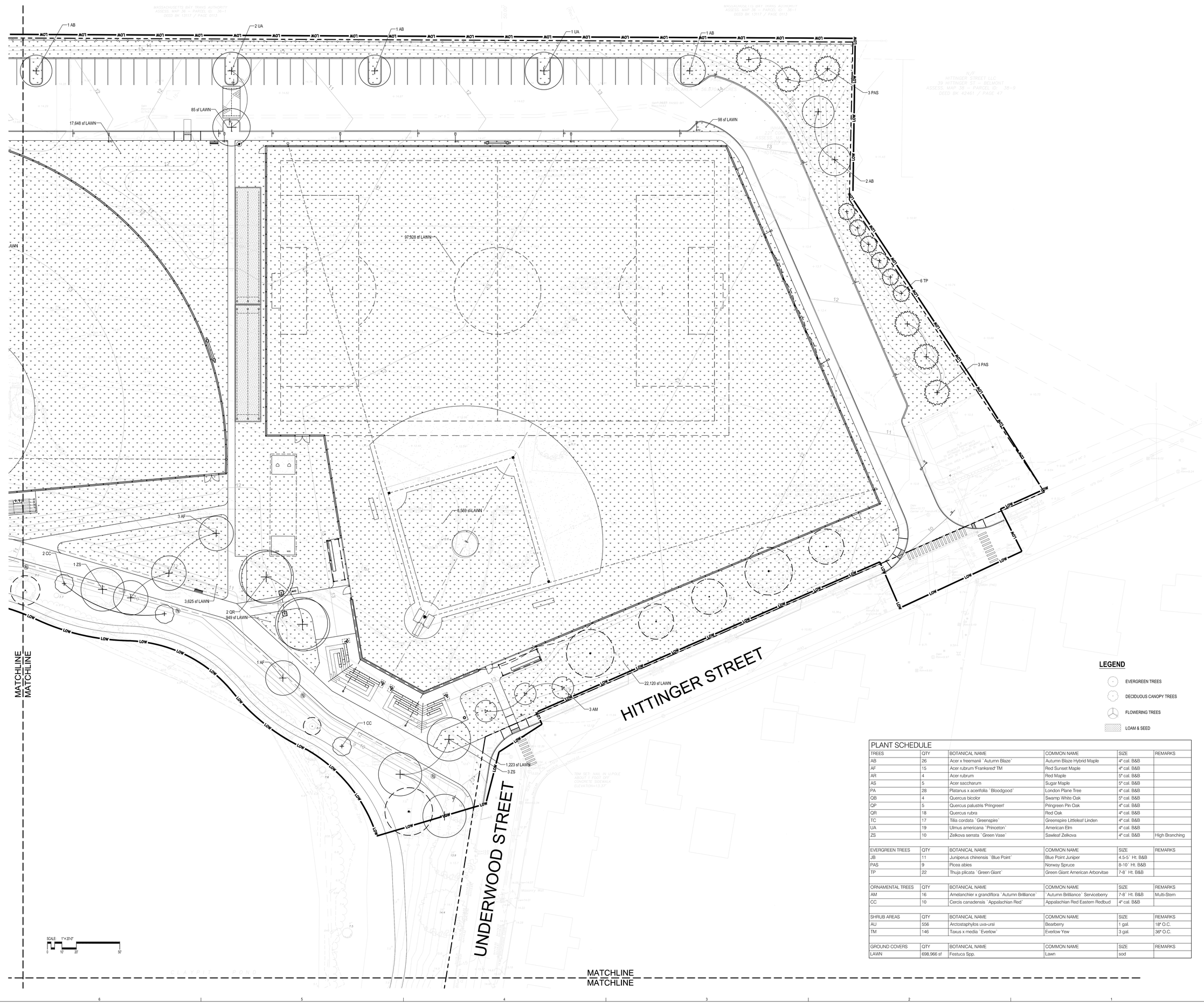
PLANNING BD SET
06.21.2019

JOB NUMBER	153003.001
DRAWN	AML
CHECKED	TJ

TITLE

OVERALL PLANTING PLAN

L500



LEGEND

- EVERGREEN TREES
- DECIDUOUS CANOPY TREES
- FLOWERING TREES
- LOAM & SEED

PLANT SCHEDULE

TREES	QTY	BOTANICAL NAME	COMMON NAME	SIZE	REMARKS
AB	26	Acer x freemanii `Autumn Blaze`	Autumn Blaze Hybrid Maple	4" cal. B&B	
AF	15	Acer rubrum 'Franksred' TM	Red Sunset Maple	4" cal. B&B	
AR	4	Acer rubrum	Red Maple	5" cal. B&B	
AS	5	Acer saccharum	Sugar Maple	5" cal. B&B	
PA	28	Platanus x acerifolia `Bloodgood`	London Plane Tree	4" cal. B&B	
QB	4	Quercus bicolor	Swamp White Oak	5" cal. B&B	
QP	5	Quercus palustris 'Pringreen'	Pringreen Pin Oak	4" cal. B&B	
QR	18	Quercus rubra	Red Oak	4" cal. B&B	
TC	17	Tilia cordata `Greenspire`	Greenspire Littleleaf Linden	4" cal. B&B	
UA	19	Ulmus americana `Princeton`	American Elm	4" cal. B&B	
ZS	10	Zelkova serrata `Green Vase`	Sawleaf Zelkova	4" cal. B&B	High Branching
EVERGREEN TREES	QTY	BOTANICAL NAME	COMMON NAME	SIZE	REMARKS
JB	11	Juniperus chinensis `Blue Point`	Blue Point Juniper	4.5-5` Ht. B&B	
PAS	9	Picea abies	Norway Spruce	8-10` Ht. B&B	
TP	22	Thuja plicata `Green Giant`	Green Giant American Arborvitae	7-8` Ht. B&B	
ORNAMENTAL TREES	QTY	BOTANICAL NAME	COMMON NAME	SIZE	REMARKS
AM	16	Amelanchier x grandiflora `Autumn Brilliance`	`Autumn Brilliance` Serviceberry	7-8` Ht. B&B	Multi-Stem
CC	10	Cercis canadensis `Appalachian Red`	Appalachian Red Eastern Redbud	4" cal. B&B	
SHRUB AREAS	QTY	BOTANICAL NAME	COMMON NAME	SIZE	REMARKS
AU	556	Arctostaphylos uva-ursi	Bearberry	1 gal.	18" O.C.
TM	146	Taxus x media `Everlow`	Everlow Yew	3 gal.	36" O.C.
GROUND COVERS	QTY	BOTANICAL NAME	COMMON NAME	SIZE	REMARKS
LAWN	698,966 sf	Festuca Spp.	Lawn	sod	

PERKINS + WILL
225 FRANKLIN ST., SUITE 1100
BOSTON, MA 02110
t 617.478.0300
f 617.478.0321
www.perkinswill.com

WARNER LARSON
LANDSCAPE ARCHITECTS
130 WEST BROADWAY, BOSTON MA 02127
T 617.464.1440 F 617.464.1442
www.warnerlarson.com

NOTE: DOCUMENTS ARE NOT FOR CONSTRUCTION

MASSACHUSETTS DAVID J WARNER REGISTERED LANDSCAPE ARCHITECT NO. 1017

PROJECT

BELMONT HIGH SCHOOL
221 CONCORD AVE.
BELMONT, MA 02478

CLIENT LOGO IF AVAILABLE

TOWN OF BELMONT

KEYPLAN

5 3 2 1 4

REVISIONS

MARK	ISSUE	DATE

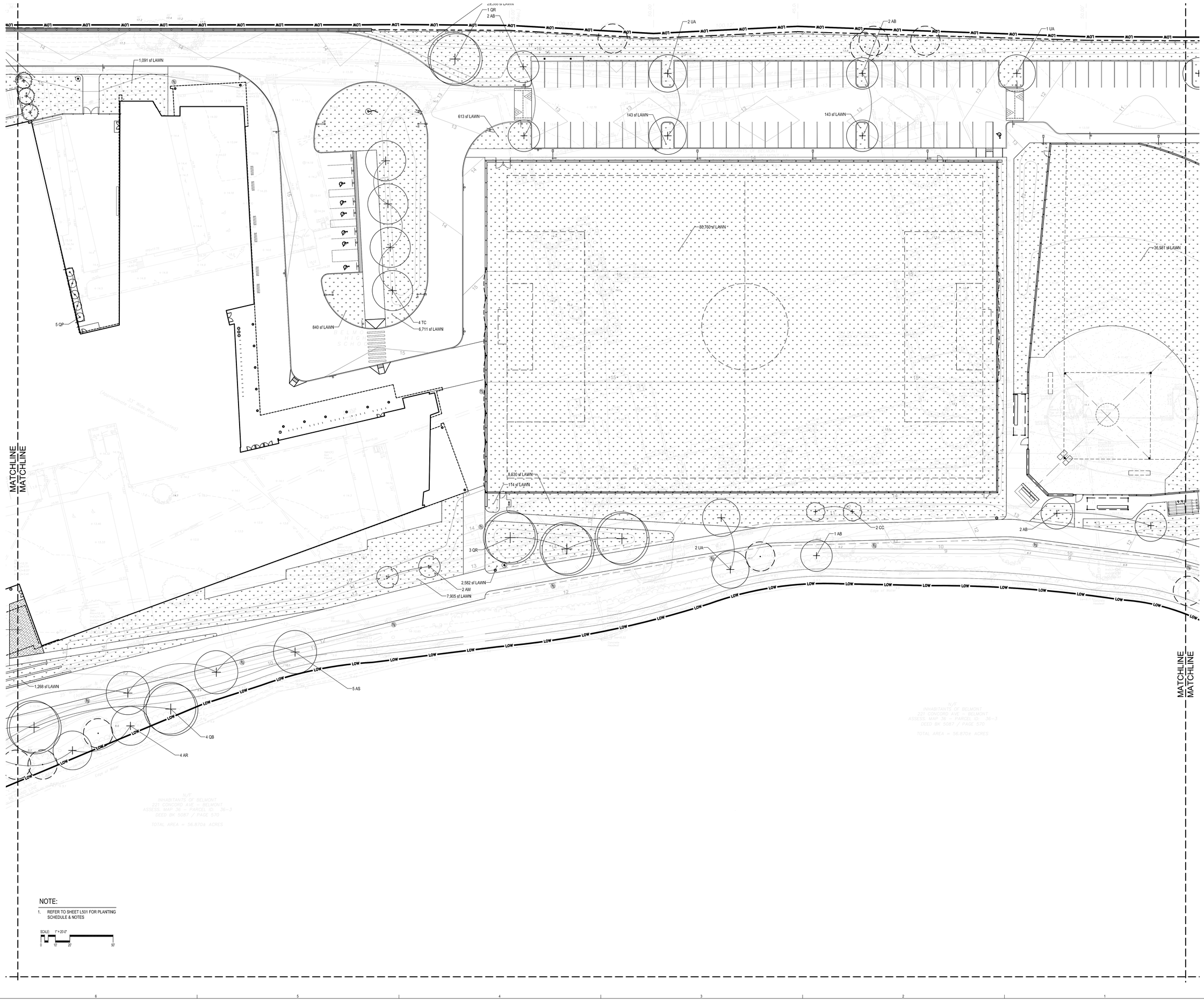
PLANNING BD SET
06.21.2019

JOB NUMBER	153003.001
DRAWN	AML
CHECKED	TJ

TITLE

PLANTING PLAN

L501



NOTE:

1. REFER TO SHEET L501 FOR PLANTING SCHEDULE & NOTES

SCALE: 1" = 20'-0"
0 10' 20' 50'

PERKINS + WILL
225 FRANKLIN ST., SUITE 1100
BOSTON, MA 02110
t 617.478.0300
f 617.478.0321
www.perkinswill.com

WARNER LARSON
LANDSCAPE ARCHITECTS
130 WEST BROADWAY, BOSTON MA 02127
T 617.464.1440 F 617.464.1442
www.warnerlarson.com

NOTE: DOCUMENTS ARE NOT FOR CONSTRUCTION

MASSACHUSETTS
DAVID J. WARNER
REGISTERED LANDSCAPE ARCHITECT
NO. 2277

PROJECT

BELMONT HIGH SCHOOL
221 CONCORD AVE.
BELMONT, MA 02478

CLIENT LOGO IF AVAILABLE

TOWN OF BELMONT

KEYPLAN

5 3 2 1 4

REVISIONS

MARK	ISSUE	DATE

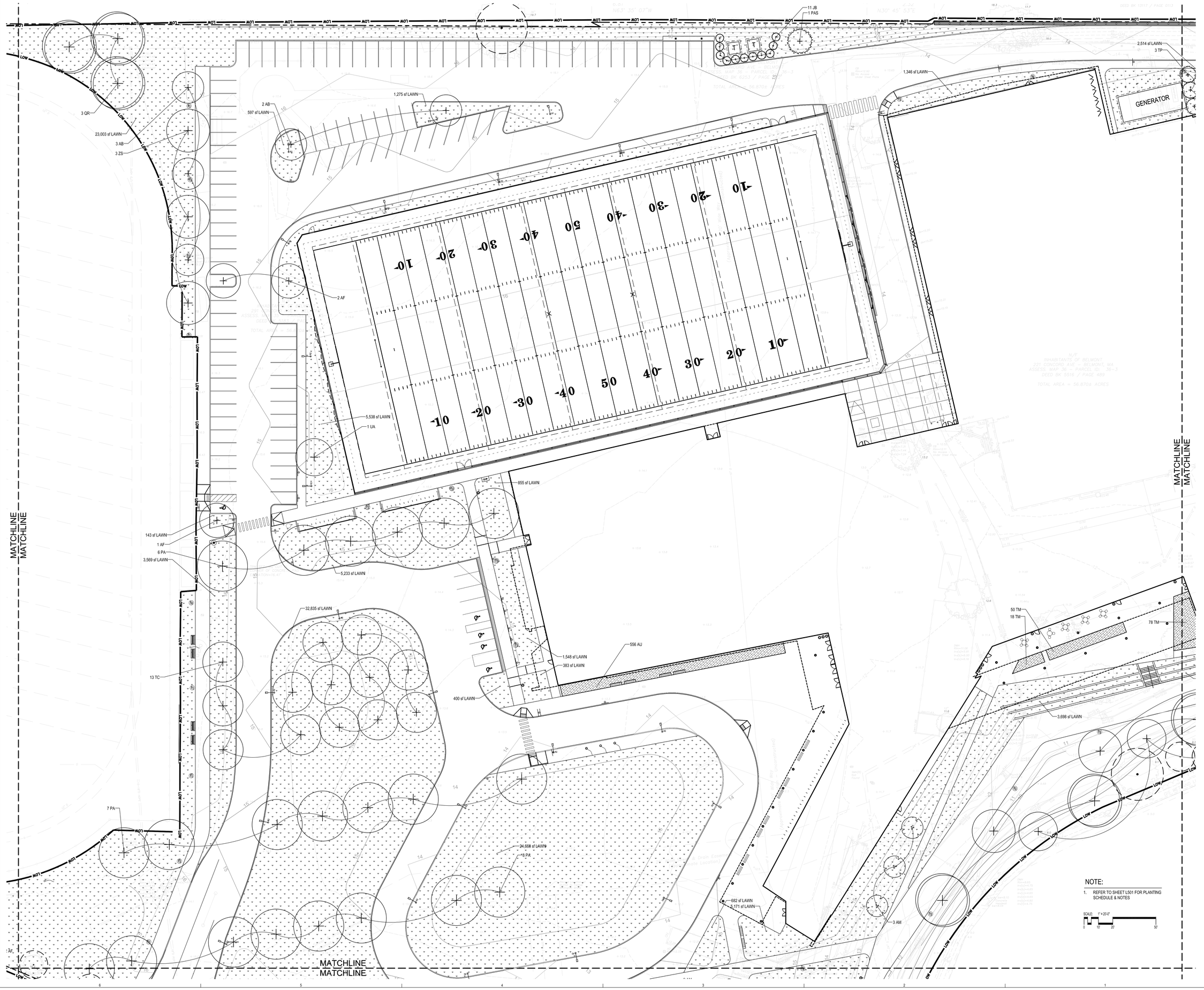
PLANNING BD SET
06.21.2019

JOB NUMBER	153003.001
DRAWN	AML
CHECKED	TJ

TITLE

PLANTING PLAN

L502



NOTE:

1. REFER TO SHEET L501 FOR PLANTING SCHEDULE & NOTES

SCALE: 1" = 20'-0"

0 10' 20' 50'

PERKINS + WILL

225 FRANKLIN ST., SUITE 1100
BOSTON, MA 02110
t 617.478.0300
f 617.478.0321
www.perkinswill.com

WARNER LARSON
LANDSCAPE ARCHITECTS

130 WEST BROADWAY, BOSTON MA 02127
T 617.464.1440 F 617.464.1442
www.warnerlarson.com

NOTE: DOCUMENTS ARE NOT FOR CONSTRUCTION

MASSACHUSETTS
DAVID J. WARNER
REGISTERED LANDSCAPE ARCHITECT
NO. 1016

PROJECT

BELMONT HIGH SCHOOL

221 CONCORD AVE.
BELMONT, MA 02478

CLIENT LOGO IF AVAILABLE

TOWN OF BELMONT

KEYPLAN

5 3 2 1 4

REVISIONS

MARK	ISSUE	DATE

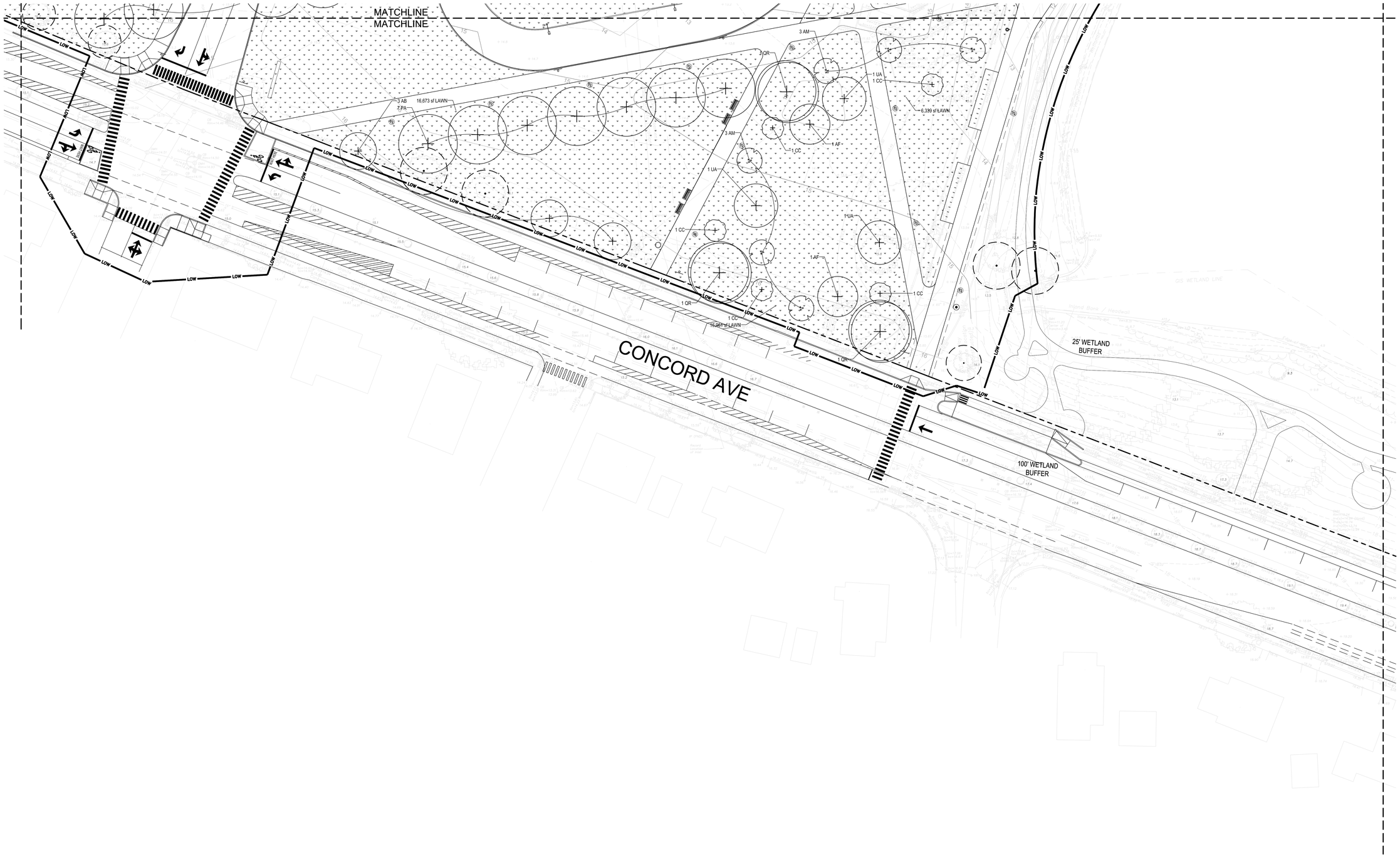
PLANNING BD SET
06.21.2019

JOB NUMBER	153003.001
DRAWN	AML
CHECKED	TJ

TITLE

PLANTING PLAN

L503



NOTE:

1. REFER TO SHEET L501 FOR PLANTING SCHEDULE & NOTES

SCALE: 1" = 20'-0"

0 10' 20' 50'

PERKINS + WILL
225 FRANKLIN ST., SUITE 1100
BOSTON, MA 02110
t 617.478.0300
f 617.478.0321
www.perkinswill.com

WARNER LARSON
LANDSCAPE ARCHITECTS
130 WEST BROADWAY, BOSTON MA 02127
T 617.464.1440 F 617.464.1442
www.warnerlarson.com

NOTE: DOCUMENTS ARE NOT FOR CONSTRUCTION

MASSACHUSETTS
DAVID J WARNER
No. 2021
REGISTERED LANDSCAPE ARCHITECT

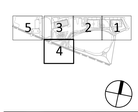
PROJECT

BELMONT HIGH SCHOOL
221 CONCORD AVE.
BELMONT, MA 02478

CLIENT LOGO IF AVAILABLE

TOWN OF BELMONT

KEYPLAN



REVISIONS

MARK	ISSUE	DATE

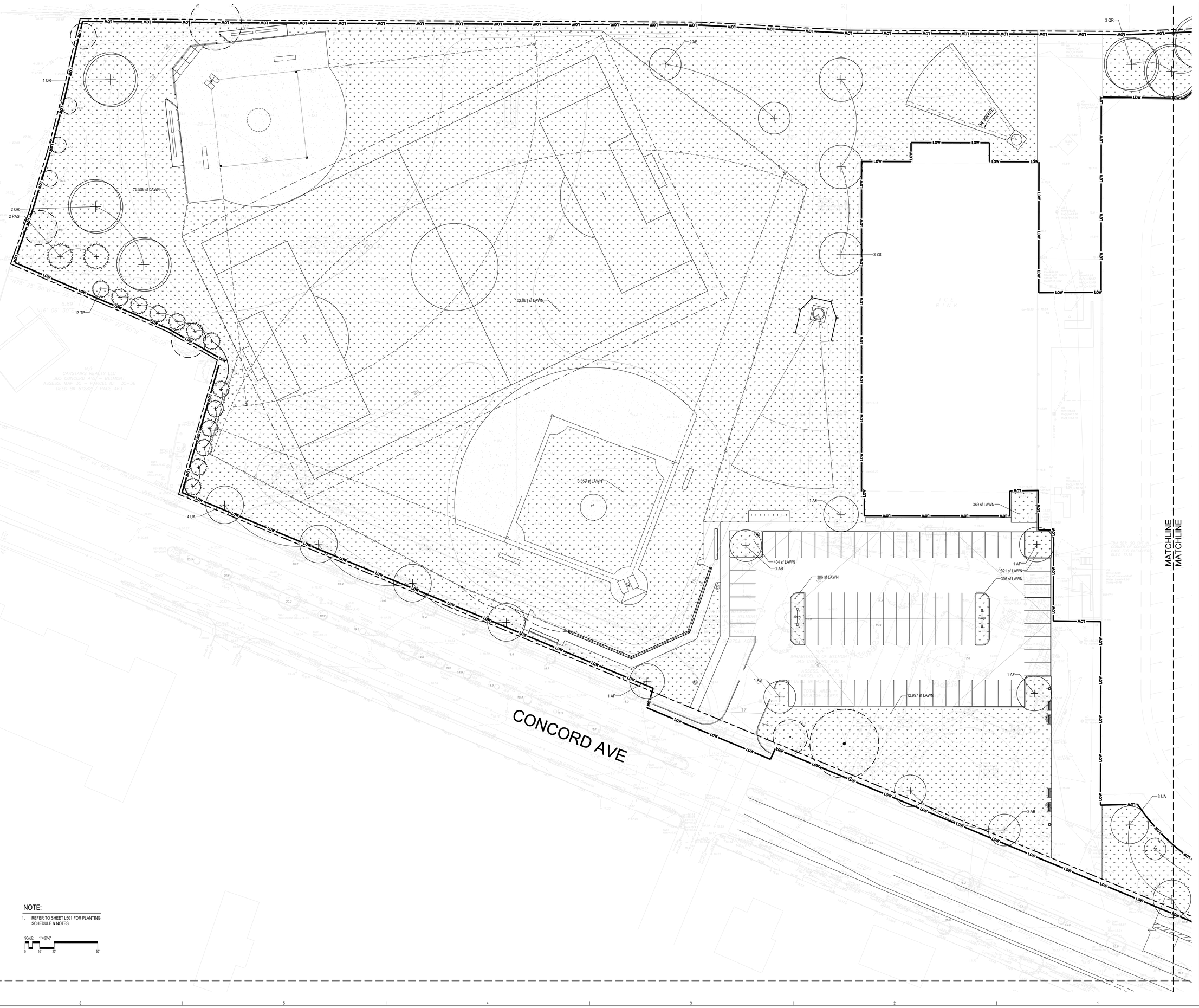
PLANNING BD SET
06.21.2019

JOB NUMBER	153003.001
DRAWN	AML
CHECKED	TJ

TITLE

PLANTING PLAN

L504



NOTE:

1. REFER TO SHEET L501 FOR PLANTING SCHEDULE & NOTES

SCALE: 1" = 20'-0"
0 10' 20' 50'

PERKINS + WILL
225 FRANKLIN ST., SUITE 1100
BOSTON, MA 02110
t 617.478.0300
f 617.478.0321
www.perkinswill.com

WARNER LARSON
LANDSCAPE ARCHITECTS
150 WEST BROADWAY, BOSTON MA 02127
T 617.464.1440 F 617.464.1442
www.warnerlarson.com

NOTE: DOCUMENTS ARE NOT FOR CONSTRUCTION

MASSACHUSETTS DAVID J. WARNER NO. 5012 REGISTERED LANDSCAPE ARCHITECT

PROJECT

BELMONT HIGH SCHOOL
221 CONCORD AVE.
BELMONT, MA 02478

CLIENT LOGO IF AVAILABLE

TOWN OF BELMONT

KEYPLAN

5 3 2 1 4

REVISIONS

MARK	ISSUE	DATE

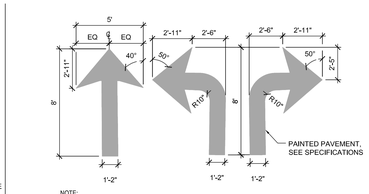
PLANNING BD SET
06.21.2019

JOB NUMBER	153003.001
DRAWN	AML
CHECKED	TJ

TITLE

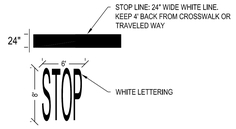
PLANTING PLAN

L505



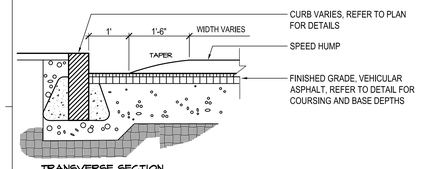
NOTE:
1. PROVIDE PAVEMENT MARKINGS WHERE SHOWN ON THE PLAN IN ACCORDANCE WITH THIS DETAIL.
2. PROVIDE SHOP DRAWINGS
3. SEE SPECIFICATIONS

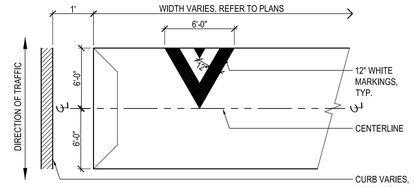
23 DIRECTIONAL PAVEMENT MARKINGS
SCALE: 1/4" = 1'-0"

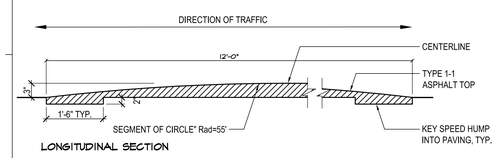


NOTE:
PROVIDE PAVEMENT MARKINGS WHERE SHOWN ON THE PLAN IN ACCORDANCE WITH THIS DETAIL.

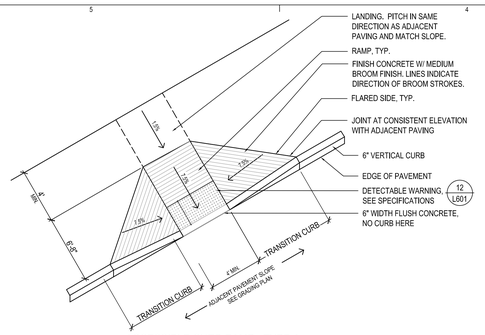
24 'STOP' PAVEMENT MARKINGS
SCALE: 1-1/2"=1'-0"



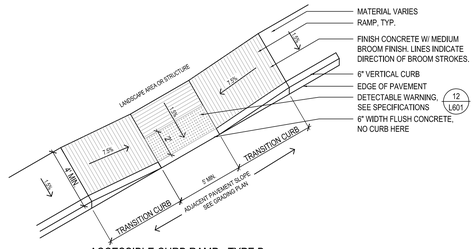




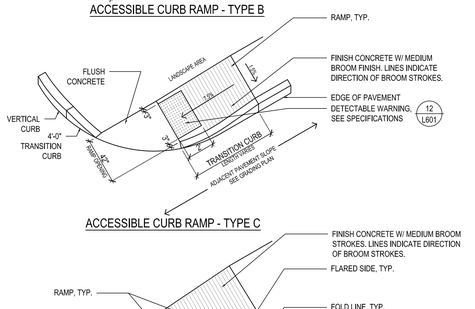
25 SPEED HUMP
SCALE: 3/4" = 1'-0"



ACCESSIBLE CURB RAMP - TYPE A



ACCESSIBLE CURB RAMP - TYPE B



ACCESSIBLE CURB RAMP - TYPE C

ACCESSIBLE CURB RAMP "TYPE D"

TRANSITION CURB LENGTH CHART ON 7.5% SLOPE RAMP W/ 6" CURB REVEAL

ADJACENT PAVEMENT SLOPE	TRANSITION LENGTH UPHILL SIDE	TRANSITION LENGTH DOWNHILL SIDE
0%	6.5'	6.5'
0-1%	7'-6"	6.5'
>1-2%	9.0'	6.5'
>2-3%	11.0'	6.5'
>3-4%	14.0'	6.5'
>4-5%	15.0' MAX	6.5'

NOTES:
1. CURBS AND WALKS ALONG ACCESSIBLE CURB RAMPS SHALL CONFORM TO THE APPLICABLE REGULATIONS OF THE MASSACHUSETTS ARCHITECTURAL ACCESS BOARD AND THE AMERICANS WITH DISABILITIES ACT. NON-CONFORMING WORK SHALL BE REMOVED AND REINSTALLED AT THE CONTRACTORS EXPENSE.
2. MAXIMUM SLOPE ON RAMP NOT TO EXCEED 8.0%. MAXIMUM CROSS SLOPE PERPENDICULAR TO RAMP NOT TO EXCEED 1.8%.
3. MAXIMUM SLOPE ON LANDING NOT TO EXCEED 1.8%. MINIMUM SLOPE ON LANDING NOT TO BE LESS THAN 1%.
4. MAXIMUM TRANSITION CURB AND FLARED SIDE SLOPES NOT TO EXCEED 8.0%. MINIMUM TRANSITION CURB AND FLARED SIDE SLOPE NOT TO BE LESS THAN 7%.
5. SOME ACCESSIBLE CURB CUT CONFIGURATIONS INDICATED MAY REQUIRE RADIAL TRANSITION CURBS. SEE LAYOUT DRAWING FOR RADIAL DIMENSIONS. ADDITIONALLY, SEE PLAN FOR SOME RAMPS NOTED AS SIMILAR.
6. DETECTABLE WARNING SURFACE COLOR TO CONTRAST ADJACENT PAVING MATERIAL: DARK WITH LIGHT OR LIGHT WITH DARK AS DEFINED IN THE AMERICANS WITH DISABILITIES ACT, SEE SPECIFICATIONS.
7. CURB CUTS SHALL BE PERPENDICULAR TO THE CURB, UNLESS OTHERWISE SHOWN.
8. REFER TO TRANSITION CURB LENGTH CHART FOR TRANSITION CURB LENGTHS.
9. PROVIDE POSITIVE DRAINAGE AWAY FROM BOTTOM OF CURB RAMPS TO PREVENT PONDING.
10. ALL RAMPS SHALL BE CONCRETE PAVING PER DETAIL.

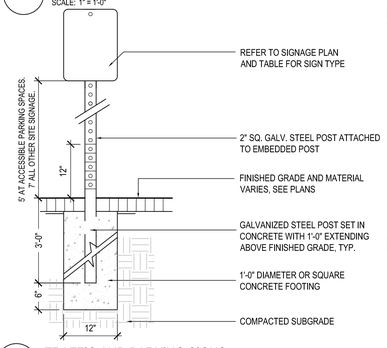
21 ACCESSIBLE CURB RAMPS
SCALE: 1/4" = 1'-0"

NOTE:
1. PROVIDE PAVEMENT MARKINGS WHERE SHOWN ON PLANS IN ACCORDANCE WITH THIS DETAIL.
2. SEE SPECIFICATIONS

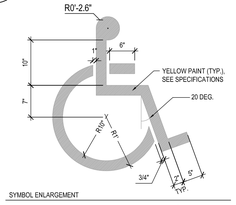
22 CROSSWALK MARKINGS
SCALE: 1" = 1'-0"

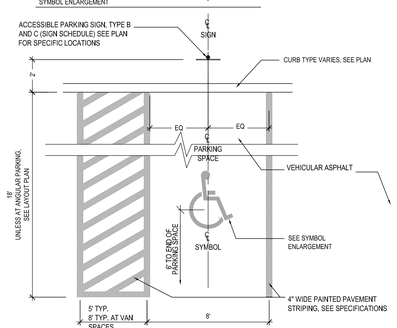


15 BOLLARD WITH SIGN
SCALE: 1" = 1'-0"

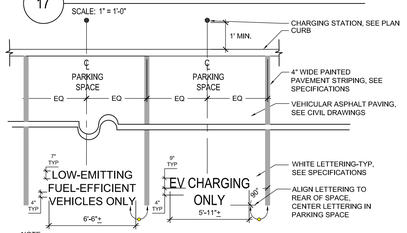


16 TRAFFIC AND PARKING SIGNS
SCALE: 1" = 1'-0"



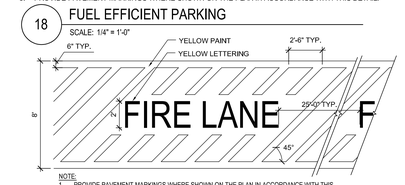


17 ACCESSIBLE PARKING MARKINGS
SCALE: 1" = 1'-0"



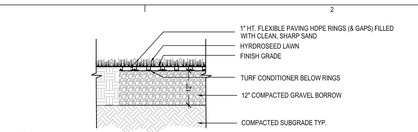
NOTE:
1. FE=LOW-EMITTING FUEL-EFFICIENT VEHICLES ONLY
2. EV= ELECTRIC CHARGING ONLY
3. PROVIDE PAVEMENT MARKINGS WHERE SHOWN ON THE PLAN IN ACCORDANCE WITH THIS DETAIL.

18 FUEL EFFICIENT PARKING
SCALE: 1/4" = 1'-0"

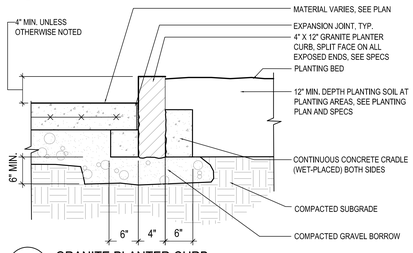


NOTE:
1. PROVIDE PAVEMENT MARKINGS WHERE SHOWN ON THE PLAN IN ACCORDANCE WITH THIS DETAIL.
2. PROVIDE SHOP DRAWINGS
3. SEE SPECIFICATIONS

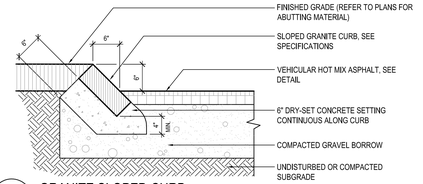
19 FIRE LANE PAVEMENT MARKINGS
SCALE: 1/4" = 1'-0"



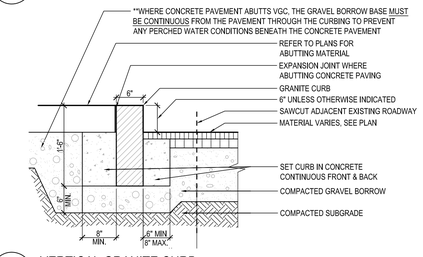
8 STABILIZED LAWN SHOULDER
SCALE: 3/4" = 1'-0"



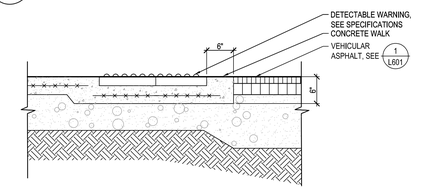
9 GRANITE PLANTER CURB
SCALE: 1" = 1'-0"



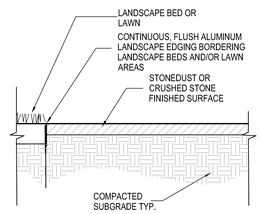
10 GRANITE SLOPED CURB
SCALE: 1" = 1'-0"



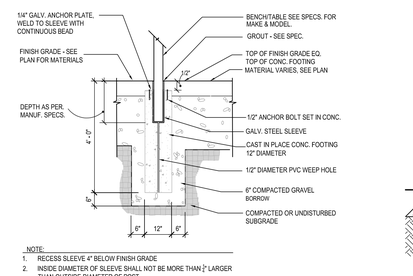
11 VERTICAL GRANITE CURB
SCALE: 1" = 1'-0"



12 DETECTABLE WARNING
SCALE: 1" = 1'-0"

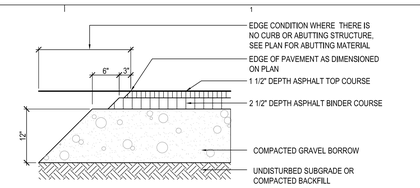


13 METAL EDGING
SCALE: 1" = 1'-0"

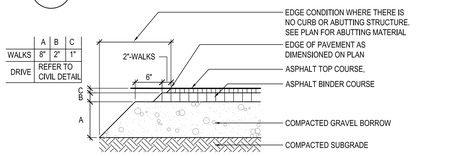


NOTE:
1. RECESS SLEEVE 4" BELOW FINISH GRADE
2. INSIDE DIAMETER OF SLEEVE SHALL NOT BE MORE THAN 1/2" LARGER THAN OUTSIDE DIAMETER OF POST

14 PLAYERS BENCH FOOTING
SCALE: 1/2" = 1'-0"

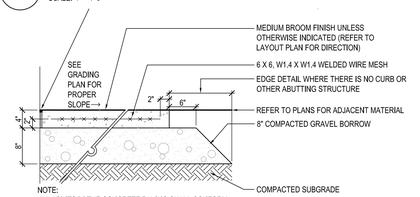


1 VEHICULAR ASPHALT PAVING
SCALE: 1" = 1'-0"



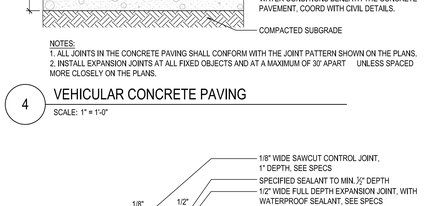
	A	B	C
WALKS	8"	2"	1"
DRIVE	REFER TO CIVIL DETAIL		

2 ASPHALT WALKWAY PAVING
SCALE: 1" = 1'-0"



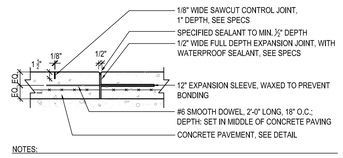
NOTE:
ALL JOINTS IN THE CONCRETE PAVING SHALL CONFORM WITH THE JOINT PATTERN SHOWN ON THE PLANS.

3 CONCRETE WALKWAY PAVING
SCALE: 1" = 1'-0"



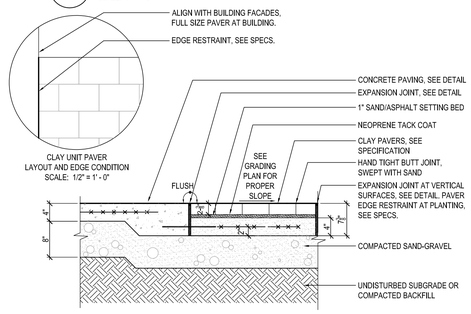
NOTES:
1. ALL JOINTS IN THE CONCRETE PAVING SHALL CONFORM WITH THE JOINT PATTERN SHOWN ON THE PLANS.
2. INSTALL EXPANSION JOINTS AT ALL FIXED OBJECTS AND AT A MAXIMUM OF 30' APART UNLESS SPACED MORE CLOSELY ON THE PLANS.

4 VEHICULAR CONCRETE PAVING
SCALE: 1" = 1'-0"



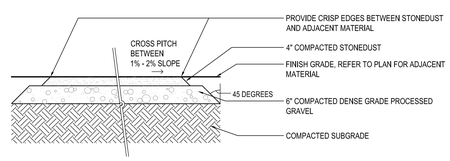
NOTES:
1. DOWEL IS TYPICAL AT ALL EXPANSION JOINTS WITHIN CONCRETE PAVING AND BETWEEN CONCRETE PAVING AND CONCRETE STAIRS.
2. DELETE EXPANSION SLEEVE AND DOWEL WHERE JOINT ABUTS RETAINING WALL, CURBS, OR OTHER VERTICAL SURFACES.
3. INSTALL JOINTS AS SHOWN ON PLAN.

5 EXPANSION AND CONTROL JOINTS
SCALE: 1" = 1'-0"



CLAY UNIT PAVER LAYOUT AND EDGE CONDITION
SCALE: 1/2" = 1' - 0"

6 CLAY UNIT PAVERS
SCALE: 1" = 1'-0"



7 STABILIZED STONEDUST
SCALE: 1" = 1'-0"

PERKINS + WILL
225 FRANKLIN ST., SUITE 1100
BOSTON, MA 02110
t 617.478.0300
f 617.478.0321
www.perkinswill.com

WARNER LARSON
LANDSCAPE ARCHITECTS
150 WEST BROADWAY, BOSTON MA 02127
T 617.464.1440 F 617.464.1442
www.warnerlarson.com

NOTE: DOCUMENTS ARE NOT FOR CONSTRUCTION



PROJECT

BELMONT HIGH SCHOOL
221 CONCORD AVE.
BELMONT, MA 02478

CLIENT LOGO IF AVAILABLE

TOWN OF BELMONT

KEYPLAN

REVISIONS

MARK	ISSUE	DATE

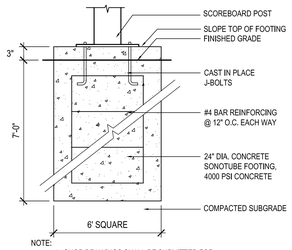
PLANNING BD SET 06.21.2019

JOB NUMBER	153003.001
DRAWN	AML
CHECKED	TJ

TITLE

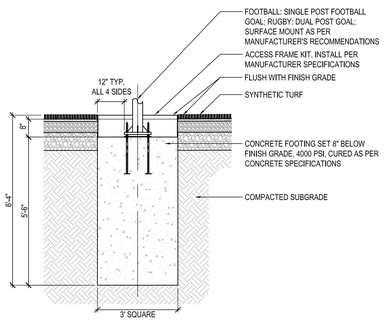
LANDSCAPE DETAILS

L601

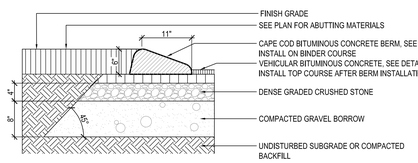


NOTE:
1. SHOP DRAWINGS SHALL BE SUBMITTED FOR REVIEW BY STRUCTURAL ENGINEER.
2. COORD. WITH ELECTRICAL ENGINEER FOR FOOTING SIZE AND DEPTH
3. FOOTING SIZE AND REINFORCEMENT TO BE PER ENGINEERED SHOP DRAWINGS.

17 MULTI-SPORT SCOREBOARD FOOTING
SCALE: 1" = 1'-0"

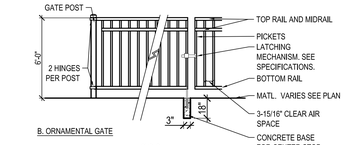


18 FOOTBALL & RUGBY GOAL POST FOOTING
SCALE: 1/2" = 1'-0"

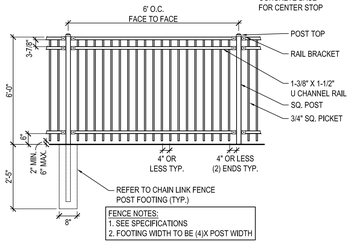


19 CAPE COD ASPHALT BERM
SCALE: 1" = 1'-0"

GATE NOTES:
1. SEE DETAIL FOR GATE POST FOOTING
2. REFER TO SPECIFICATIONS FOR MATERIAL AND DIMENSIONAL REQUIREMENTS.
3. FIELD MEASURE CONSTRUCTED BRICK PIERS PRIOR TO FABRICATION
4. AT PIERS, OMIT GATE POSTS, AND USE 4 DIRECT ATTACH GATE HINGES



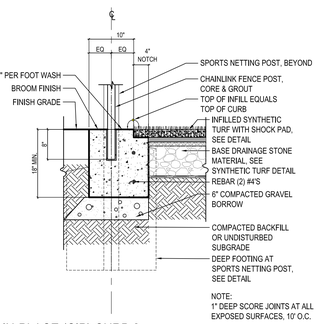
B. ORNAMENTAL GATE



FENCE NOTES:
1. SEE SPECIFICATIONS
2. FOOTING WIDTH TO BE (4)X POST WIDTH

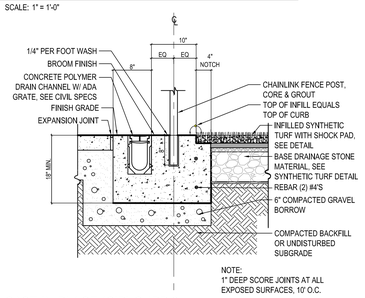
A. ORNAMENTAL FENCE

20 ORNAMENTAL FENCE
SCALE: 1/2" = 1'-0"



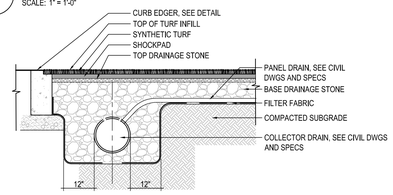
NOTE:
1" DEEP SCORE JOINTS AT ALL EXPOSED SURFACES, 10' O.C.

12 CAST-IN-PLACE (CIP) CURB 2
SCALE: 1" = 1'-0"

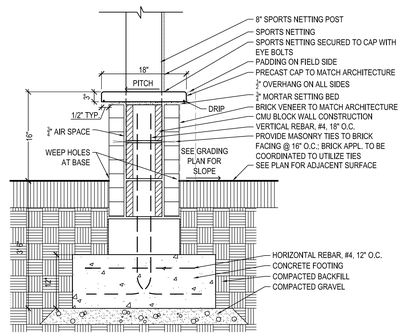


NOTE:
1" DEEP SCORE JOINTS AT ALL EXPOSED SURFACES, 10' O.C.

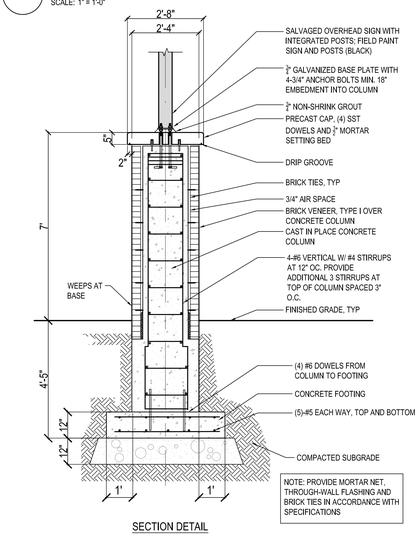
13 CAST-IN-PLACE (CIP) CURB 3
SCALE: 1" = 1'-0"



14 SYNTHETIC TURF COLLECTOR DRAIN
SCALE: 1/2" = 1'-0"



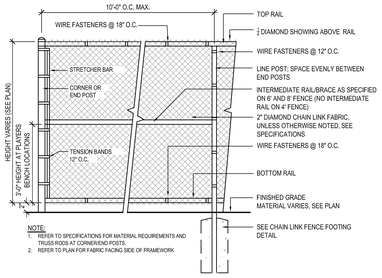
15 FREESTANDING MASONRY WALL
SCALE: 1" = 1'-0"



NOTE: PROVIDE MORTAR NET, THROUGH-WALL FLASHING AND BRICK TIES IN ACCORDANCE WITH SPECIFICATIONS

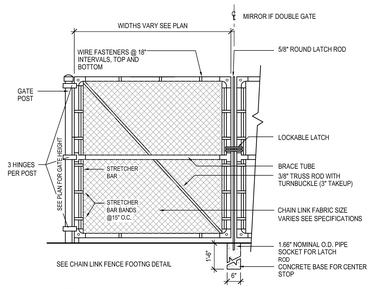
SECTION DETAIL

16 MASONRY VENEER PIERS
SCALE: 1/2" = 1'-0"



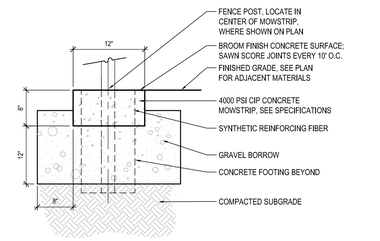
NOTE:
1. REFER TO SPECIFICATIONS FOR MATERIAL REQUIREMENTS AND TRUSS RODS AT CORNER/END POSTS.
2. REFER TO PLAN FOR FABRIC FACING SIDE OF FRAMEWORK

7 CHAIN LINK FENCE
SCALE: 1/2" = 1'-0"

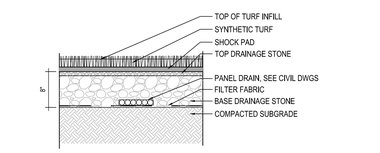


NOTES:
1. GATE WIDTHS AS NOTED ON PLAN
2. GATE POSTS SHALL BE 4" NOM. O.D.
3. GATE FRAMES AND BRACES SHALL BE 1.90" NOM. O.D.
4. REFER TO SPECIFICATIONS FOR MATERIAL REQUIREMENTS

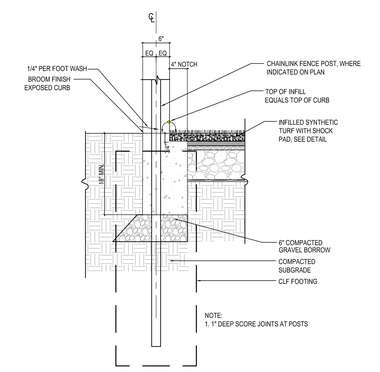
8 CHAIN LINK GATE
SCALE: 1/2" = 1'-0"



9 CONCRETE MOW STRIP AT FENCE POST
SCALE: 1" = 1'-0"



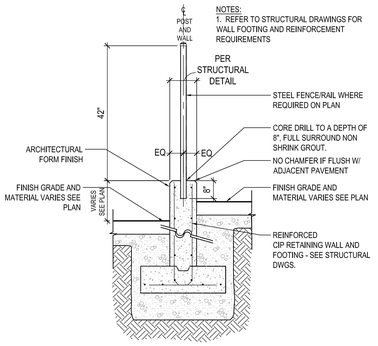
10 SYNTHETIC TURF
SCALE: 1" = 1'-0"



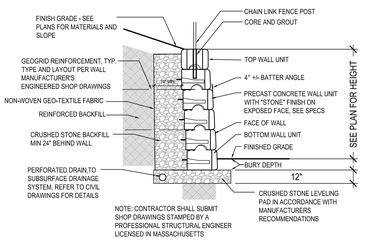
NOTE:
1. 1" DEEP SCORE JOINTS AT POSTS

11 CAST-IN-PLACE (CIP) CURB 1
SCALE: 1" = 1'-0"

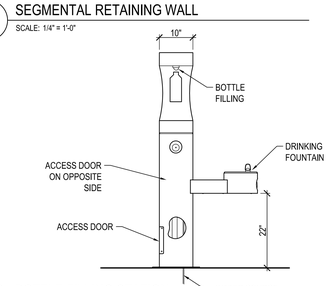
NOTES:
1. REFER TO STRUCTURAL DRAWINGS FOR WALL FOOTING AND REINFORCEMENT REQUIREMENTS



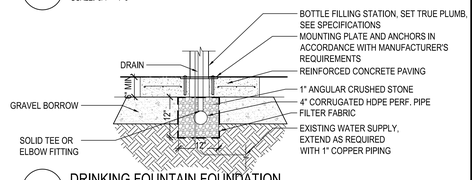
1 CAST-IN-PLACE CONCRETE RETAINING WALL
SCALE: 1/2" = 1'-0"



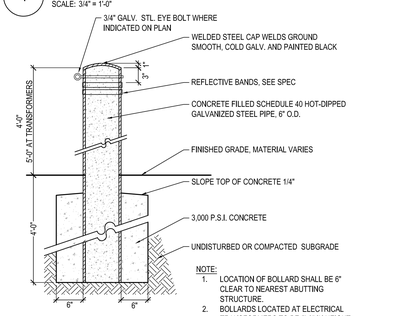
2 SEGMENTAL RETAINING WALL
SCALE: 1/4" = 1'-0"



3 BOTTLE FILLING STATION
SCALE: 3/4" = 1'-0"

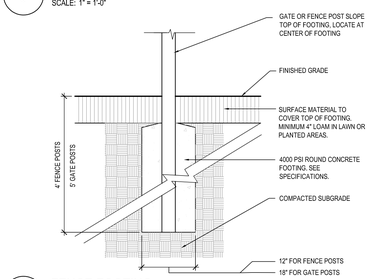


4 DRINKING FOUNTAIN FOUNDATION
SCALE: 3/4" = 1'-0"



NOTE:
1. LOCATION OF BOLLARD SHALL BE 6" CLEAR TO NEAREST ABUTTING STRUCTURE.
2. BOLLARDS LOCATED AT ELECTRICAL TRANSFORMERS TO BE 5'-0" IN HEIGHT

5 CONCRETE FILLED STEEL BOLLARD
SCALE: 1" = 1'-0"



6 FENCE FOOTING
SCALE: 1" = 1'-0"

PERKINS + WILL
225 FRANKLIN ST., SUITE 1100
BOSTON, MA 02110
t 617.478.0300
f 617.478.0321
www.perkinswill.com

WARNER LARSON
LANDSCAPE ARCHITECTS
150 WEST BROADWAY, BOSTON MA 02127
T 617.464.1440 F 617.464.1442
www.warnerlarson.com

NOTE: DOCUMENTS ARE NOT FOR CONSTRUCTION



PROJECT

BELMONT HIGH SCHOOL
221 CONCORD AVE.
BELMONT, MA 02478

CLIENT LOGO IF AVAILABLE

TOWN OF BELMONT

KEYPLAN

REVISIONS

MARK	ISSUE	DATE

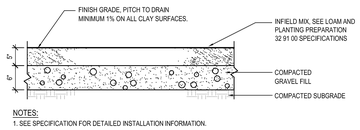
PLANNING BD SET
06.21.2019

JOB NUMBER	153003.001
DRAWN	AML
CHECKED	TJ

TITLE

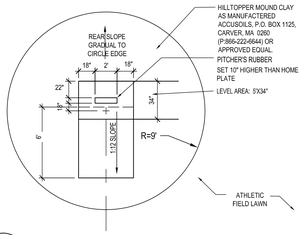
LANDSCAPE DETAILS

L602

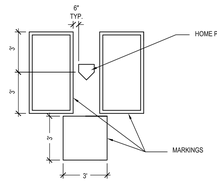


NOTES:
1. SEE SPECIFICATION FOR DETAILED INSTALLATION INFORMATION.

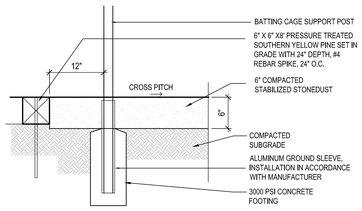
10 INFIELD MIX
SCALE: 1" = 1'-0"



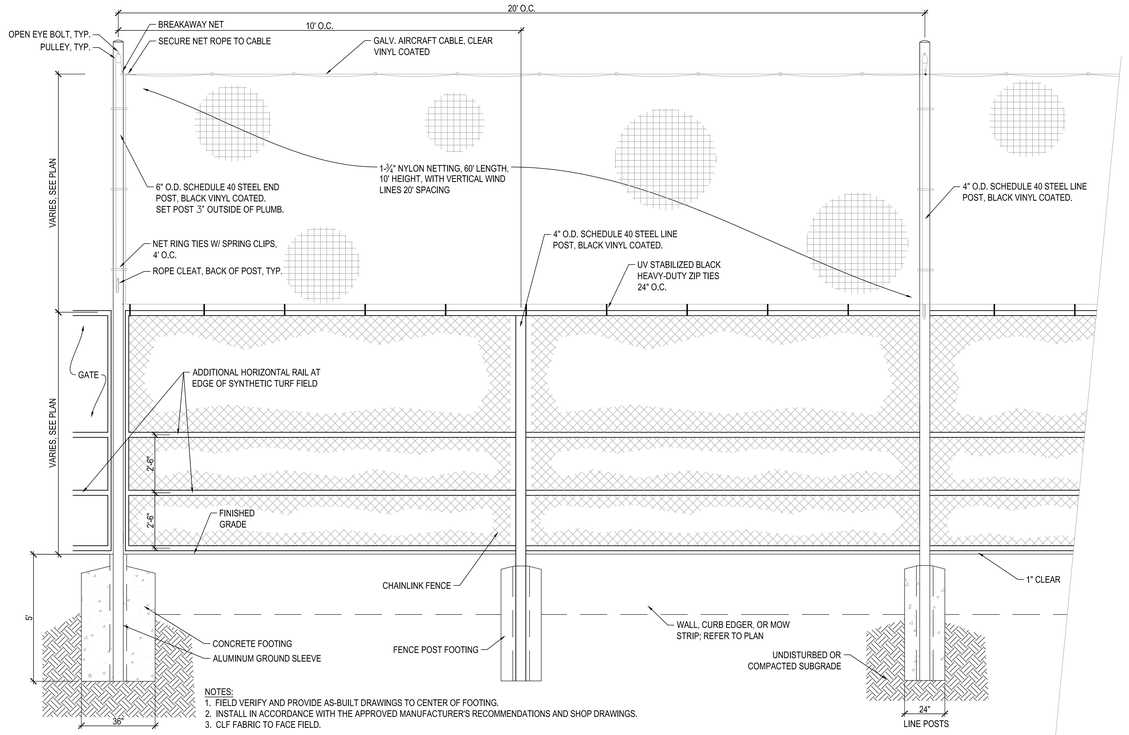
11 PITCHER'S MOUND
SCALE: 1/4" = 1'-0"



12 BATTER'S BOX
SCALE: 1/4" = 1'-0"

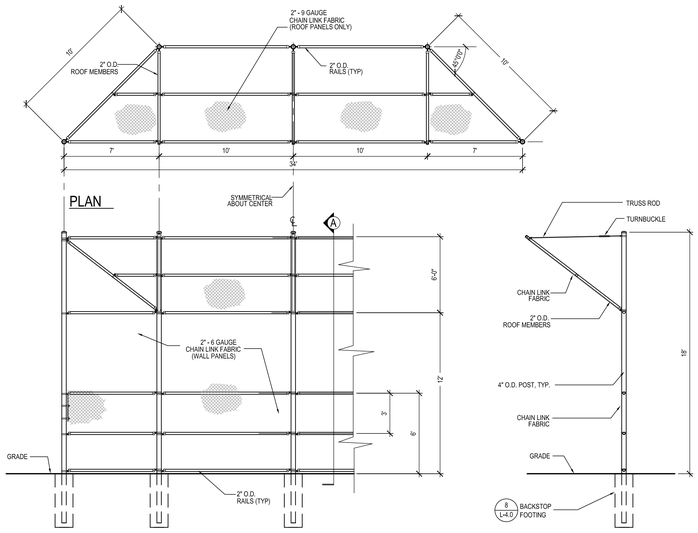


13 BATTING CAGE FOOTING AND SURFACING
SCALE: 1" = 1'-0"



NOTES:
1. FIELD VERIFY AND PROVIDE AS-BUILT DRAWINGS TO CENTER OF FOOTING.
2. INSTALL IN ACCORDANCE WITH THE APPROVED MANUFACTURER'S RECOMMENDATIONS AND SHOP DRAWINGS.
3. CLF FABRIC TO FACE FIELD.

4 NET AND FENCE
SCALE: 3/4" = 1'-0"

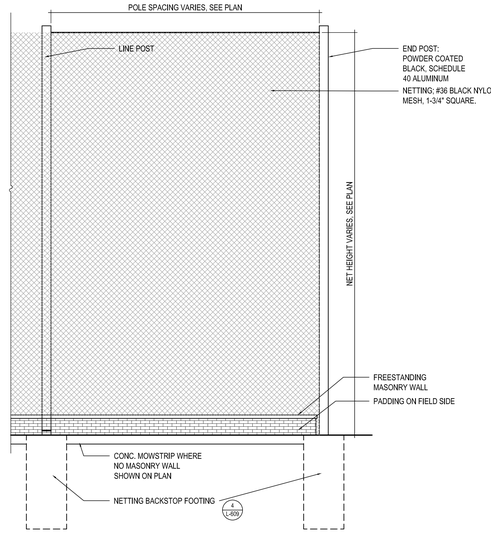


ELEVATION (TYP. BOTH SIDES)

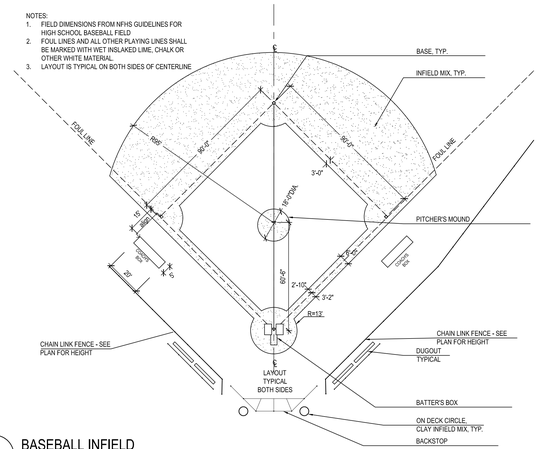
SECTION A

NOTE:
1. ALL POSTS, RAILS, FABRIC & HARDWARE TO BE THERMALLY FUSED BLACK VINYL COATED.
2. REFER TO CHAIN LINK SPECIFICATION FOR MATERIAL REQUIREMENTS.

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

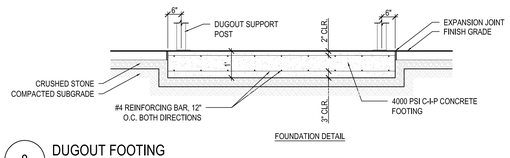


2 SPORTS NETTING BACKSTOP ELEVATION
SCALE: 1/4" = 1'-0"

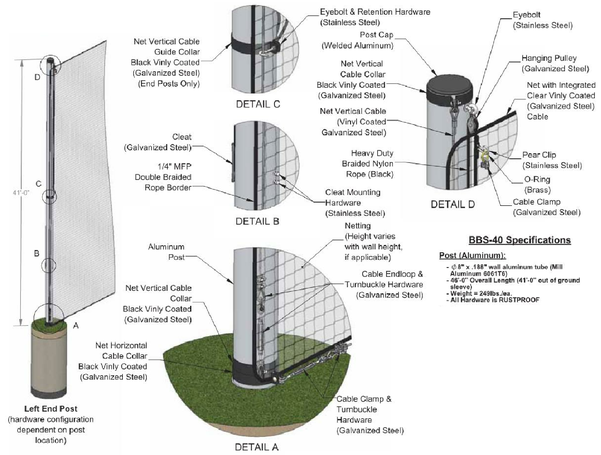


NOTE: AT SOFTBALL BULLPEN ONLY: DELETE CURB AND SLOPE; USE INFIELD MIX ONLY, NO MOUND CLAY

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



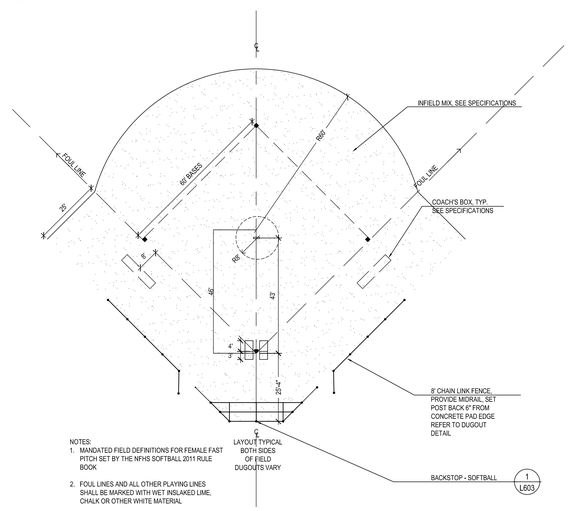
8 DUGOUT FOOTING
SCALE: 1/4" = 1'-0"



BBS-40 Specifications

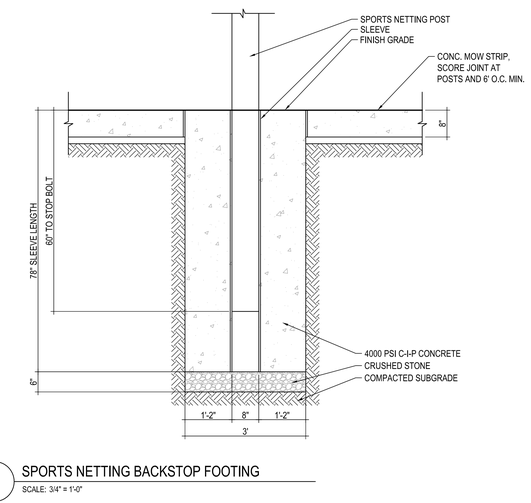
Post (Aluminum):
- **Ø 8" x .188" wall aluminum tube (Mill Aluminum 6061T6)**
- **66'-6" Overall Length (41'-0" out of ground sleeve)**
- **Weight = 240lbs./ea.**
- **All Hardware is RUSTPROOF**

5 NETTING BACKSTOP CONNECTION DETAILS
SCALE: 1" = 1'-0"



NOTES:
1. MANDATED FIELD DEFINITIONS FOR FEMALE FAST PITCH SET BY THE NFHS SOFTBALL 2011 RULE BOOK.
2. FOUL LINES AND ALL OTHER PLAYING LINES SHALL BE MARKED WITH WET INSLAKED LIME, CHALK OR OTHER WHITE MATERIAL

6 SOFTBALL INFIELD
SCALE: 13/256" = 1'-0"



3 SPORTS NETTING BACKSTOP FOOTING
SCALE: 3/4" = 1'-0"

PERKINS + WILL
225 FRANKLIN ST., SUITE 1100
BOSTON, MA 02110
t 617.478.0300
f 617.478.0321
www.perkinswill.com

WARNER LARSON
LANDSCAPE ARCHITECTS
150 WEST BROADWAY, BOSTON MA 02127
T 617.464.1440 F 617.464.1442
www.warnerlarson.com

NOTE: DOCUMENTS ARE NOT FOR CONSTRUCTION

PROJECT

BELMONT HIGH SCHOOL
221 CONCORD AVE.
BELMONT, MA 02478

CLIENT LOGO IF AVAILABLE

TOWN OF BELMONT

KEYPLAN

REVISIONS

MARK	ISSUE	DATE

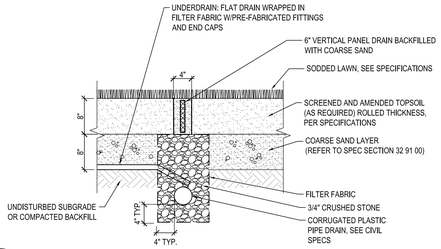
PLANNING BD SET 06.21.2019

JOB NUMBER	153003.001
DRAWN	AML
CHECKED	TJ

TITLE

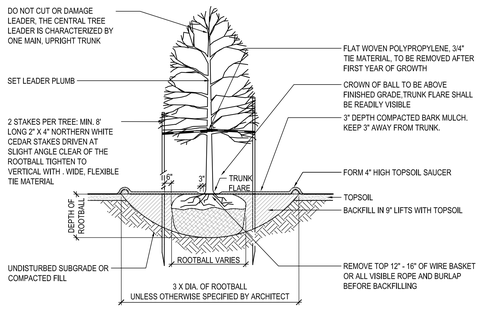
LANDSCAPE DETAILS

L603



9 SPORTS FIELD COLLECTION DRAIN

SCALE: 1" = 1'-0"

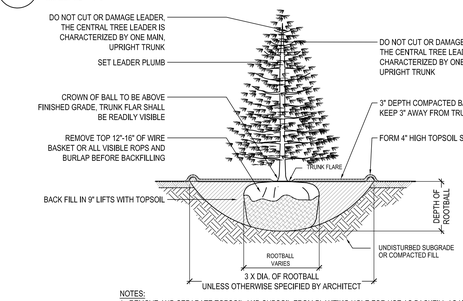


NOTES:

1. TREE SHALL BE MARKED ON ITS NORTH FACING SIDE AT NURSERY. TREE SHALL BE PLANTED WITH ORIGINAL NORTH FACING SIDE FACING NORTH ON SITE.
2. SEE SPECIFICATIONS FOR PLANTING, TOPSOIL AND MULCH REQUIREMENTS.
3. IF ROOTBALL IS PACKAGED IN "PLASTIC BURLAP" OR TREATED BURLAP, REMOVE BURLAP COMPLETELY.
4. DO NOT DAMAGE MAIN ROOTS OR ROOT BALL WHEN INSTALLING TREE STAKE.
5. ALL STAKES, GUYWIRES, AND TIES TO BE REMOVED AFTER THE FIRST YEAR OF GROWTH, UNLESS OTHERWISE SPECIFIED BY THE ARCHITECT.
6. WATER THOROUGHLY AFTER INSTALLATION AT RATE OF 3-5 GALLONS/INCH CALIPER.
7. PROVIDE SLOW RELEASE WATERING BAG AS PER SPECIFICATIONS
8. PROVIDE A MINIMUM OF 4 STAKES PER TREE

10 DECIDUOUS TREE PLANTING

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

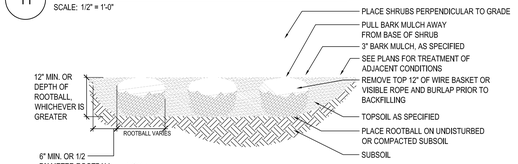


NOTES:

1. REMOVE AND SEPARATE TOPSOIL AND SUBSOIL FROM PLANTING HOLE FOR USE AS BACKFILL AS NOTED ABOVE.
2. IF ROOTBALL IS PACKAGED IN "PLASTIC BURLAP" OR TREATED BURLAP, REMOVE BURLAP COMPLETELY.
3. WATER THOROUGHLY AFTER INSTALLATION AT RATE OF 3-5 GALLONS/INCH CALIPER.

11 EVERGREEN TREE PLANTING

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

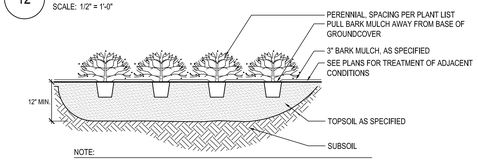


NOTE:

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

12 SHRUB PLANTING

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

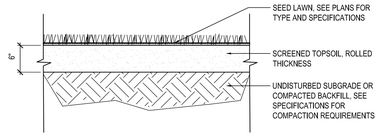


NOTE:

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

13 PERENNIALS AND GRASSES AND GROUNDCOVER PLANTING

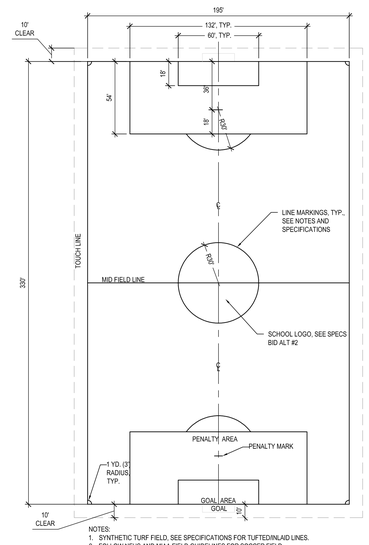
SCALE: 1/2" = 1'-0"



NOTE:
IF SEEDING OPERATIONS ARE COMPLETED TOO LATE IN THE FALL FOR ADEQUATE GERMINATION AND GROWTH OF GRASS, THEN MAINTENANCE SHALL CONTINUE INTO THE FOLLOWING SPRING, OR UNTIL FINAL ACCEPTANCE, AT NO COST TO THE OWNER.

14 SOD

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

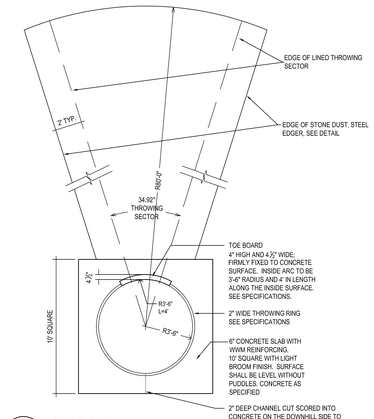


NOTES:

1. SYNTHETIC TURF FIELD, SEE SPECIFICATIONS FOR TUFTED/INLAID LINES.
2. FOLLOW NFHS AND MIAA FIELD GUIDELINES FOR SOCCER FIELD

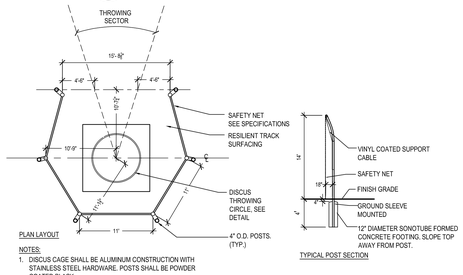
5 SOCCER FIELD

SCALE: 3/128" = 1'-0"



6 SHOT PUT

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

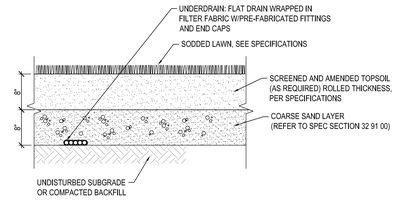


NOTES:

1. DISCUS CAGE SHALL BE ALUMINUM CONSTRUCTION WITH STAINLESS STEEL HARDWARE. POSTS SHALL BE POWDER COATED BLACK.

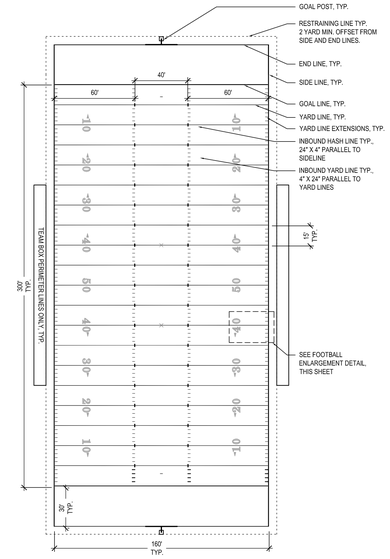
7 DISCUS ENCLOSURE

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



8 SPORTS FIELD SOIL CROSS SECTION

SCALE: 1" = 1'-0"

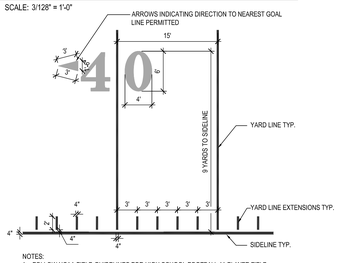


NOTES:

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. AT SYNTHETIC TURF FIELD, SEE SPECIFICATIONS FOR TUFTED/INLAID LINES.
4. FOLLOW NCAA FIELD GUIDELINES FOR HIGH SCHOOL FOOTBALL 11-PLAYER FIELD
5. SEE SPECIFICATIONS

1 FOOTBALL FIELD

SCALE: 3/128" = 1'-0"

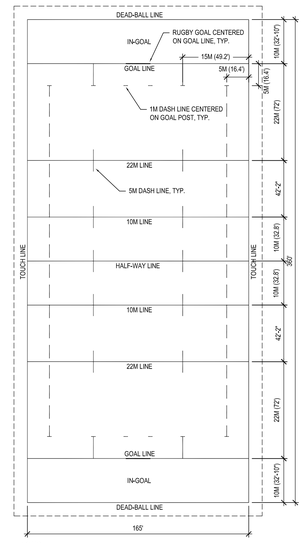


NOTES:

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

2 FOOTBALL ENLARGEMENT

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

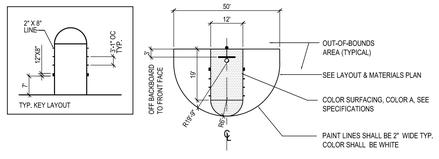


NOTES:

1. THE LINES REPRESENTING THE GOAL LINES, TOUCH LINES AND DEAD-BALL LINES ARE OUTSIDE THE DIMENSIONS SHOWN.
2. THE INTERIOR LINES ARE MARKED WITH THE MEASURED DISTANCE IN THE MIDDLE OF THE LINE.
3. AT SYNTHETIC TURF FIELD, SEE SPECIFICATIONS FOR TUFTED/INLAID LINES.

3 RUGBY FIELD

SCALE: 3/128" = 1'-0"



4 BASKETBALL HALF COURT

SCALE: 1"=20'

PERKINS + WILL
225 FRANKLIN ST., SUITE 1100
BOSTON, MA 02110
t 617.478.0300
f 617.478.0321
www.perkinswill.com

WARNER LARSON
LANDSCAPE ARCHITECTS
130 WEST BROADWAY, BOSTON MA 02127
T 617.464.1440 F 617.464.1442
www.warnerlarson.com

NOTE: DOCUMENTS ARE NOT FOR CONSTRUCTION

MASSACHUSETTS DAVID J. WARNER REGISTERED LANDSCAPE ARCHITECT NO. 3125

PROJECT

BELMONT HIGH SCHOOL
221 CONCORD AVE.
BELMONT, MA 02478

CLIENT LOGO IF AVAILABLE

TOWN OF BELMONT

KEYPLAN

REVISIONS

MARK	ISSUE	DATE

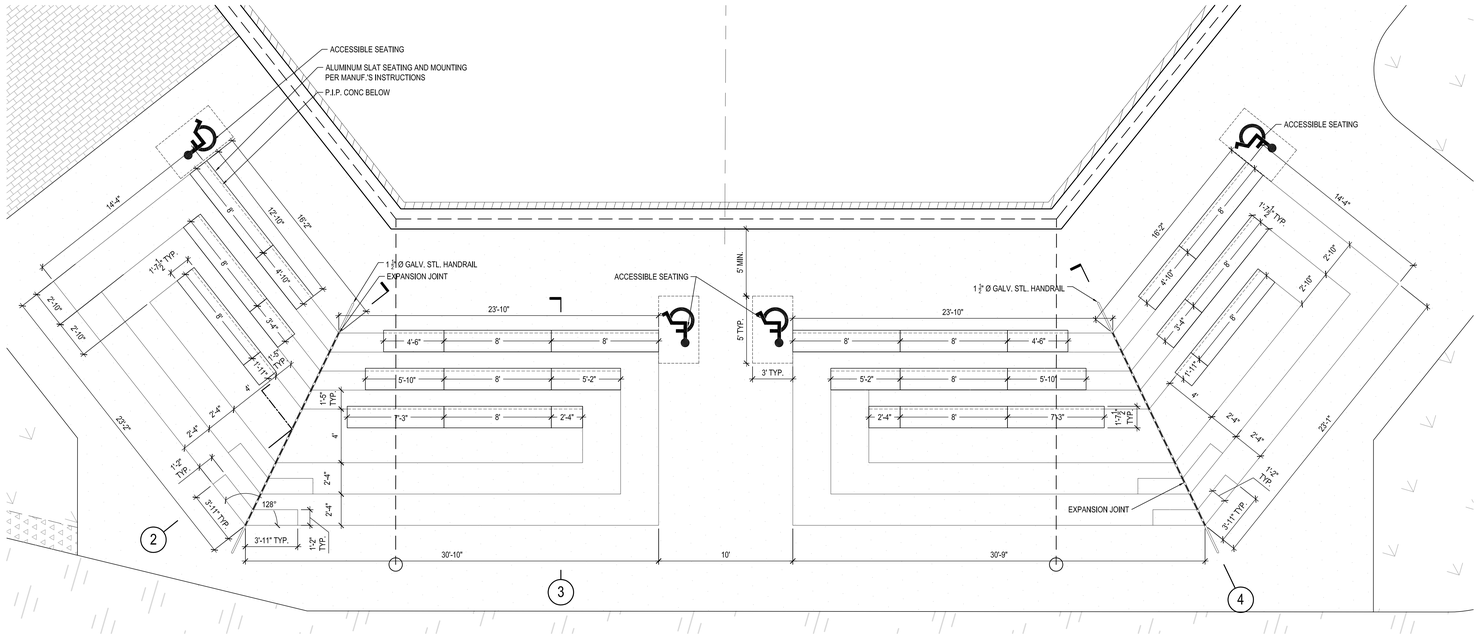
PLANNING BD SET 06.21.2019

JOB NUMBER	153003.001
DRAWN	AML
CHECKED	TJ

TITLE

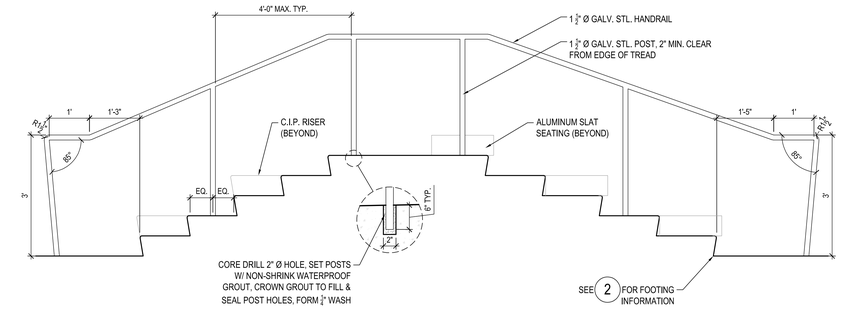
LANDSCAPE DETAILS

L604



1 BASEBALL SEATING ENLARGEMENT PLAN

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



4 BASEBALL SEATING SECTION @ HANDRAIL

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

2 BASEBALL SEATING SECTION @ STAIRS

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

5 ALUMINUM SLAT SEATING ENLARGEMENT

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

3 BASEBALL SEATING SECTION @ AMPHITHEATER SEATS

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

PERKINS + WILL
225 FRANKLIN ST., SUITE 1100
BOSTON, MA 02110
t 617.478.0300
f 617.478.0321
www.perkinswill.com

WARNER LARSON
LANDSCAPE ARCHITECTS
150 WEST BROADWAY, BOSTON MA 02127
T 617.464.1440 F 617.464.1442
www.warnerlarson.com

NOTE: DOCUMENTS ARE NOT FOR CONSTRUCTION

MASSACHUSETTS DAVID J. WARNER NO. 4009 REGISTERED LANDSCAPE ARCHITECT

PROJECT

BELMONT HIGH SCHOOL
221 CONCORD AVE.
BELMONT, MA 02478

CLIENT LOGO IF AVAILABLE

TOWN OF BELMONT

KEYPLAN

REVISIONS

MARK	ISSUE	DATE

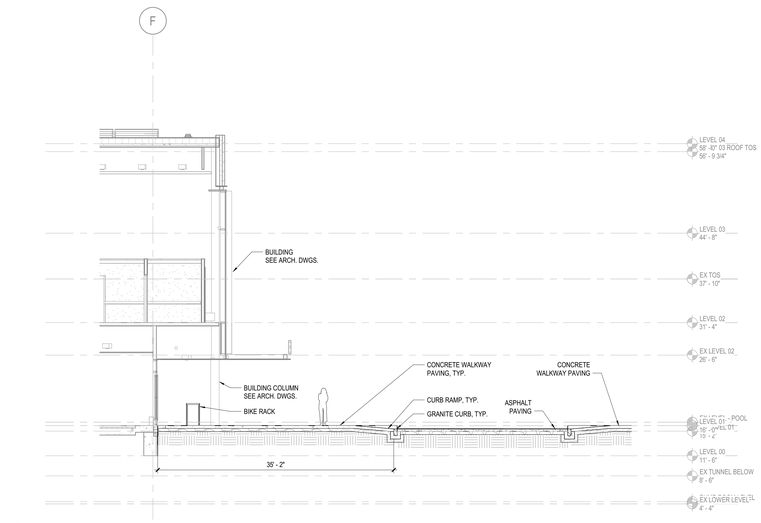
PLANNING BD SET
06.21.2019

JOB NUMBER	153003.001
DRAWN	AML
CHECKED	TJ

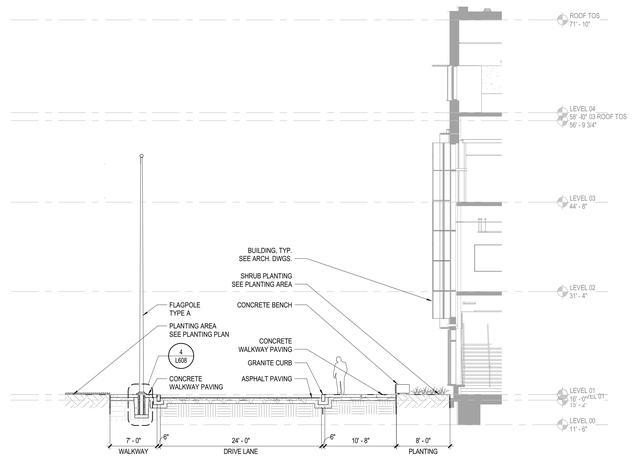
TITLE

LANDSCAPE DETAILS

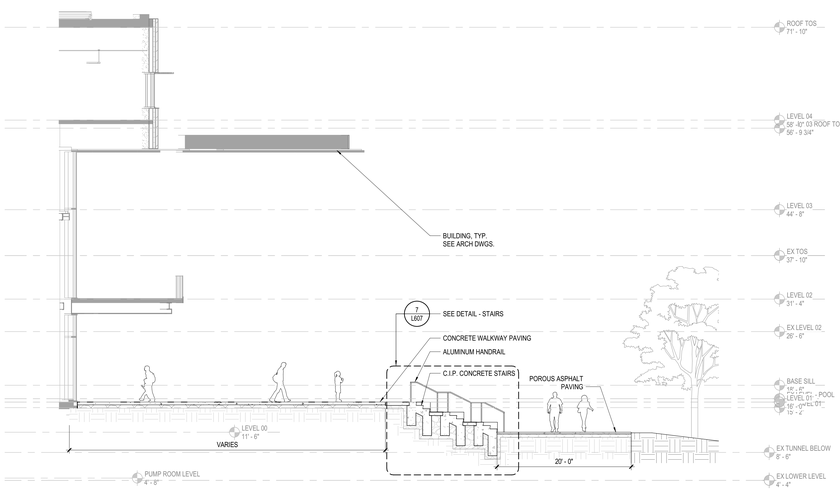
L605



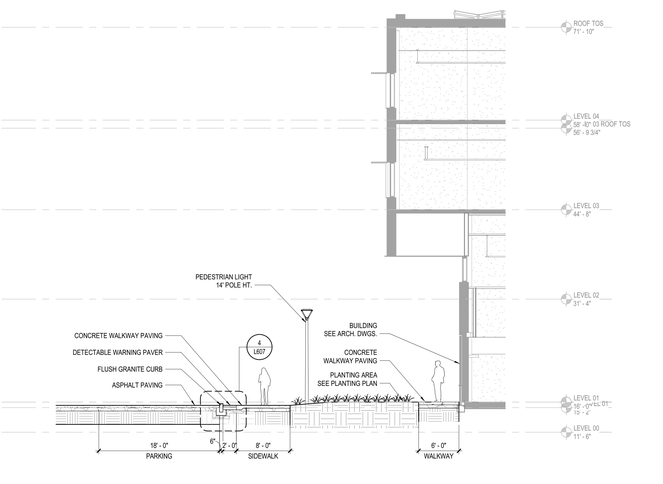
7 SECTION - LOWER SCHOOL DROP-OFF
1/8" = 1'-0"



6 SECTION - UPPER SCHOOL FLAG POLE
1/8" = 1'-0"



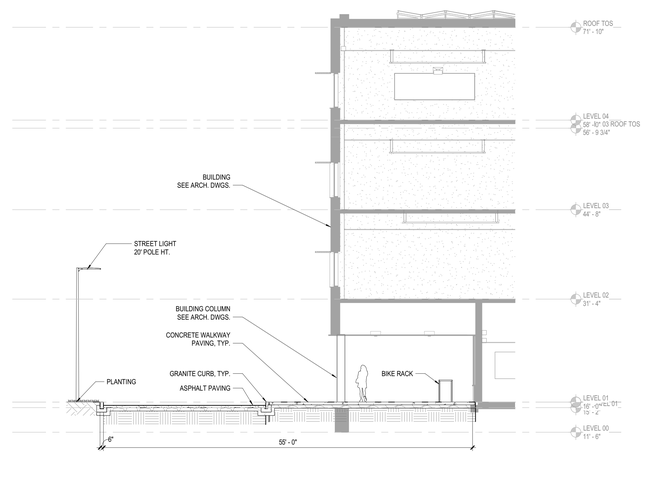
5 SECTION - TERRACE
1/8" = 1'-0"



4 SECTION - OUTDOOR CLASSROOM
1/8" = 1'-0"

3 SECTION - TERRACE STAIRS
1/8" = 1'-0"

2 SECTION - PARKING
1/8" = 1'-0"



1 SECTION - UPPER SCHOOL DROP-OFF
1/8" = 1'-0"

NOT FOR CONSTRUCTION

PERKINS
+WILL

225 Franklin Street, Suite 1100
Boston, MA 02110
t 617.478.0300
www.perkinswill.com

MASSACHUSETTS
REGISTERED LANDSCAPE ARCHITECT
No. 1114

PROJECT

BELMONT HIGH SCHOOL
221 CONCORD AVE.
BELMONT, MA 02478

CLIENT LOGO IF AVAILABLE

TOWN OF BELMONT

KEYPLAN

REVISIONS

MARK	ISSUE	DATE

PLANNING BD SET
06.21.2019

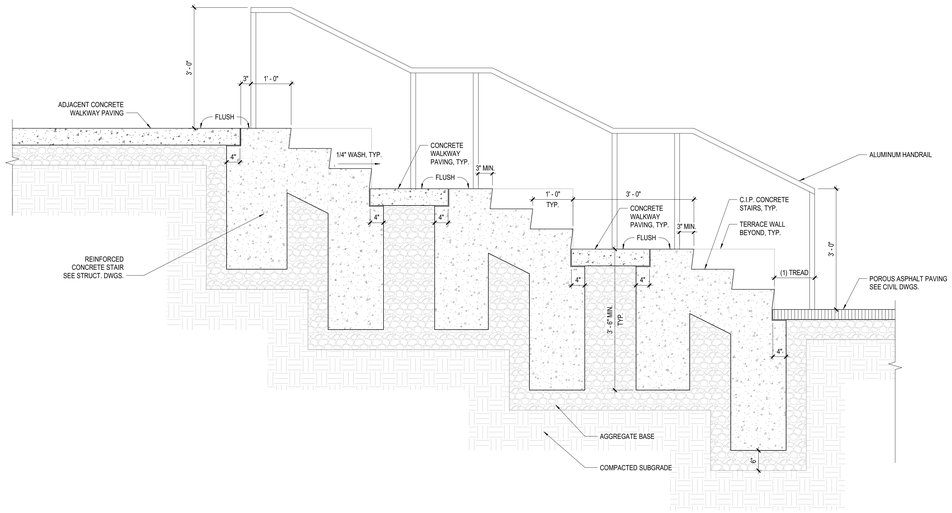
JOB NUMBER	153003.001
DRAWN	MP
CHECKED	VZ

TITLE

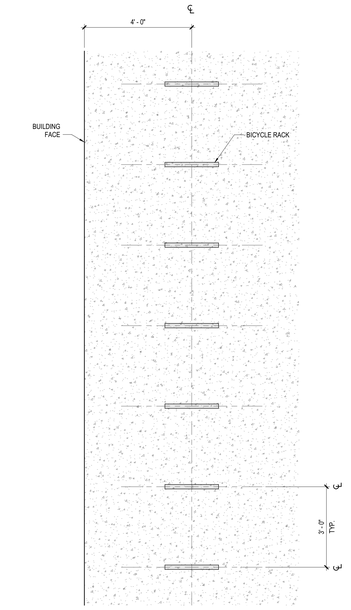
SITE SECTIONS

L606

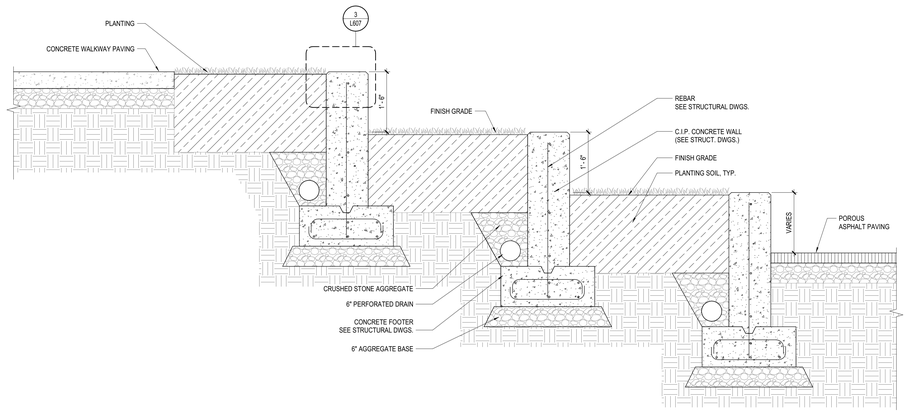
6/20/2019 5:52:46 PM C:\Temp\Belmont HS v2019 - Site Design_maria.picano@perkinswill.com.rvt



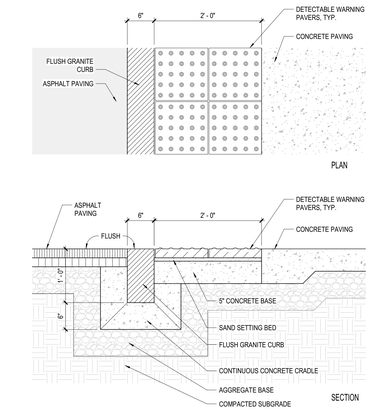
7 DETAIL - STAIRS
3/4" = 1'-0"



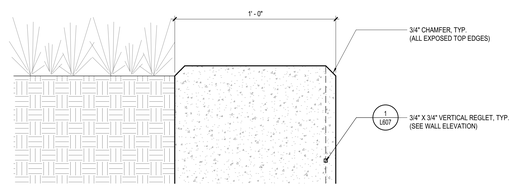
6 DETAIL - BICYCLE RACK LAYOUT
1/2" = 1'-0"



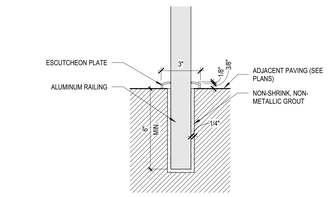
5 DETAIL - SEATING TERRACE
3/4" = 1'-0"



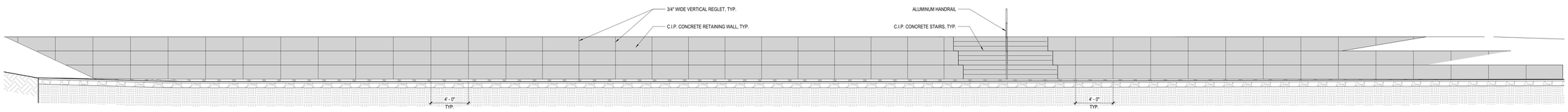
4 DETAIL - TRUNCATED DOME ADA PAVER @ FLUSH CURB
1" = 1'-0"



3 DETAIL - VERTICAL REGLET
3" = 1'-0"



2 DETAIL - HANDRAIL MOUNTING AT STAIR, TYP.
3" = 1'-0"



1 ELEVATION - SEATING TERRACE
1/4" = 1'-0"

NOT FOR CONSTRUCTION

PERKINS +WILL
225 Franklin Street, Suite 1100
Boston, MA 02110
t 617.478.0300
www.perkinswill.com

PROJECT

BELMONT HIGH SCHOOL
221 CONCORD AVE.
BELMONT, MA 02478

CLIENT LOGO IF AVAILABLE

TOWN OF BELMONT

KEYPLAN



REVISIONS

MARK	ISSUE	DATE

PLANNING BD SET 06.21.2019

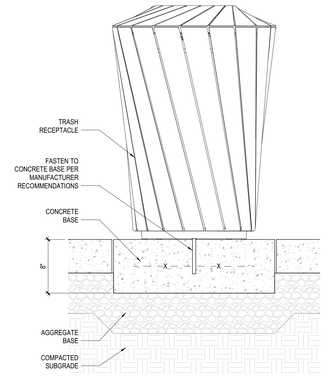
JOB NUMBER	153003.001
DRAWN	MP
CHECKED	VZ

TITLE

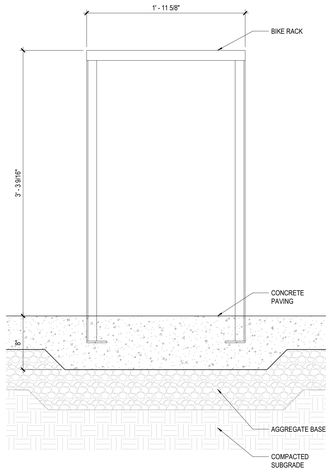
SITE DETAILS

L607

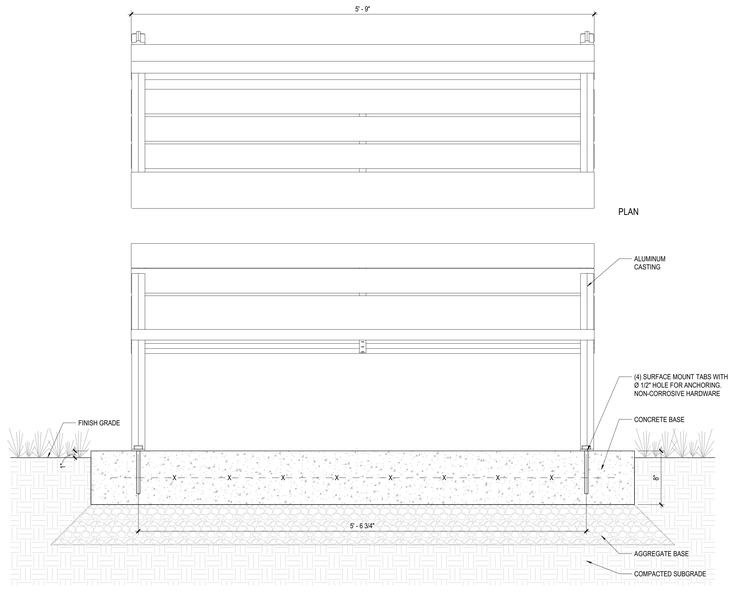
6/20/2019 5:52:49 PM C:\Temp\Belmont HS v2019 - Site Design_maria.pisano@perkinswill.com.rvt



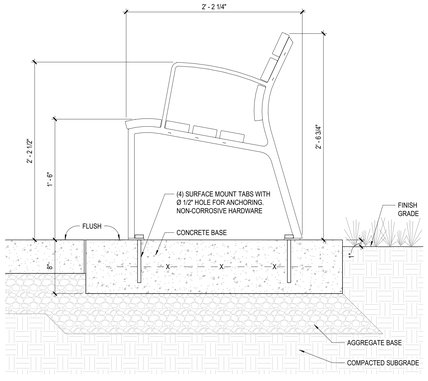
7 DETAIL - TRASH RECEPTACLE @ CONCRETE
1 1/2" = 1'-0"

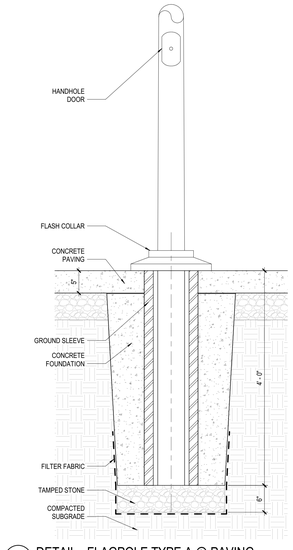


6 DETAIL - BICYCLE RACK
1 1/2" = 1'-0"

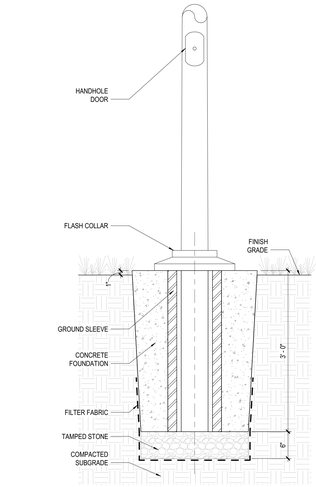


5 DETAIL - ALUMINUM BENCH
1 1/2" = 1'-0"

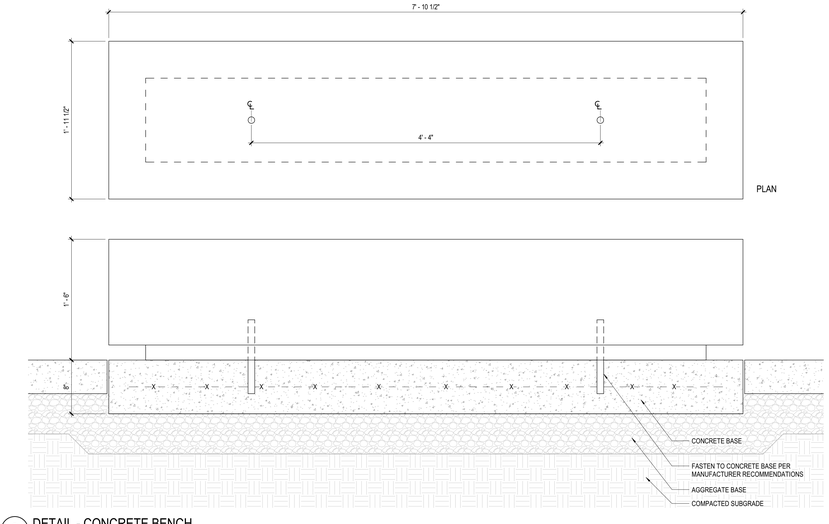




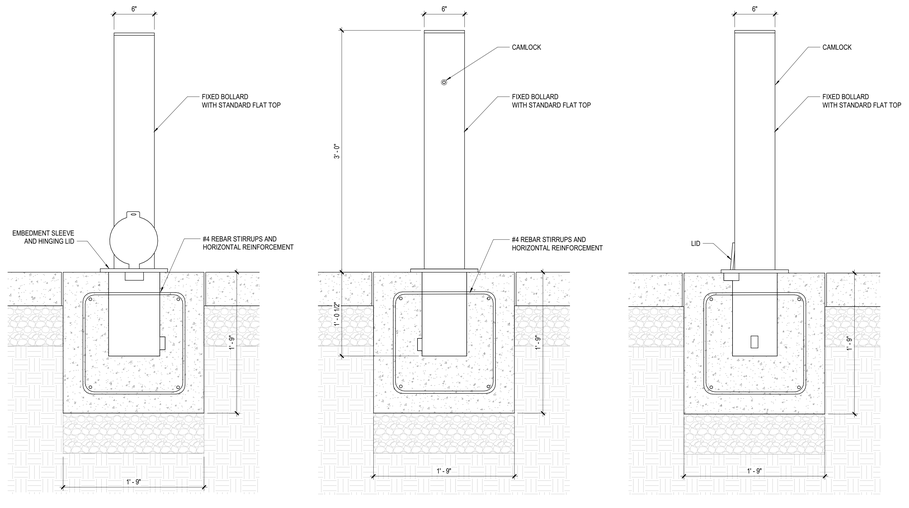
4 DETAIL - FLAGPOLE TYPE A @ PAVING
1" = 1'-0"



3 DETAIL - FLAGPOLE TYPE B @ PLANTING
1" = 1'-0"



2 DETAIL - CONCRETE BENCH
1 1/2" = 1'-0"



1 DETAIL - REMOVABLE BOLLARD
1 1/2" = 1'-0"

NOT FOR CONSTRUCTION

PERKINS
+WILL

225 Franklin Street, Suite 1100
Boston, MA 02110
t 617.478.0300
www.perkinswill.com

PROJECT

BELMONT HIGH SCHOOL
221 CONCORD AVE.
BELMONT, MA 02478

CLIENT LOGO IF AVAILABLE

TOWN OF BELMONT

KEYPLAN

REVISIONS

MARK	ISSUE	DATE

PLANNING BD SET 06.21.2019

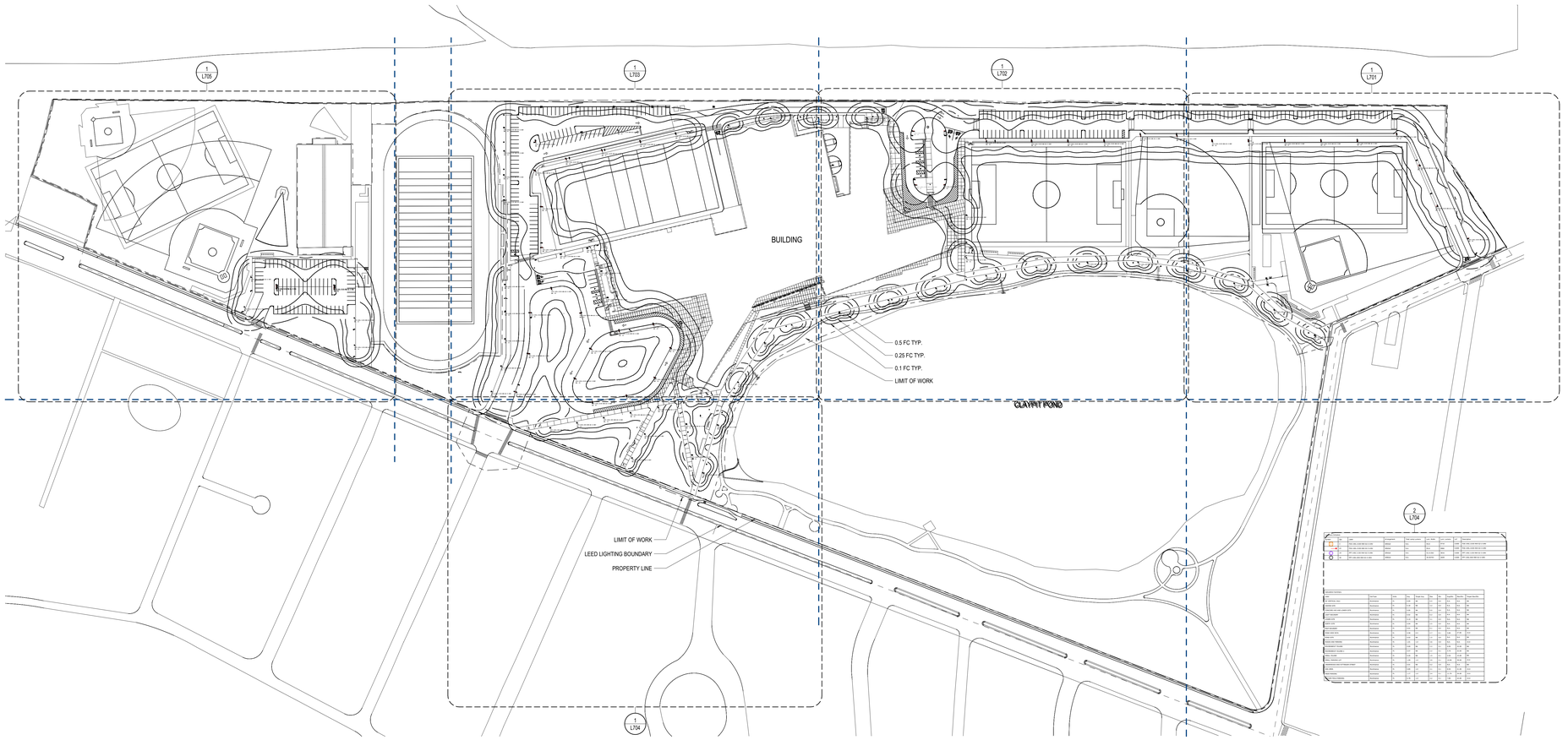
JOB NUMBER	153003.001
DRAWN	Author
CHECKED	Checker

TITLE

SITE DETAILS

L608

6/20/2019 5:52:51 PM C:\Temp\Belmont HS v2019 - Site Design_maria.pizano@perkinswill.com.rvt



Symbol	Qty	Label	Arrangement	Total Lamp Lumens	LLF	Luminaire Watts	Total Watts	Description
	14	CWA-1-40K-T4M-MVOLT-GZ1-HA	SINGLE	N/A	0.900	40 watt	560 W	CWA-1-40K-T4M-MVOLT-GZ1-HA
	4	CWA-1-40K-T4M-MVOLT-GZ1-HA	SINGLE	N/A	0.900	40 watt	160 W	CWA-1-40K-T4M-MVOLT-GZ1-HA
	2	CWA-1-40K-T4M-MVOLT-GZ1-HA	SINGLE	N/A	0.900	40 watt	80 W	CWA-1-40K-T4M-MVOLT-GZ1-HA
	1	CWA-1-40K-T4M-MVOLT-GZ1-HA	SINGLE	N/A	0.900	40 watt	40 W	CWA-1-40K-T4M-MVOLT-GZ1-HA

Luminaire Schedule									
Symbol	Label	Arrangement	Qty	Total Lamp Lumens	LLF	Luminaire Watts	Total Watts	Description	
	CWA-1-40K-T4M-MVOLT-GZ1-HA	SINGLE	14	N/A	0.900	40 watt	560 W	CWA-1-40K-T4M-MVOLT-GZ1-HA	
	CWA-1-40K-T4M-MVOLT-GZ1-HA	SINGLE	4	N/A	0.900	40 watt	160 W	CWA-1-40K-T4M-MVOLT-GZ1-HA	
	CWA-1-40K-T4M-MVOLT-GZ1-HA	SINGLE	2	N/A	0.900	40 watt	80 W	CWA-1-40K-T4M-MVOLT-GZ1-HA	
	CWA-1-40K-T4M-MVOLT-GZ1-HA	SINGLE	1	N/A	0.900	40 watt	40 W	CWA-1-40K-T4M-MVOLT-GZ1-HA	

Statistics								
Label	Calculation Type	Units	Avg	Max	Min	Avg/Min	Max/Min	Average Max Min
Athletic Field	Illuminance	fc	11.69	30.0	3.1	3.77	9.68	3.88
Athletic Field - East	Illuminance	fc	11.69	30.0	3.1	3.77	9.68	3.88
Athletic Field - East Grass Area	Illuminance	fc	11.69	30.0	3.1	3.77	9.68	3.88
Athletic Field West	Illuminance	fc	11.69	30.0	3.1	3.77	9.68	3.88
Athletic Track	Illuminance	fc	11.69	30.0	3.1	3.77	9.68	3.88
Athletic Track - East	Illuminance	fc	11.69	30.0	3.1	3.77	9.68	3.88
Athletic Track - West	Illuminance	fc	11.69	30.0	3.1	3.77	9.68	3.88
Athletic Track Interior	Illuminance	fc	11.69	30.0	3.1	3.77	9.68	3.88
Basketball Courts 1	Illuminance	fc	11.69	30.0	3.1	3.77	9.68	3.88
Basketball Courts 2	Illuminance	fc	11.69	30.0	3.1	3.77	9.68	3.88
Boys' Locker	Illuminance	fc	11.69	30.0	3.1	3.77	9.68	3.88
Boys' Varsity Lot	Illuminance	fc	1.98	3.2	0.4	4.95	8.00	2.80
Boys' Varsity Lot Entrance Sidewalk	Illuminance	fc	1.98	3.2	0.4	4.95	8.00	2.80
Clay Pond	Illuminance	fc	0.00	0.0	0.0	N/A	N/A	N/A
Field Hockey	Illuminance	fc	11.69	30.0	3.1	3.77	9.68	3.88
Field Hockey - East	Illuminance	fc	11.69	30.0	3.1	3.77	9.68	3.88

GENERAL NOTES

1. REFER TO SHEET L704 FOR LUMINAIRE SCHEDULE, CALCULATION SUMMARY, LIGHTING ZONES LEGEND, AND LIGHTING ZONES KEY PLAN.

NOT FOR CONSTRUCTION

PERKINS +WILL

225 Franklin Street, Suite 1100
Boston, MA 02110
t 617.478.0300
www.perkinswill.com

PROJECT

BELMONT HIGH SCHOOL
221 CONCORD AVE.
BELMONT, MA 02478

CLIENT LOGO IF AVAILABLE

TOWN OF BELMONT

KEYPLAN

REVISIONS

MARK	ISSUE	DATE

PLANNING BD SET
06.21.2019

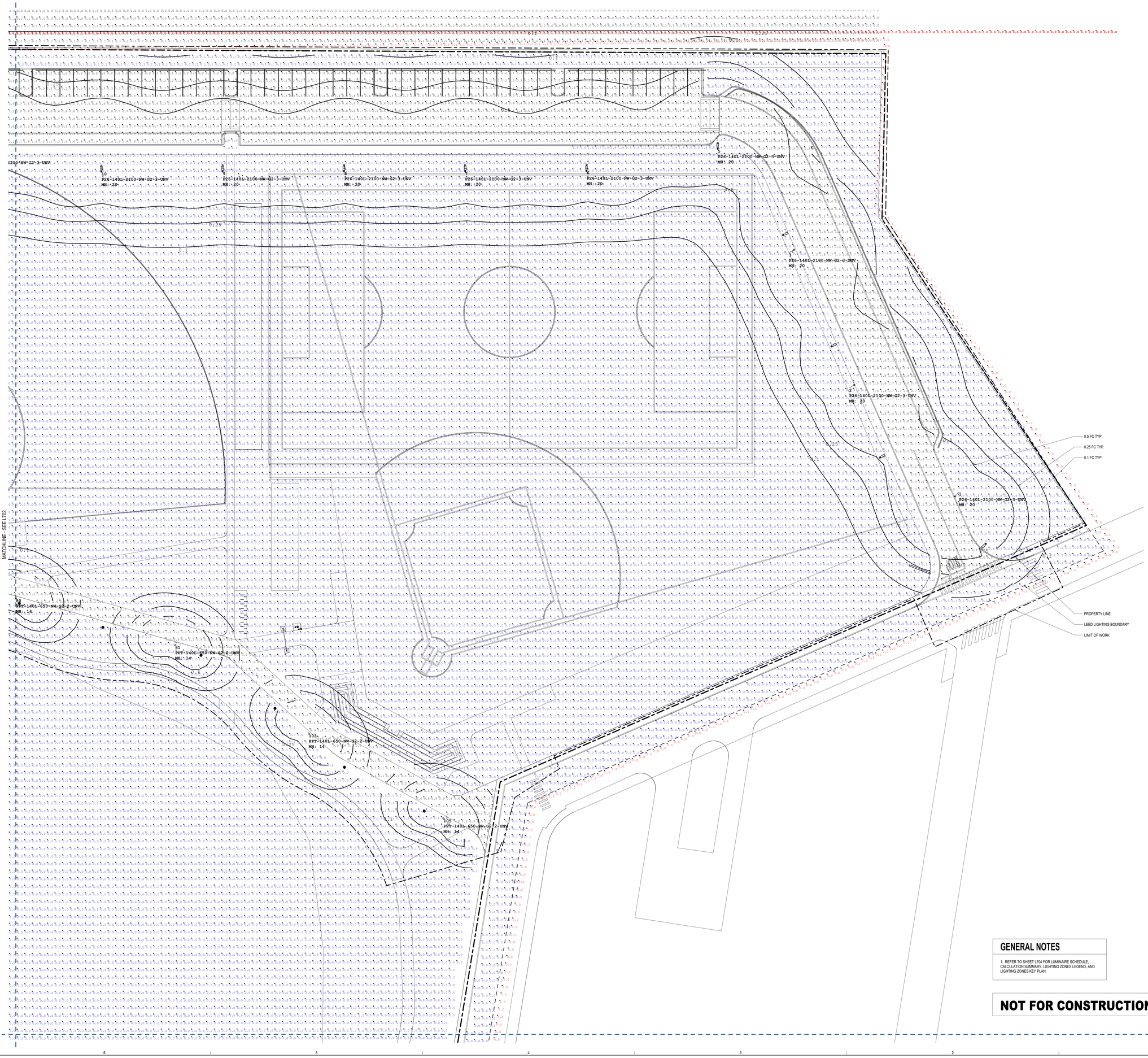
JOB NUMBER	153003.001
DRAWN	Author
CHECKED	Checker

TITLE

OVERALL PHOTOMETRICS PLAN

L700

6/20/2019 5:52:56 PM C:\Temp\Belmont HS v2019 - Site Design_maria.pizano@perkinswill.com.rvt



GENERAL NOTES

1. REFER TO SHEET L704 FOR LUMINAIRE SCHEDULE, CALCULATION SUMMARY, LIGHTING ZONES LEGEND, AND LIGHTING ZONES KEY PLAN.

NOT FOR CONSTRUCTION

PERKINS +WILL

225 Franklin Street, Suite 1100
Boston, MA 02110
t 617.478.0300
www.perkinswill.com

MASSACHUSETTS REGISTERED LANDSCAPE ARCHITECT No. 1178

PROJECT

BELMONT HIGH SCHOOL

221 CONCORD AVE.
BELMONT, MA 02478

CLIENT LOGO IF AVAILABLE

TOWN OF BELMONT

KEYPLAN

REVISIONS

MARK	ISSUE	DATE

PLANNING BD SET
06.21.2019

JOB NUMBER	153003.001
DRAWN	Author
CHECKED	Checker

TITLE

PHOTOMETRICS PLAN

L701

6/20/2019 5:53:01 PM C:\Temp\Belmont HS v2019 - Site Design_maria.pizano@perkinswill.com.rvt

LIMIT OF WORK

PROPERTY LINE

LEED LIGHTING BOUNDARY

1
P26-140L-2100-NW-G2-3-UNV
MH: 20

2
P26-140L-2100-NW-G2-3-UNV
MH: 20

3
PPT-140L-1150-NW-G2-3-UNV
MH: 14

4
PPT-140L-650-NW-G2-2-UNV
MH: 14

5
PPT-140L-650-NW-G2-2-UNV
MH: 14

6
PPT-140L-650-NW-G2-2-UNV
MH: 14

7
PPT-140L-650-NW-G2-2-UNV
MH: 14

8
PPT-140L-650-NW-G2-2-UNV
MH: 14

9
PPT-140L-650-NW-G2-2-UNV
MH: 14

10
P26-140L-2100-NW-G2-3-UNV
MH: 20

11
P26-140L-2100-NW-G2-3-UNV
MH: 20

12
P26-140L-2100-NW-G2-3-UNV
MH: 20

13
P26-140L-2100-NW-G2-3-UNV
MH: 20

14
P26-140L-2100-NW-G2-3-UNV
MH: 20

15
P26-140L-2100-NW-G2-3-UNV
MH: 20

16
P26-140L-2100-NW-G2-3-UNV
MH: 20

17
P26-140L-2100-NW-G2-3-UNV
MH: 20

18
P26-140L-2100-NW-G2-3-UNV
MH: 20

19
P26-140L-2100-NW-G2-3-UNV
MH: 20

20
P26-140L-2100-NW-G2-3-UNV
MH: 20

0.5 FC TYP.

0.25 FC TYP.

0.1 FC TYP.

MATCHLINE - SEE L703

MATCHLINE - SEE L701

GENERAL NOTES

1. REFER TO SHEET L704 FOR LUMINAIRE SCHEDULE, CALCULATION SUMMARY, LIGHTING ZONES LEGEND, AND LIGHTING ZONES KEY PLAN.

NOT FOR CONSTRUCTION

PERKINS +WILL

225 Franklin Street, Suite 1100
Boston, MA 02110
t 617.478.0300
www.perkinswill.com

MASSACHUSETTS REGISTERED LANDSCAPE ARCHITECT NO. 1176

PROJECT

BELMONT HIGH SCHOOL

221 CONCORD AVE.
BELMONT, MA 02478

CLIENT LOGO IF AVAILABLE

TOWN OF BELMONT

KEYPLAN

MARK	ISSUE	DATE

PLANNING BD SET 06.21.2019

JOB NUMBER	153003.001
DRAWN	Author
CHECKED	Checker

TITLE

PHOTOMETRICS PLAN

L702

6/20/2019 5:53:06 PM C:\Temp\Belmont HS v2019 - Site Design_maria.pizano@perkinswill.com.rvt

LIMIT OF WORK

PROPERTY LINE

LEED LIGHTING BOUNDARY

BUILDING

88
PPT-140L-1150-NW-G2-3-UNV
MH: 14

89
PPT-140L-1350-NW-G2-3-UNV
MH: 14

90
PPT-140L-1150-NW-G2-3-UNV
MH: 14

91
PPT-140L-1150-NW-G2-3-UNV
MH: 14

92
P26-140L-2100-NW-G2-3-UNV
MH: 20

93
P26-140L-2100-NW-G2-3-UNV
MH: 20

94
PPT-140L-1150-NW-G2-3-UNV
MH: 14

95
PPT-140L-1150-NW-G2-3-UNV
MH: 14

96
PPT-140L-1150-NW-G2-3-UNV
MH: 14

97
PPT-140L-1150-NW-G2-3-UNV
MH: 14

98
PPT-140L-1150-NW-G2-3-UNV
MH: 14

99
PPT-140L-1150-NW-G2-3-UNV
MH: 14

100
PPT-140L-1150-NW-G2-3-UNV
MH: 14

101
PPT-140L-2150-NW-G2-3-UNV
MH: 14

1
P26-140L-2100-NW-G2-3-UNV
MH: 20

2
P26-140L-2100-NW-G2-3-UNV
MH: 20

3
P26-140L-2100-NW-G2-3-UNV
MH: 20

4
P26-140L-2100-NW-G2-3-UNV
MH: 20

5
P26-140L-2100-NW-G2-3-UNV
MH: 20

6
P26-140L-2100-NW-G2-3-UNV
MH: 20

7
P26-140L-2100-NW-G2-3-UNV
MH: 20

8
P26-140L-2100-NW-G2-3-UNV
MH: 20

9
P26-140L-2100-NW-G2-3-UNV
MH: 20

10
P26-140L-2100-NW-G2-3-UNV
MH: 20

11
P26-140L-2100-NW-G2-3-UNV
MH: 20

12
P26-140L-2100-NW-G2-3-UNV
MH: 20

13
P26-140L-2100-NW-G2-3-UNV
MH: 20

14
P26-140L-2100-NW-G2-3-UNV
MH: 20

15
P26-140L-2100-NW-G2-3-UNV
MH: 20

16
P26-140L-2100-NW-G2-3-UNV
MH: 20

17
P26-140L-2100-NW-G2-3-UNV
MH: 20

18
P26-140L-2100-NW-G2-3-UNV
MH: 20

19
P26-140L-2100-NW-G2-3-UNV
MH: 20

20
P26-140L-2100-NW-G2-3-UNV
MH: 20

21
P26-140L-2100-NW-G2-3-UNV
MH: 20

22
P26-140L-2100-NW-G2-3-UNV
MH: 20

23
P26-140L-2100-NW-G2-3-UNV
MH: 20

24
P26-140L-2100-NW-G2-3-UNV
MH: 20

25
P26-140L-2100-NW-G2-3-UNV
MH: 20

26
P26-140L-2100-NW-G2-3-UNV
MH: 20

27
P26-140L-2100-NW-G2-3-UNV
MH: 20

28
P26-140L-2100-NW-G2-3-UNV
MH: 20

29
P26-140L-2100-NW-G2-3-UNV
MH: 20

30
P26-140L-2100-NW-G2-3-UNV
MH: 20

31
P26-140L-2100-NW-G2-3-UNV
MH: 20

32
P26-140L-2100-NW-G2-3-UNV
MH: 20

33
P26-140L-2100-NW-G2-3-UNV
MH: 20

34
P26-140L-2100-NW-G2-3-UNV
MH: 20

35
P26-140L-2100-NW-G2-3-UNV
MH: 20

36
P26-140L-2100-NW-G2-3-UNV
MH: 20

37
P26-140L-2100-NW-G2-3-UNV
MH: 20

38
P26-140L-2100-NW-G2-3-UNV
MH: 20

39
P26-140L-2100-NW-G2-3-UNV
MH: 20

40
P26-140L-2100-NW-G2-3-UNV
MH: 20

41
P26-140L-2100-NW-G2-3-UNV
MH: 20

42
P26-140L-2100-NW-G2-3-UNV
MH: 20

43
P26-140L-2100-NW-G2-3-UNV
MH: 20

44
P26-140L-2100-NW-G2-3-UNV
MH: 20

45
P26-140L-2100-NW-G2-3-UNV
MH: 20

46
P26-140L-2100-NW-G2-3-UNV
MH: 20

47
P26-140L-2100-NW-G2-3-UNV
MH: 20

48
P26-140L-2100-NW-G2-3-UNV
MH: 20

49
P26-140L-2100-NW-G2-3-UNV
MH: 20

50
P26-140L-2100-NW-G2-3-UNV
MH: 20

51
P26-140L-2100-NW-G2-3-UNV
MH: 20

52
P26-140L-2100-NW-G2-3-UNV
MH: 20

53
P26-140L-2100-NW-G2-3-UNV
MH: 20

54
P26-140L-2100-NW-G2-3-UNV
MH: 20

55
P26-140L-2100-NW-G2-3-UNV
MH: 20

56
P26-140L-2100-NW-G2-3-UNV
MH: 20

57
P26-140L-2100-NW-G2-3-UNV
MH: 20

58
P26-140L-2100-NW-G2-3-UNV
MH: 20

59
P26-140L-2100-NW-G2-3-UNV
MH: 20

60
P26-140L-2100-NW-G2-3-UNV
MH: 20

61
P26-140L-2100-NW-G2-3-UNV
MH: 20

62
P26-140L-2100-NW-G2-3-UNV
MH: 20

63
P26-140L-2100-NW-G2-3-UNV
MH: 20

64
P26-140L-2100-NW-G2-3-UNV
MH: 20

65
P26-140L-2100-NW-G2-3-UNV
MH: 20

66
P26-140L-2100-NW-G2-3-UNV
MH: 20

67
P26-140L-2100-NW-G2-3-UNV
MH: 20

68
P26-140L-2100-NW-G2-3-UNV
MH: 20

69
P26-140L-2100-NW-G2-3-UNV
MH: 20

70
P26-140L-2100-NW-G2-3-UNV
MH: 20

71
PPT-140L-650-NW-G2-2-UNV
MH: 14

72
PPT-140L-650-NW-G2-2-UNV
MH: 14

73
PPT-140L-650-NW-G2-2-UNV
MH: 14

74
PPT-140L-650-NW-G2-2-UNV
MH: 14

75
PPT-140L-650-NW-G2-2-UNV
MH: 14

76
PPT-140L-650-NW-G2-2-UNV
MH: 14

77
PPT-140L-650-NW-G2-2-UNV
MH: 14

78
PPT-140L-650-NW-G2-2-UNV
MH: 14

79
PPT-140L-650-NW-G2-2-UNV
MH: 14

80
PPT-140L-650-NW-G2-2-UNV
MH: 14

81
PPT-140L-650-NW-G2-2-UNV
MH: 14

82
PPT-140L-650-NW-G2-2-UNV
MH: 14

83
PPT-140L-650-NW-G2-2-UNV
MH: 14

84
PPT-140L-650-NW-G2-2-UNV
MH: 14

85
PPT-140L-650-NW-G2-2-UNV
MH: 14

86
PPT-140L-650-NW-G2-2-UNV
MH: 14

87
PPT-140L-650-NW-G2-2-UNV
MH: 14

0.1 FC TYP.

0.25 FC TYP.

0.5 FC TYP.

MATCHLINE - SEE L702

MATCHLINE - SEE L704

GENERAL NOTES

1. REFER TO SHEET L704 FOR LUMINAIRE SCHEDULE, CALCULATION SUMMARY, LIGHTING ZONES LEGEND, AND LIGHTING ZONES KEY PLAN.

NOT FOR CONSTRUCTION

PERKINS +WILL

225 Franklin Street, Suite 1100
Boston, MA 02110
t 617.478.0300
www.perkinswill.com

MASSACHUSETTS REGISTERED LANDSCAPE ARCHITECT No. 1176

PROJECT

BELMONT HIGH SCHOOL

221 CONCORD AVE.
BELMONT, MA 02478

CLIENT LOGO IF AVAILABLE

TOWN OF BELMONT

KEYPLAN

REVISIONS

MARK	ISSUE	DATE

PLANNING BD SET
06.21.2019

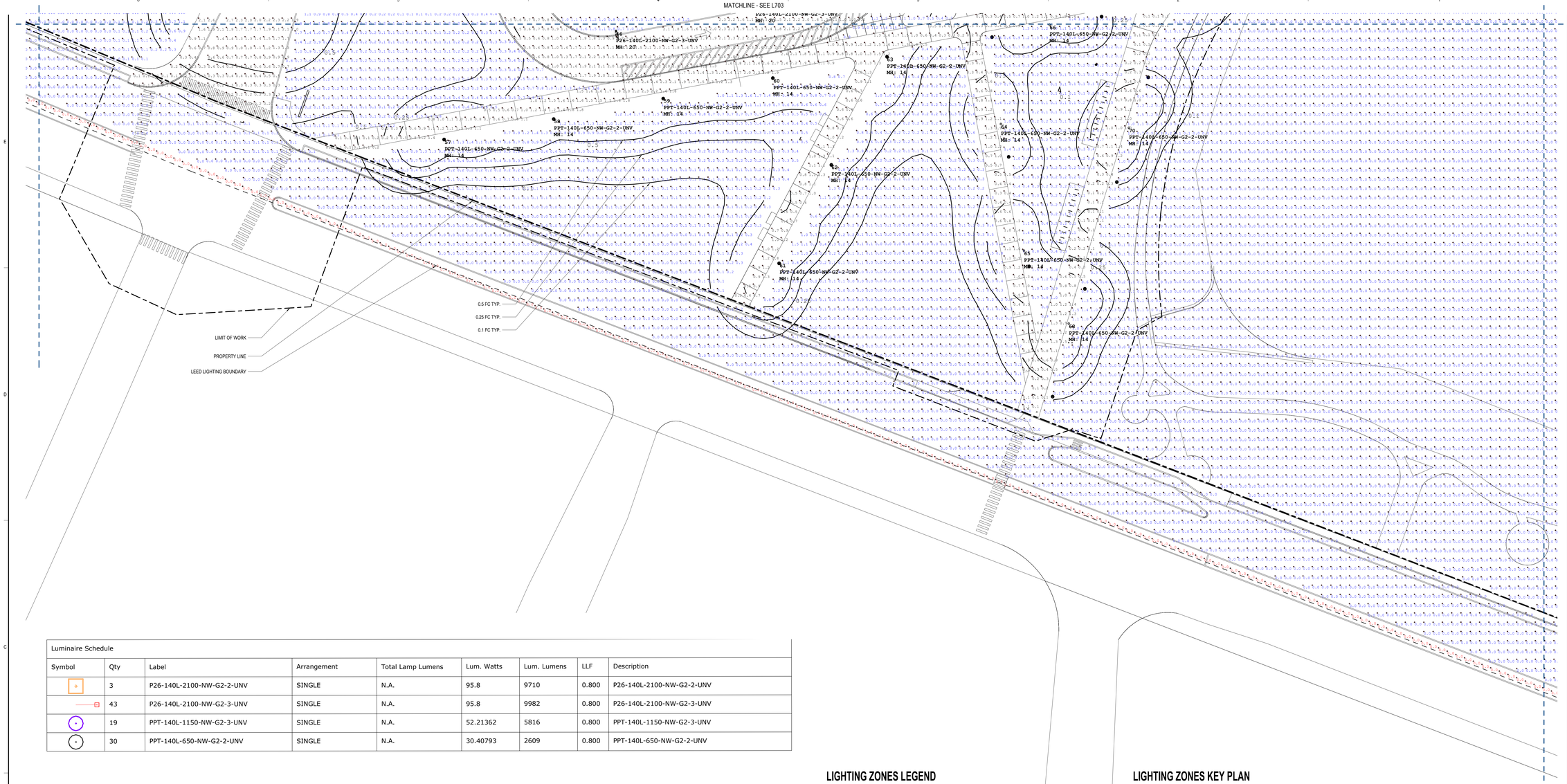
JOB NUMBER	153003.001
DRAWN	Author
CHECKED	Checker

TITLE

PHOTOMETRICS PLAN

L703

©2020/10 5:53:12 PM C:\Temp\Belmont HS v2019 - Site Design_manoj.pbanno@perkinswill.com.rvt



Luminaire Schedule								
Symbol	Qty	Label	Arrangement	Total Lamp Lumens	Lum. Watts	Lum. Lumens	LLF	Description
	3	P26-140L-2100-NW-G2-2-UNV	SINGLE	N.A.	95.8	9710	0.800	P26-140L-2100-NW-G2-2-UNV
	43	P26-140L-2100-NW-G2-3-UNV	SINGLE	N.A.	95.8	9982	0.800	P26-140L-2100-NW-G2-3-UNV
	19	PPT-140L-1150-NW-G2-3-UNV	SINGLE	N.A.	52.21362	5816	0.800	PPT-140L-1150-NW-G2-3-UNV
	30	PPT-140L-650-NW-G2-2-UNV	SINGLE	N.A.	30.40793	2609	0.800	PPT-140L-650-NW-G2-2-UNV

Calculation Summary									
Label	CalcType	Units	Avg	Target Avg	Max	Min	Avg/Min	Max/Min	Target Max/Min
40' VERTICAL CALC	Illuminance	Fc	0.09	NA	0.5	0.0	N.A.	N.A.	NA
CENTER SITE	Illuminance	Fc	0.18	NA	3.2	0.0	N.A.	N.A.	NA
CONCORD AVE AND LOWER SITE	Illuminance	Fc	0.00	NA	0.0	0.0	N.A.	N.A.	NA
LIGHT BOUNDRY	Illuminance	Fc	0.02	NA	0.2	0.0	N.A.	N.A.	NA
LOWER SITE	Illuminance	Fc	0.10	NA	3.1	0.0	N.A.	N.A.	NA
NORTH SITE	Illuminance	Fc	0.04	NA	2.5	0.0	N.A.	N.A.	NA
PAST BOUNDRY	Illuminance	Fc	0.01	NA	0.1	0.0	N.A.	N.A.	NA
POND SIDE PATH	Illuminance	Fc	0.58	0.5	2.7	0.1	5.80	27.00	15.0
POND SITE	Illuminance	Fc	0.02	NA	1.5	0.0	N.A.	N.A.	NA
ROADS AND PARKING	Illuminance	Fc	1.01	1.0	3.6	0.0	N.A.	N.A.	15.0
ROUNDABOUT ISLAND	Illuminance	Fc	0.69	NA	2.2	0.1	6.90	22.00	NA
ROUNDABOUT ISLAND 2	Illuminance	Fc	0.57	NA	2.2	0.1	5.70	22.00	NA
SMALL ISLAND	Illuminance	Fc	0.45	NA	1.5	0.1	4.50	15.00	NA
SMALL PARKING LOT	Illuminance	Fc	1.09	1.0	3.9	0.1	10.90	39.00	15.0
UNDERWOOD AND HITTINGER STREET	Illuminance	Fc	0.01	NA	0.2	0.0	N.A.	N.A.	NA
ADA AREA	Illuminance	Fc	0.85	1.0	2.1	0.1	8.50	21.00	15.0
MAIN PARKING	Illuminance	Fc	1.17	1.0	3.4	0.1	11.70	34.00	15.0
SOCCER FIELD PARKING	Illuminance	Fc	0.78	1.0	2.2	0.1	7.80	22.00	15.0

LIGHTING ZONES LEGEND

Calculation Summary	
Label	
40' CALC WALL	
BELMONT SITE	
BOUNDARY LINE	
CENTER SITE	
CONCORD AVENUE	
LAKE SIDE PATH	
NORTH SITE	
PAST NORTH BOUNDARY	
POND SITE	
ROADWAY AND PARKING	
ROUNDABOUT ISLAND	
ROUNDABOUT ISLAND 2	
SMALL ISLAND	
SMALL PARKING LOT	
UNDERWOOD AND HITTINGER STREET	
ADA ZONE	
MAIN PARKING	
SOCCER FIELD PARKING	

LIGHTING ZONES KEY PLAN



GENERAL NOTES

1. REFER TO SHEET L704 FOR LUMINAIRE SCHEDULE, CALCULATION SUMMARY, LIGHTING ZONES LEGEND, AND LIGHTING ZONES KEY PLAN.

NOT FOR CONSTRUCTION

PERKINS +WILL

225 Franklin Street, Suite 1100
Boston, MA 02110
t 617.478.0300
www.perkinswill.com

MASSACHUSETTS REGISTERED LANDSCAPE ARCHITECT No. 1172

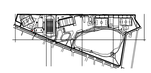
PROJECT

BELMONT HIGH SCHOOL
221 CONCORD AVE
BELMONT, MA 02478

CLIENT LOGO IF AVAILABLE

TOWN OF BELMONT

KEYPLAN



REVISIONS

MARK	ISSUE	DATE

PLANNING BD SET 06.21.2019

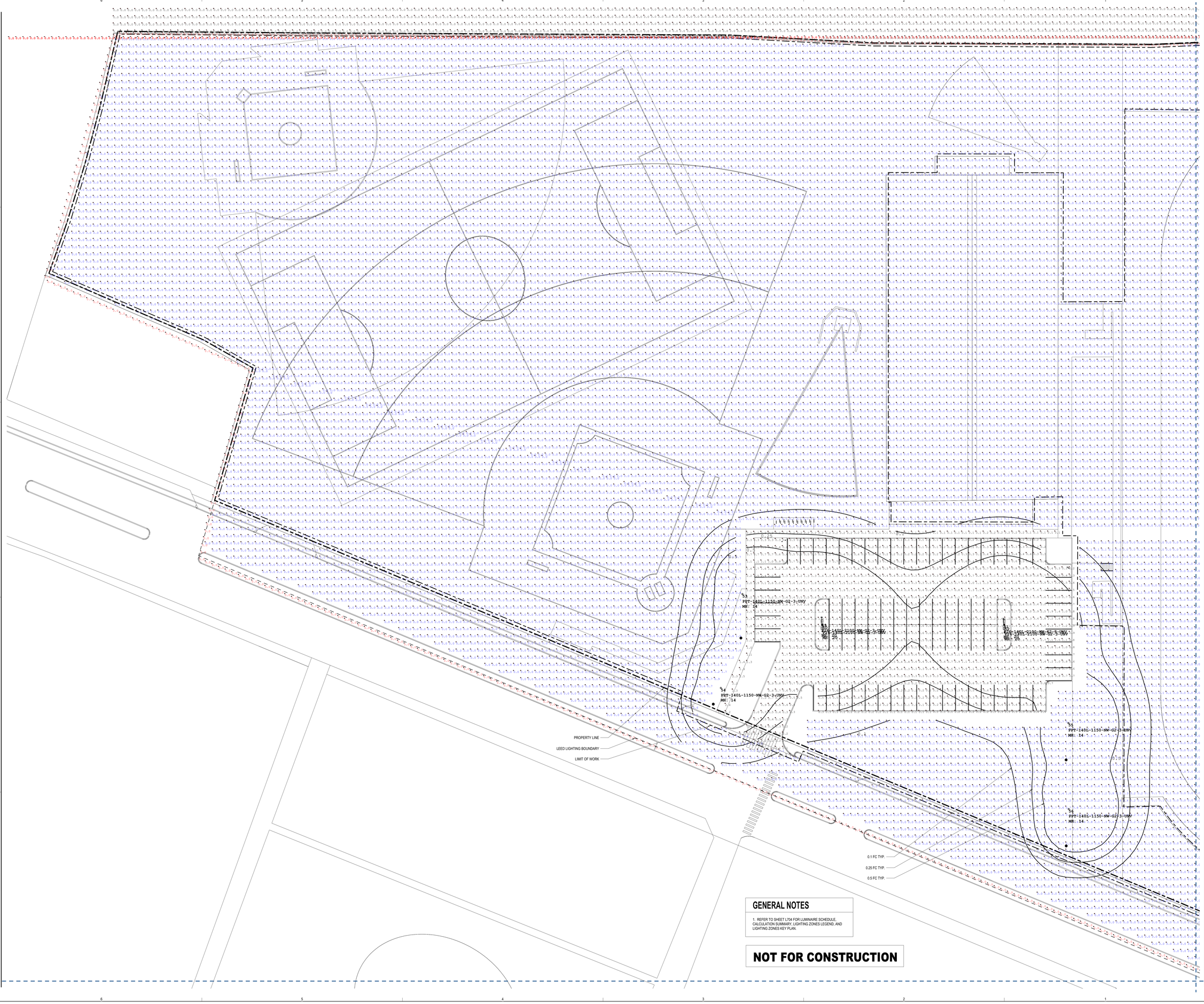
JOB NUMBER	153003.001
DRAWN	Author
CHECKED	Checker

TITLE

PHOTOMETRICS PLAN

L704

C:\Temp\Belmont HS v2019 - Site Design_maria.pizano@perkinswill.com.rvt
6/20/2019 5:53:15 PM



GENERAL NOTES

1. REFER TO SHEET L704 FOR LUMINAIRE SCHEDULE, CALCULATION SUMMARY, LIGHTING ZONES LEGEND, AND LIGHTING ZONES KEY PLAN.

NOT FOR CONSTRUCTION

PERKINS +WILL

225 Franklin Street, Suite 1100
Boston, MA 02110
t 617.478.0300
www.perkinswill.com

MASSACHUSETTS REGISTERED LANDSCAPE ARCHITECT No. 1115

PROJECT

BELMONT HIGH SCHOOL

221 CONCORD AVE.
BELMONT, MA 02478

CLIENT LOGO IF AVAILABLE

TOWN OF BELMONT

KEYPLAN

REVISIONS

MARK	ISSUE	DATE

PLANNING BD SET
06.21.2019

JOB NUMBER	153003.001
DRAWN	Author
CHECKED	Checker

TITLE

PHOTOMETRICS PLAN

L705

6/20/2019 5:53:20 PM C:\Temp\Belmont HS v2019 - Site Design_manuj.pbanvi@perkinswill.com.rvt