

LUSSIANO/NORTH UNION PLAYGROUND

100% BID DOCUMENTS 4-24-2020

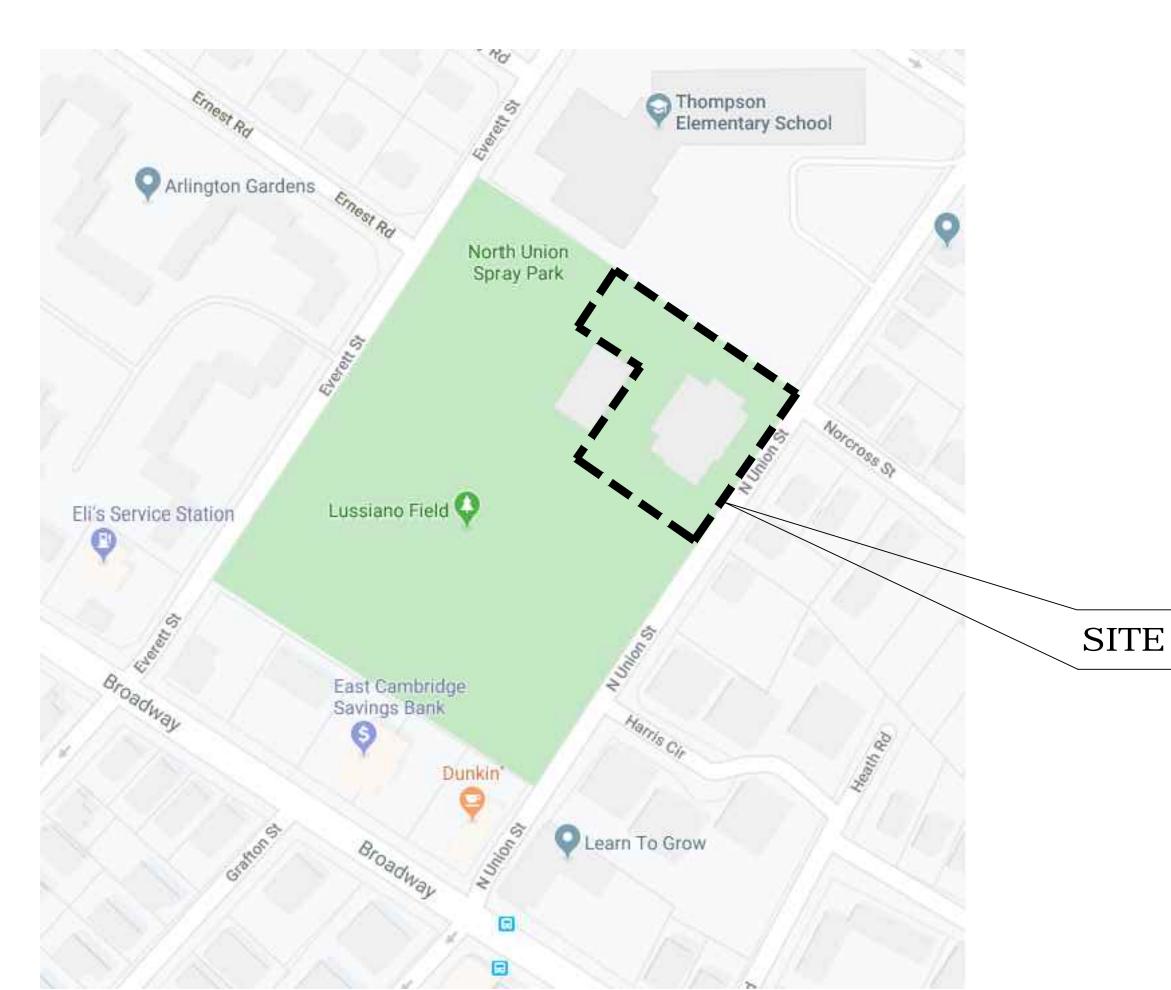
PREPARED BY:

LANDSCAPE ARCHITECT



RAY DUNETZ LANDSCAPE ARCHITECTURE, INC.

179 GREEN STREET BOSTON, MA 02130 617-524-6265 T



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SITE UTILITIES

'L'

SU-1

COVER SHEET

Sheet Name.:

SIANO/ NORTH UNION PLAYGROUND

NORTH A

LOCATION MAP
60 NORTH UNION ST.
ARLINGTON, MA 02474

LIST OF ABBREVIATIONS

CNTL:

COMP.

CONC.

CONT.

ØDIA.

DIMEN:

E.F.: · · ·

 $\mathsf{EJ}\cdots$

EA: · ·

ELEC.

ELEV.

EQ.··

EX ·

FDN:

FG··

FTG.

FTN.···

H.D. GALV.

HORIZ.· ·

LP·····

MH··

NO.··

FIN. GR.

CW· ·

ANGLE **◯**10' · ARC LENGTH APPROX · · APPROXIMATE B&B BALLED AND BURLAPPED BOTTOM OF CURB BLDG: · BUILDING BOTTOM OF FENCE BOTTOM OF FOOTING BOTTOM OF WALL B/S·· BOTH SIDES BOTTOM OF STEP B/W· BOTH WAYS BIT. CONC. · BITUMINOUS CONCRETE CALIPER C.I.P. CAST IN PLACE CB.... · CATCH BASIN CENTERLINE CLF······ · CHAIN LINK FENCE CIR. CIRCLE CLR. · CLEAR

CONTROL

· COMPACTED

CONCRETE

· DIAMETER

DIMENSION

DIMENSION

EACH FACE

ELEVATION

ELEVATION

EQUAL

EXISTING

FOOTING

FOUNTAIN

· HIGH POINT

HORIZONTAL HANDRAIL

· · INSIDE DIAMETER

... INVERT ELEVATION

HEIGHT

· JOINT LENGTH

· LIGHT POLE

· LOW POINT MAXIMUM

MANHOLE

MINIMUM

·····NUMBER NTS · · · · · · · NOT TO SCALE

LOW · · · · · · · APPROXIMATE LIMIT OF WORK

NOT IN CONTRACT

FOUNDATION

FINISH GRADE

FINISH GRADE

HOT DIP GALVANIZED

EACH

· EXPANSION JOINT

ELECTRICAL LINE

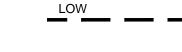
CONTINUOUS

· COLD WATER

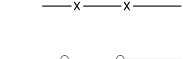
OUTSIDE DIAMETER · · OVERHEAD WIRES OPPOSITE PERCENT PERFORATED PLANTING · · PLACE OF BEGINNING PAVING PAVEMENT RADIUS RADIUS POINT REINFORCEMENT REQUIRED SAWCUT SIMILAR SPREAD · · · STAINLESS STEEL TANGENT TOP OF CURB THRESHOLD T.O.B. TOP OF BENCH TOP OF FENCE T.O.F. TOP OF FOOTING ··· TOP OF STEP TOP OF WALL TYPICAL UTILITY POLE VERTICAL WATER LINE W/G····· WATER GATE

O.C. · · · · ON CENTER

<u>LEGEND</u>



APPROX. LIMIT OF WORK

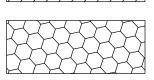


6' HT. CLF CONSTRUCTION FENCE

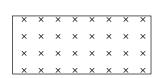
TREE PROTECTION FENCE



REMOVE EX. BIT. CONC. PAVEMENT



REMOVE EX. RUBBER SURFACE



REMOVE EX. LAWN



REMOVE EX. TIMBER OR RUBBER EDGE



REMOVE EX. TREE



REMOVE EX. SHRUBS

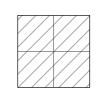
LAYOUT & MATERIALS LEGEND



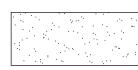
NEW RESILIENT RUBBER SURFACE



NEW WOOD FIBER SURFACE



NEW RESILIENT RUBBER TILES





NEW BIT. CONC. PAVING

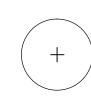


NEW TIMBER GUARDRAIL, BY OTHERS

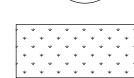


NEW WATER LINE

PLANTING LEGEND



NEW TREE



NEW SEEDED LAWN

GRADING LEGEND





DIRECTION OF SLOPE AND PERCENTAGE

TREE PROTECTION NOTES:

- 1. THE PURPOSE OF TREE PROTECTION IS TO PROTECT THE ROOTS OF TREES ON THIS PROPERTY AND NEIGHBORING PROPERTIES. TREE ROOTS ARE EASILY DAMAGED BY SOIL COMPACTION, PROLONGED COVERING OF SOIL, AND EXPOSURE TO WASTE MATERIALS.
- 2. IT IS THE GENERAL CONTRACTOR'S RESPONSIBILITY TO ENSURE THAT EACH CONTRACTOR WORKING AT THE SITE UNDERSTANDS AND COMPLIES WITH THE TREE PROTECTION PLAN.
- 3. DURING EXCAVATION, CUT ROOTS AT EDGE OF EXCAVATION USING SHARP HAND TOOLS FOR A CLEAN
- 4. DO NOT DISPOSE OF WASTE SOLIDS AND WATER, OR WASH EQUIPMENT AND VEHICLES ANYWHERE ON
- 5. TREE ROOTS EXTEND BEYOND THE TREE'S CANOPY. EVEN INCONSPICUOUS DAMAGES MAY WEAKEN OR

SITE PREPARATION NOTES

- 1. CONTRACTOR SHALL CALL DIG-SAFE [888-DIG-SAFE] AND VERIFY LOCATION OF EXISTING UTILITIES & BELOW-GRADE STRUCTURES INSIDE LIMIT OF WORK PRIOR TO STARTING CONSTRUCTION.
- 2. CONTRACTOR SHALL COMPLETE ALL DEMOLITION & REMOVALS REQUIRED TO COMPLETE THE INTENT OF THE PROPOSED WORK.
- 3. ALL MATERIALS REMOVED IN THE COURSE OF THIS WORK SHALL BE DISPOSED OF OFF-SITE PROPERLY &
- 4. CONTRACTOR SHALL REPAIR ANY DAMAGE DONE TO EXISTING PAVING & OTHER ITEMS OUTSIDE THE LIMIT
- 5. CONTRACTOR SHALL ENSURE THE SITE REMAINS SECURE DURING CONSTRUCTION.
- 6. THE CONTRACTOR SHALL PROTECT ALL UTILITIES & BELOW GRADE STRUCTURES PRIOR TO START OF
- 7. ITEMS TO BE SALVAGED SHALL BE REMOVED OFF-SITE BY THE CONTRACTOR TO A SECURE LOCATION.
- 8. MAINTAIN PEDESTRIAN SAFETY, INCLUDING SECURING THE SITE.

IN ACCORDANCE WITH ALL LOCAL & STATE REGULATIONS.

- 9. CONTRACTOR TO PROVIDE ACCESS PLAN PRIOR TO CONSTRUCTION FOR APPROVAL BY OWNER'S
- 10. EROSION CONTROL MEASURES SHALL REMAIN IN PLACE DURING CONSTRUCTION.

LAYOUT AND MATERIALS NOTES:

- 1. CONTRACTOR SHALL VERIFY ALL LAYOUT DIMENSIONS PRIOR TO START OF CONSTRUCTION & SHALL NOTIFY LANDSCAPE ARCHITECT OF ANY DISCREPANCIES.
- 2. CAD FILES WILL BE MADE AVAILABLE TO CONTRACTOR FOR LAYOUT OF PLAYGROUND.
- 3. CONCRETE PADS ARE PART OF THE BASE BID.
- 4. CONTRACTOR SHALL PICK UP PLAY EQUIPMENT AND SITE FURNITURE FROM TOWN YARD, AND INSTALL.

GRADING NOTES:

- GRADE AREAS TO A SMOOTH UNIFORM SURFACE, FREE FROM IRREGULAR CHANGES. COMPLY WITH COMPACTION REQUIREMENTS & GRADE TO CROSS SECTIONS, SLOPES & ELEVATIONS INDICATED.
- 2. PROVIDE A SMOOTH TRANSITION BETWEEN EXISTING ADJACENT GRADES & NEW GRADES.
- 3. CROSS PITCH ON WALKS: 2% MAXIMUM, 1.5% MINIMUM. LONGITUDINAL SLOPE ON WALKS: 4.75% MAXIMUM.
- 4. CONTRACTOR SHALL VERIFY ALL NEW & EXISTING GRADES PRIOR TO CONSTRUCTION.

PLANTING NOTES:

- 1. ALL NEW TREES SHALL BE MULCHED WITH SAUCERS OF 2" MIN. DEPTH OF MULCH.
- SEED ALL DISTURBED AREAS.
- 3. TREES TO BE PROVIDED BY THE TOWN AND CONTRACTOR SHALL INSTALL AS PART OF BASE BID.

ADD ALTERNATES	
1	INSTALL (5) 6' BENCHES AND (2) 8' BENCHES (PROVIDED BY TOWN)
2	INSTALL NEW PICNIC TABLES (PROVIDED BY TOWN).
3	INSTALL NEW TRASH RECEPTACLE (PROVIDED BY TOWN).
4	INSTALL NEW SAND BOX AND PLAYGROUND SAND.
5	INSTALL LOG CLIMBER PLAY EQUIPMENT (PROVIDED BY TOWN).
6	INSTALL NEW WATER LINE AND WATER SPIGOT
7	INSTALL BOULDERS (PROVIDED BY TOWN).
8	NEW FENCE (AT SANITARY STATION).
9	INSTALL BIKE RACKS (PROVIDED BY TOWN).

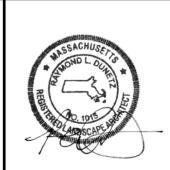




4-24-2020 100% BID DOCUMENTS

REVISIONS

DATE REVISION



NORTH

LUSSIANO/ NORTH UNION PLAYGROUND ARLINGTON, MA

STAMP

PROJECT

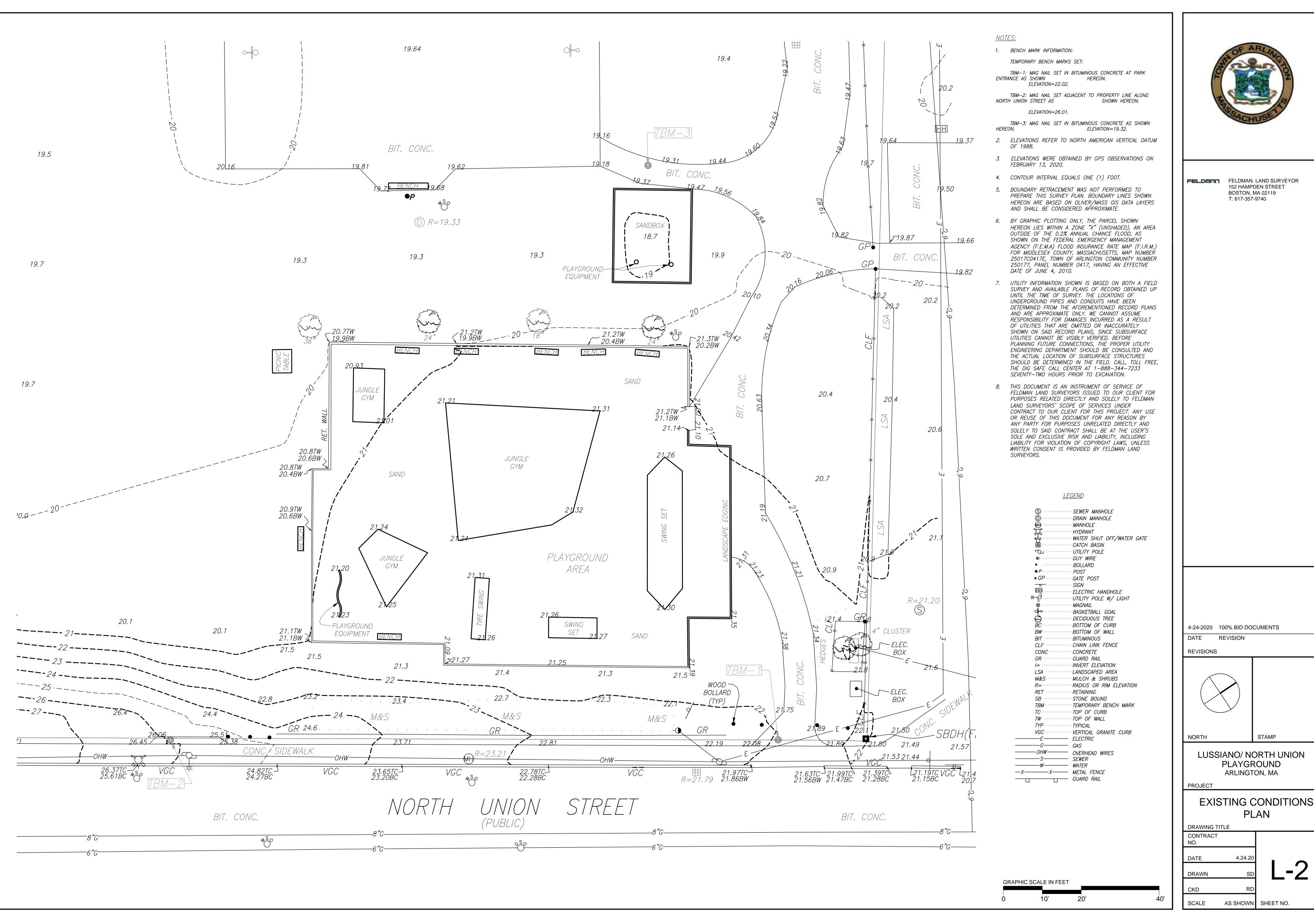
CKD

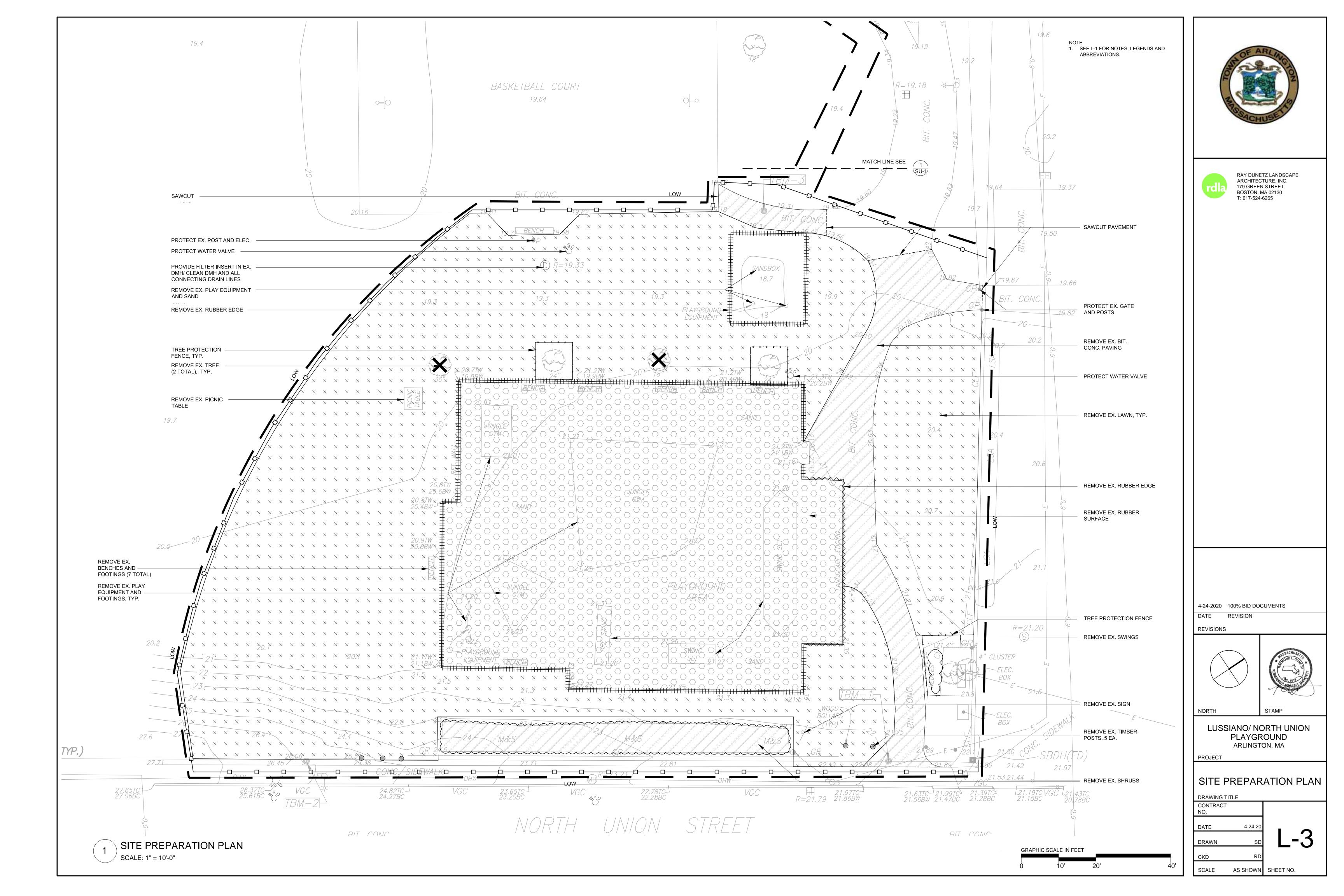
SCALE

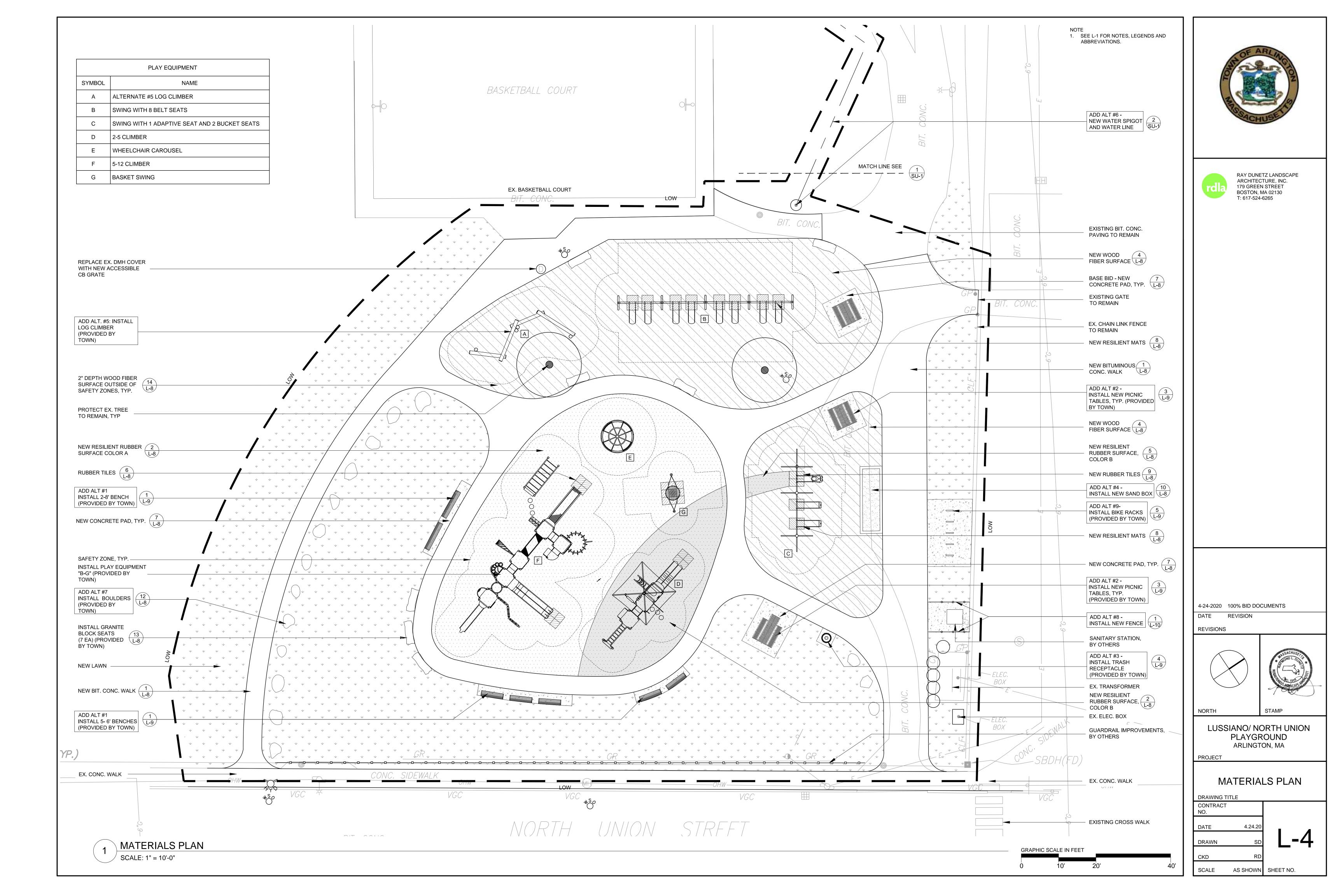
LEGENDS, NOTES AND **ABBREVIATIONS**

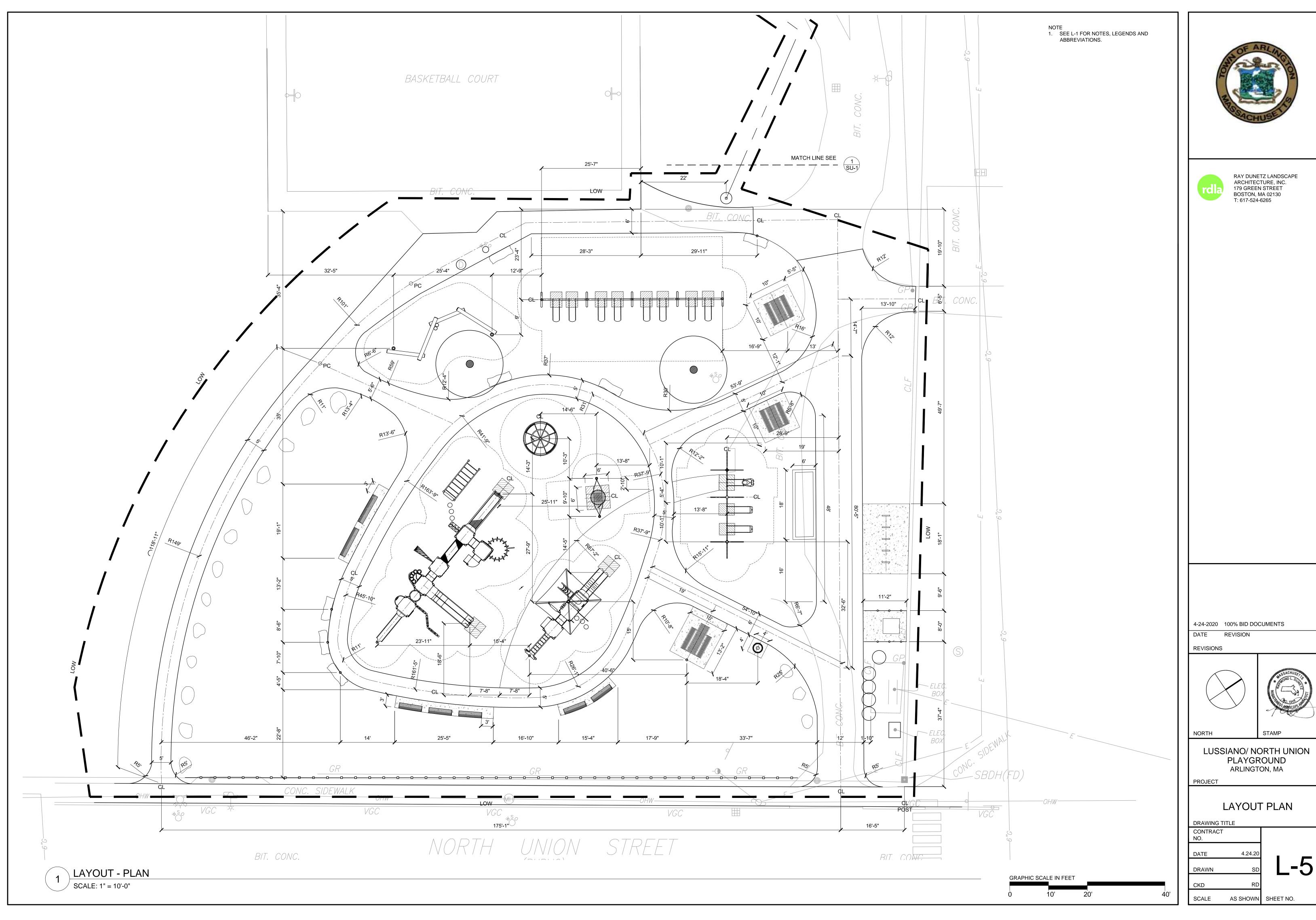
DRAWING TITLE CONTRACT NO. 4.24.20 DATE DRAWN

AS SHOWN SHEET NO.

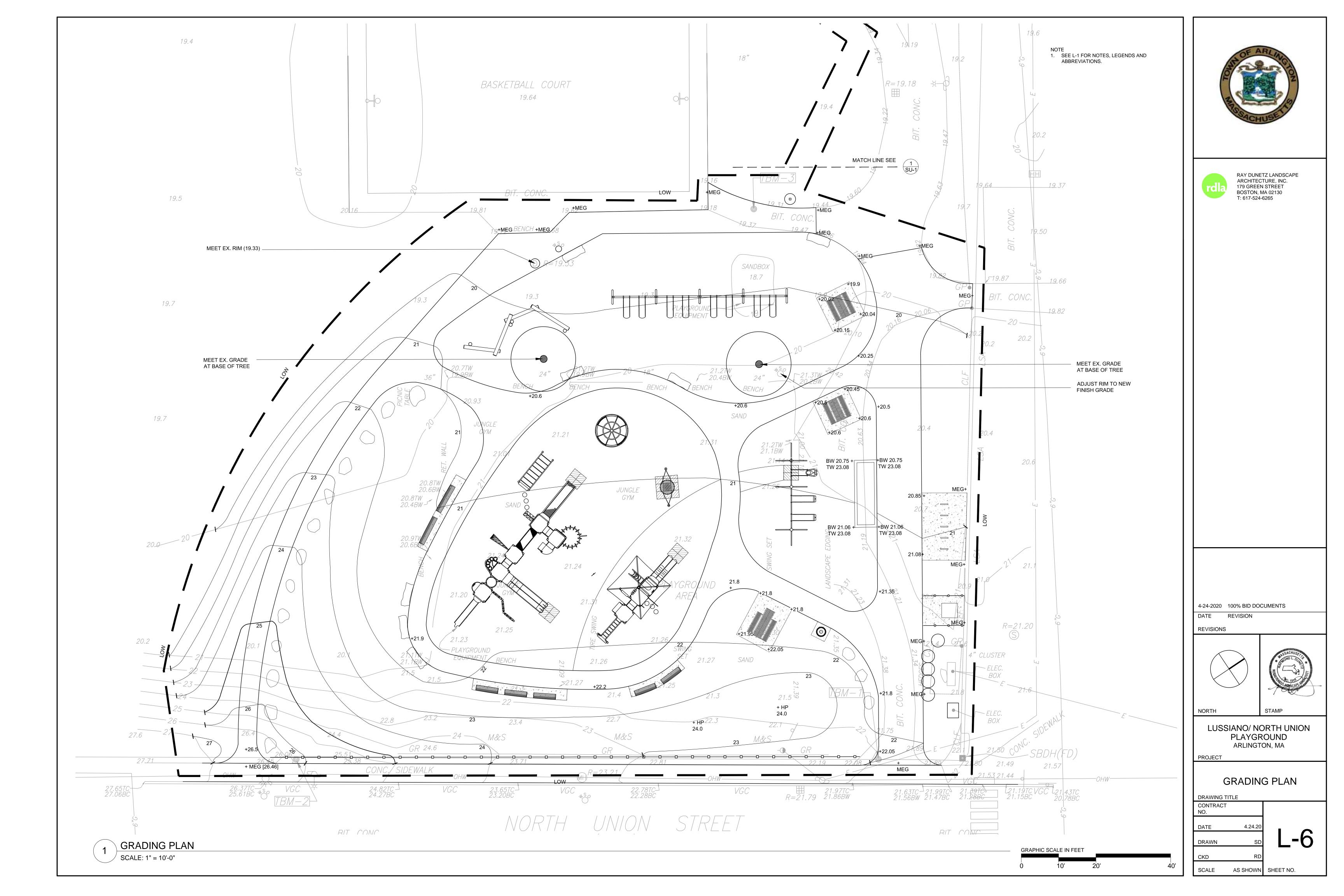


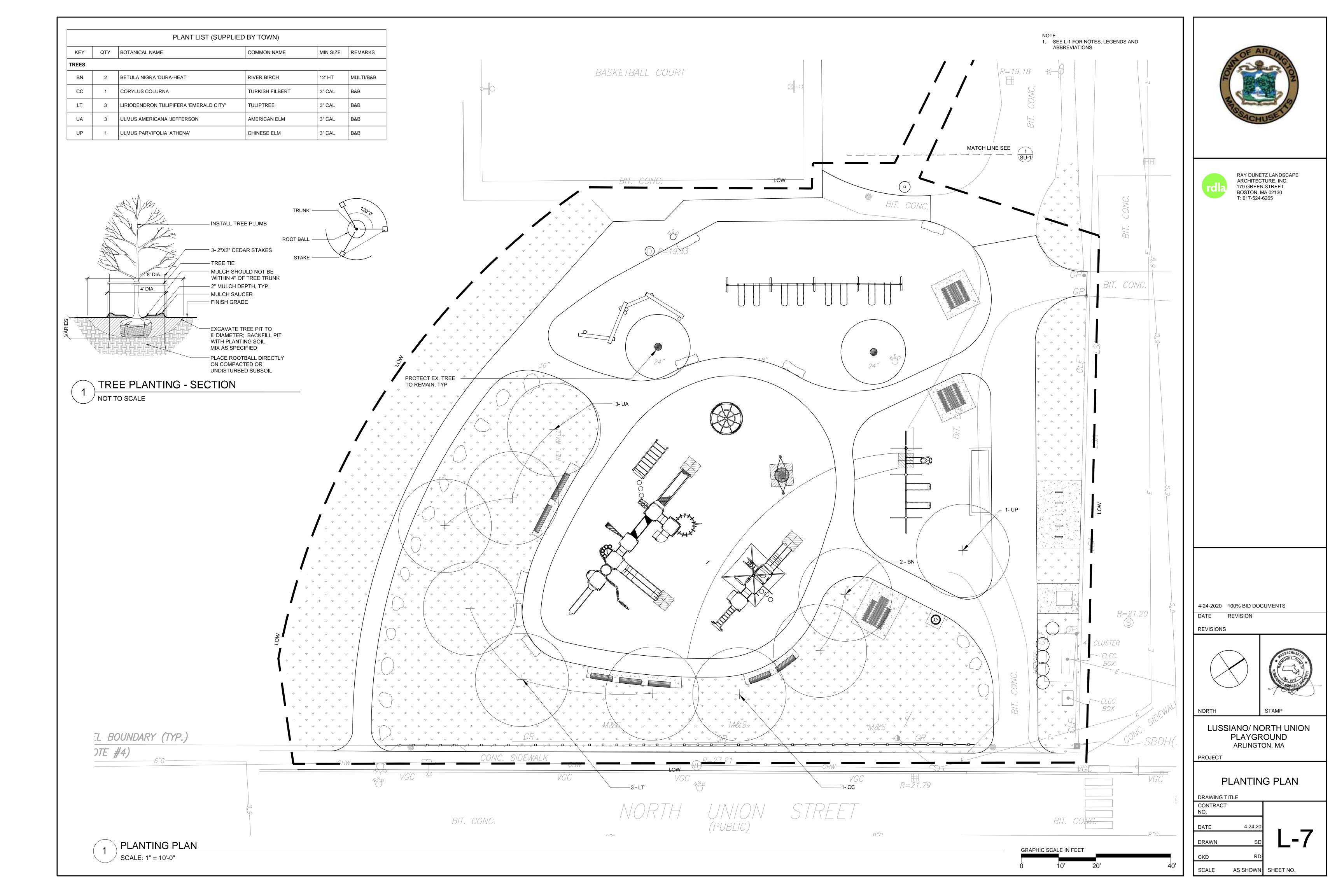


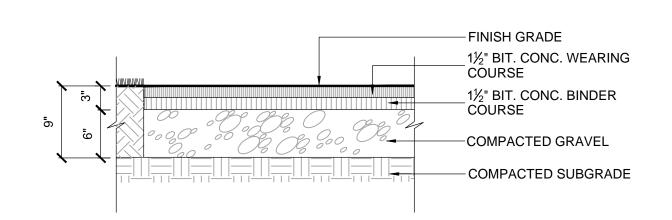




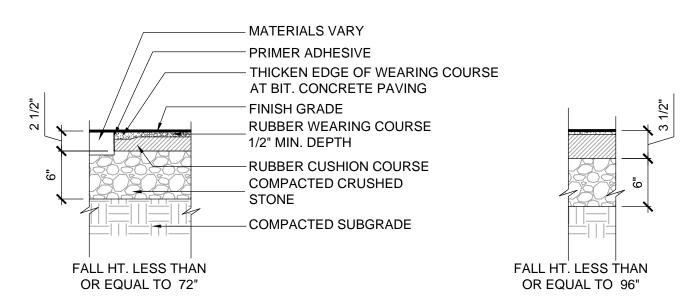








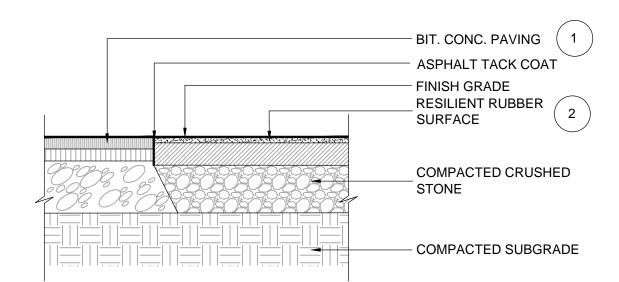
BITUMINOUS CONCRETE PAVING - SECTION



RESILIENT RUBBER SURFACE - SECTION

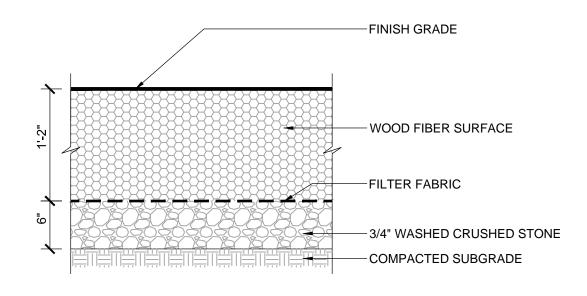
√ SCALE: 1" = 1'-0"

SCALE: 1" = 1'-0"



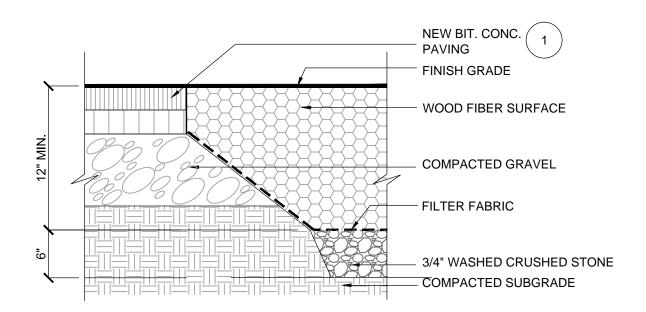
RUBBER SURFACE AT BIT.CONC. PAVING - SECTION

SCALE: 1" = 1'-0"



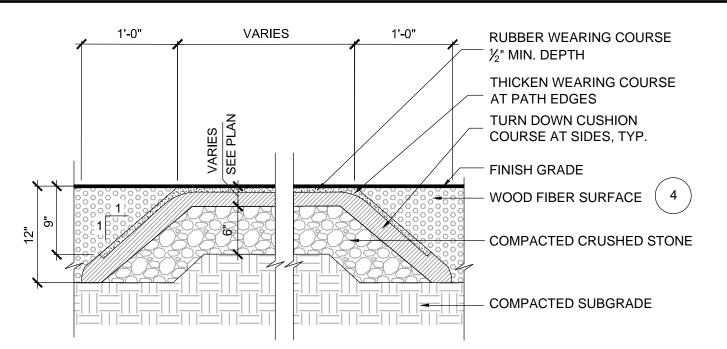
WOOD FIBER SURFACE - SECTION

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



WOOD FIBER SURFACE AT PAVING - SECTION

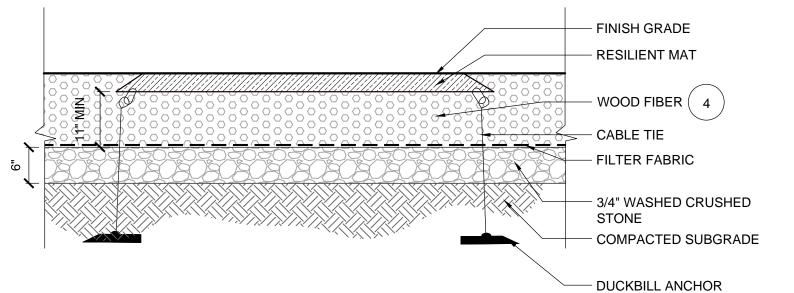
SCALE: 1 1/2" = 1'-0"



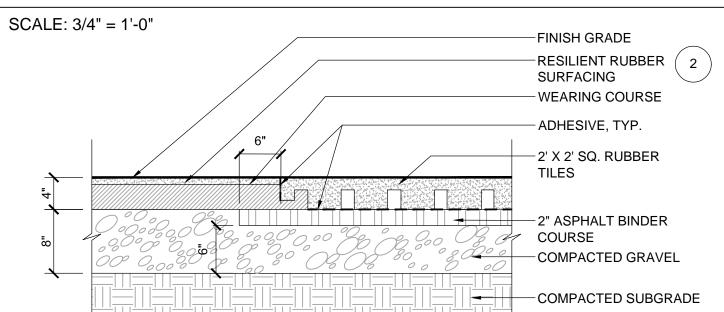
RESILIENT RUBBER SURFACE IN WOOD FIBER - SECTION SCALE: 1" = 1'-0"

VARIES - SURFACE MATERIAL VARIES -6X6 W2.9XW2.9 WWM - CONCRETE PAD -COMPACTED GRAVEL -COMPACTED SUBGRADE

CONCRETE PAD - SECTION SCALE: 1" = 1'-0" FINISH GRADE - RESILIENT MAT

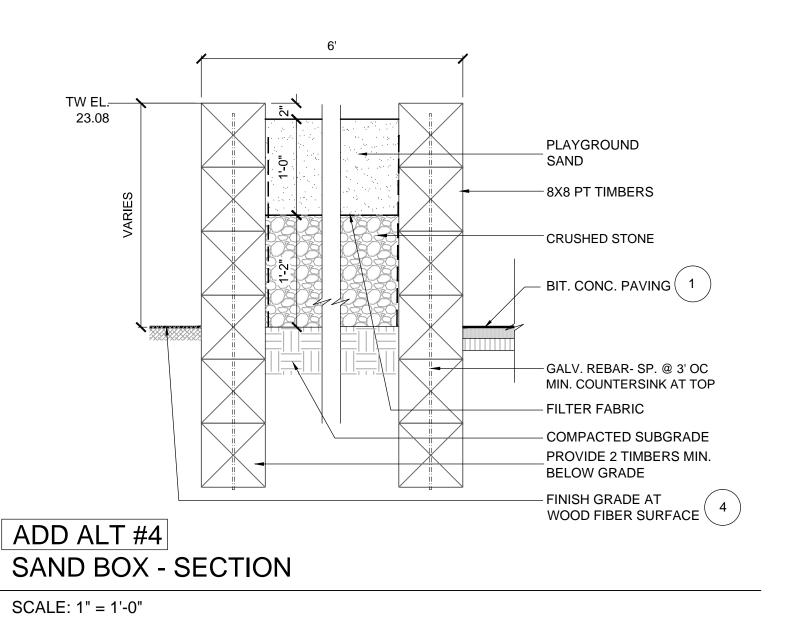


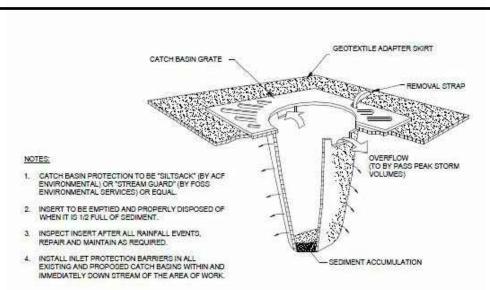
RESILIENT MAT - SECTION



RESILIENT TILE - SECTION

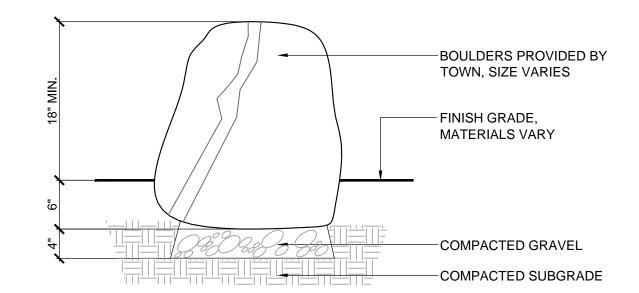
SCALE: 1" = 1'-0"





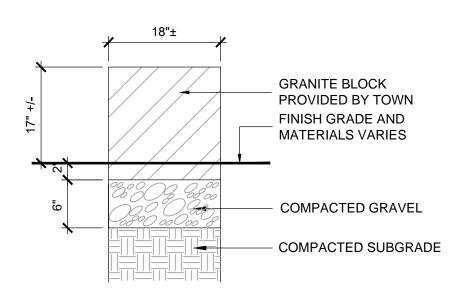
FILTER INSERT IN EXISTING CATCH BASIN

SCALE: 1" = 1'-0"



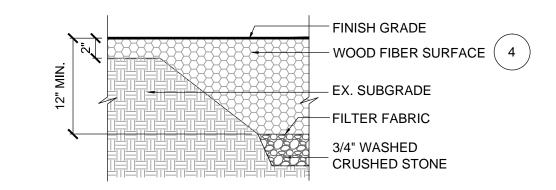
ADD ALT #7 **BOULDER - SECTION**

SCALE: 1" = 1'-0"



GRANITE BLOCK SEATS - SECTION

SCALE: 1" = 1'-0"

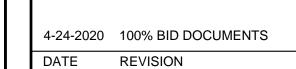


SHALLOW DEPTH WOOD FIBER SURFACE - SECTION

SCALE: 1" = 1'-0"







REVISIONS



LUSSIANO/ NORTH UNION PLAYGROUND

ARLINGTON, MA

AS SHOWN SHEET NO.

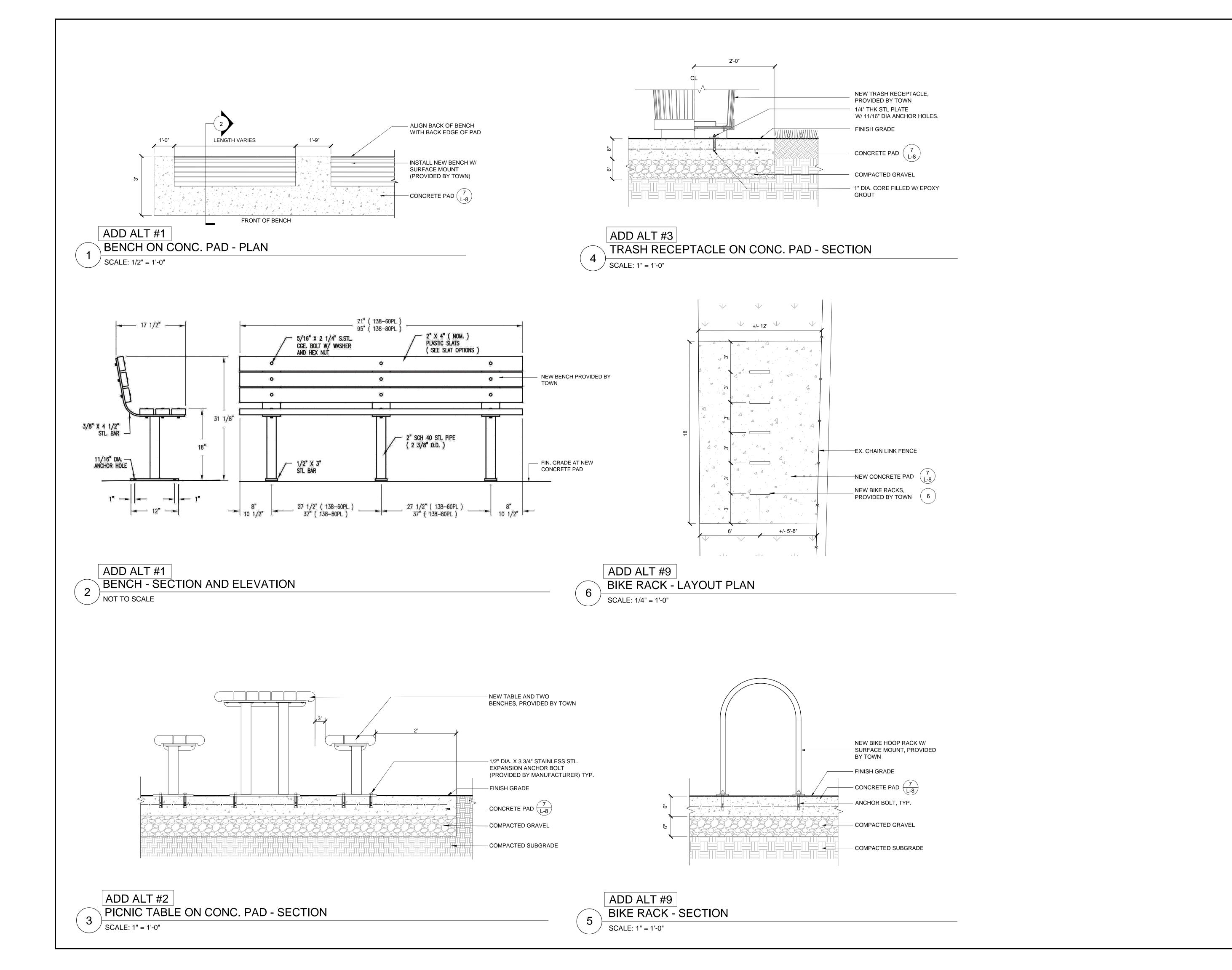
PROJECT

SCALE

NORTH

SITE DETAILS

DRAWING TITLE CONTRACT NO. 4.24.20 _-8 DRAWN CKD



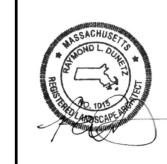




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REVISIONS

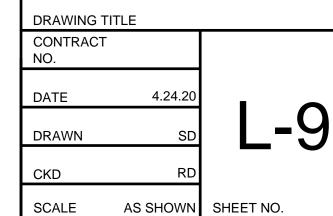


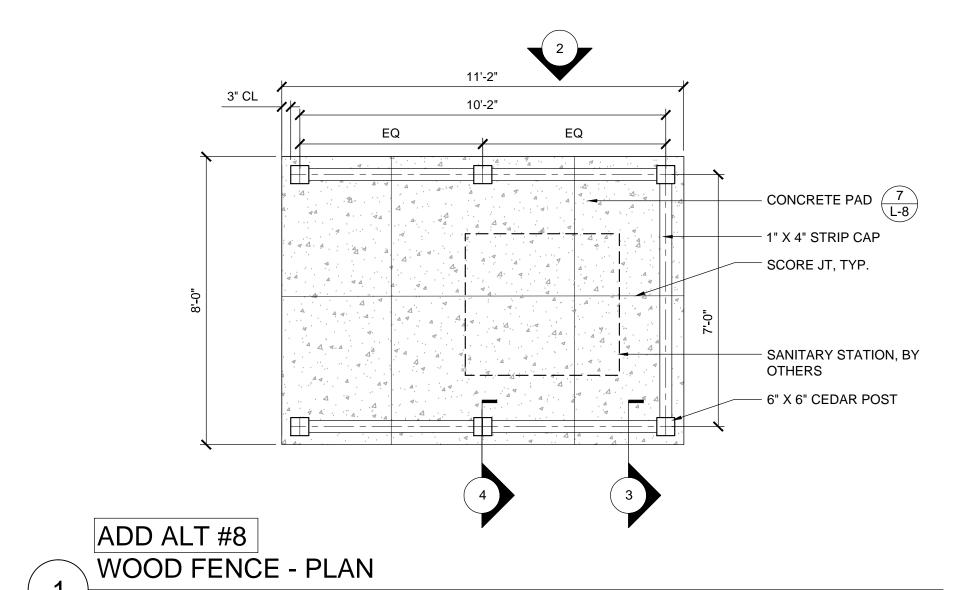
NORTH

LUSSIANO/ NORTH UNION PLAYGROUND ARLINGTON, MA

PROJECT

SITE DETAILS





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

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

— 1" X 4" STRIP CAP 8'-0" MAX. - 6 X 6 CEDAR POSTS W/ 1" CHAMFER @ TOPS - 4-1/2" X 1-1/2" TOP RAIL - 6" X 6" CEDAR POST − 3 5/8" X 1 1/2" MID RAIL, FRONT AND BACK - 3/4" X 3 5/8" CEDAR BOARDS W/ SHIPLAP JOINERY - CONC. PAD $\frac{7}{L-8}$ ---- 3 5/8" X 1 1/2" BOTTOM RAIL - FINISH GRADE VARIES CORE DRILL GALV. STL. ROD
 IN CONC. FOOTING AND EPOXY GROUT, TYP.

ADD ALT #8
WOOD FENCE - ELEVATION / SECTION

1" X 4" STRIP CAP
TOP RAIL

6" X 6" CEDAR POST

3/4" x 33/6" CEDAR
BOARDS

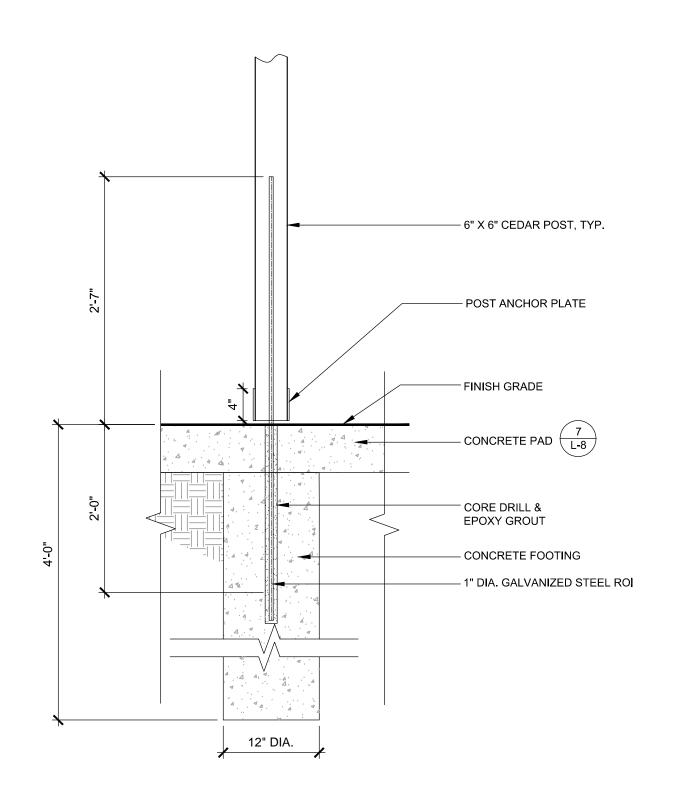
MID RAIL

FINISH GRADE

CONCRETE PAD

ADD ALT #8
WOOD FENCE - SECTION @ PANEL

3 SCALE: 1" = 1'-0"



ADD ALT #8

FENCE POST - SECTION

SCALE: 1" = 1'-0"

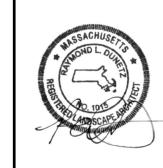




4-24-2020 100% BID DOCUMENTS

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REVISIONS



NORTH

LUSSIANO/ NORTH UNION PLAYGROUND ARLINGTON, MA

AS SHOWN SHEET NO.

PROJECT

SCALE

SITE DETAILS

DRAWING TITLE

CONTRACT
NO.

DATE 4.24.20

DRAWN SD

CKD RD

