



**OWNER**  
TOWN OF DEDHAM  
GREEN LODGE-OAKDALE SCHOOL  
147 CEDAR STREET  
DEDHAM, MA

**ARCHITECT**  
JONATHAN LEVI ARCHITECTS  
266 BEACON STREET, SUITE 3  
BOSTON, MA 02116

**OWNER'S PROJECT MANAGER**  
THE VERTEX COMPANIES, LLC  
ONE EDGEWATER DR., SUITE 204  
NORWOOD, MA 02062

**CODE**  
HOWE ENGINEERS  
101 LONGWATER CIRCLE, SUITE 203  
NORWELL, MA 02061

**SITE SURVEYOR**  
WELCH ASSOCIATES LAND SURVEYORS, INC.  
218 NORTH MAIN STREET  
WEST BRIDGEWATER, MA 02379

**CIVIL ENGINEER**  
CDW CONSULTANTS, INC.  
6 HURON DRIVE  
NATICK, MA 01760

**HAZARDOUS MATERIALS ENGINEER**  
UNIVERSAL ENVIRONMENTAL CONSULTANTS  
12 BREWSTER ROAD  
FRAMINGHAM, MA

**GEOTECHNICAL ENGINEER**  
RELIANCE ENGINEERS  
30 YARMOUTH ROAD  
GEO-ENVIRONMENTAL ENGINEER  
CDW CONSULTANTS, INC.  
4 CALIFORNIA AVE.  
FRAMINGHAM, MA 01701

**LANDSCAPE ARCHITECT**  
HALVORSON / TIGH & BOND STUDIO  
25 KINGSTON STREET, 5TH FLOOR  
BOSTON, MA 02111

**STRUCTURAL ENGINEER**  
LeMESSURIER  
1380 SOLDIERS FIELD ROAD  
BOSTON, MA 02135

**FIRE PROTECTION, PLUMBING ENGINEER**  
AKAL ENGINEERING  
44 CENTRAL STREET  
BERLIN, MA 01503

**HVAC, ELECTRICAL & TECHNOLOGY ENGINEER**  
GARCIA GALUSKA DESOUSA ENGINEERS  
375 FAUNCE CORNER ROAD, SUITE D  
DARTMOUTH, MA 02747

**FOOD SERVICE**  
CRABTREE McGRATH ASSOCIATES, INC.  
161 WEST MAIN STREET  
GEORGETOWN, MA 01853

**SUSTAINABLE DESIGN**  
THE GREEN ENGINEER  
23 BRADFORD STREET  
CONCORD, MA 01742



**Town of Dedham, MA**  
**PROJECT #2203**

**Oakdale Elementary School**  
**Dedham, MA**

**DRAWING LIST**

EXISTING CONDITIONS	
EC1	SURVEY
EC2	SURVEY - SHEET 2
EC3	SURVEY - SHEET 3
EC4	SURVEY - SHEET 4
CIVIL	
CO1	DEMOLITION AND EROSION CONTROL PLAN
CO2	LAYOUT AND MATERIALS PLAN
CO3	DRAINAGE AND UTILITIES PLAN
CO4	CONSTRUCTION DETAILS
CO5	CONSTRUCTION DETAILS
CO6	CONSTRUCTION DETAILS
CO7	CONSTRUCTION DETAILS
CO8	CONSTRUCTION DETAILS
LANDSCAPE	
L2.1	LANDSCAPE MATERIAL PLAN
L2.2	LANDSCAPE MATERIAL PLAN
L4.1	LANDSCAPE GRADING PLAN
L4.2	LANDSCAPE GRADING PLAN
L6.1	LANDSCAPE DETAILS
L6.2	LANDSCAPE DETAILS
L6.3	LANDSCAPE DETAILS
L6.4	LANDSCAPE DETAILS
L6.5	LANDSCAPE DETAILS
ARCHITECTURE	
A100	PLAN - FLOOR 0
A100A	PLAN - FLOOR 0-A
A101	PLAN - FLOOR 1 - OVERALL
A101A	PLAN - FLOOR 1-A
A101B	PLAN - FLOOR 1-B
A101C	PLAN - FLOOR 1-C & D
A102	PLAN - FLOOR 2 - OVERALL
A102A	PLAN - FLOOR 2-A
A102B	PLAN - FLOOR 2-B
A102C	PLAN - FLOOR 2-C & D
A103	PLAN - ROOF - OVERALL
A103A	PLAN - ROOF - A
A103B	PLAN - ROOF - B
A103C	PLAN - ROOF - C & D
A200	EXTERIOR 3D VIEWS
A201	BUILDING ELEVATIONS
A300	BUILDING SECTIONS
A410	ENLARGED PLAN & INTERIOR ELEVATIONS - TYP CLASSROOM
A411	ENLARGED PLAN & INTERIOR ELEVATIONS - TYP SCIENCE ROOM
A401	PLAN - FLOOR 1 - OVERALL - ALTERNATE 1
A402	PLAN - FLOOR 1 - OVERALL - ALTERNATE 1

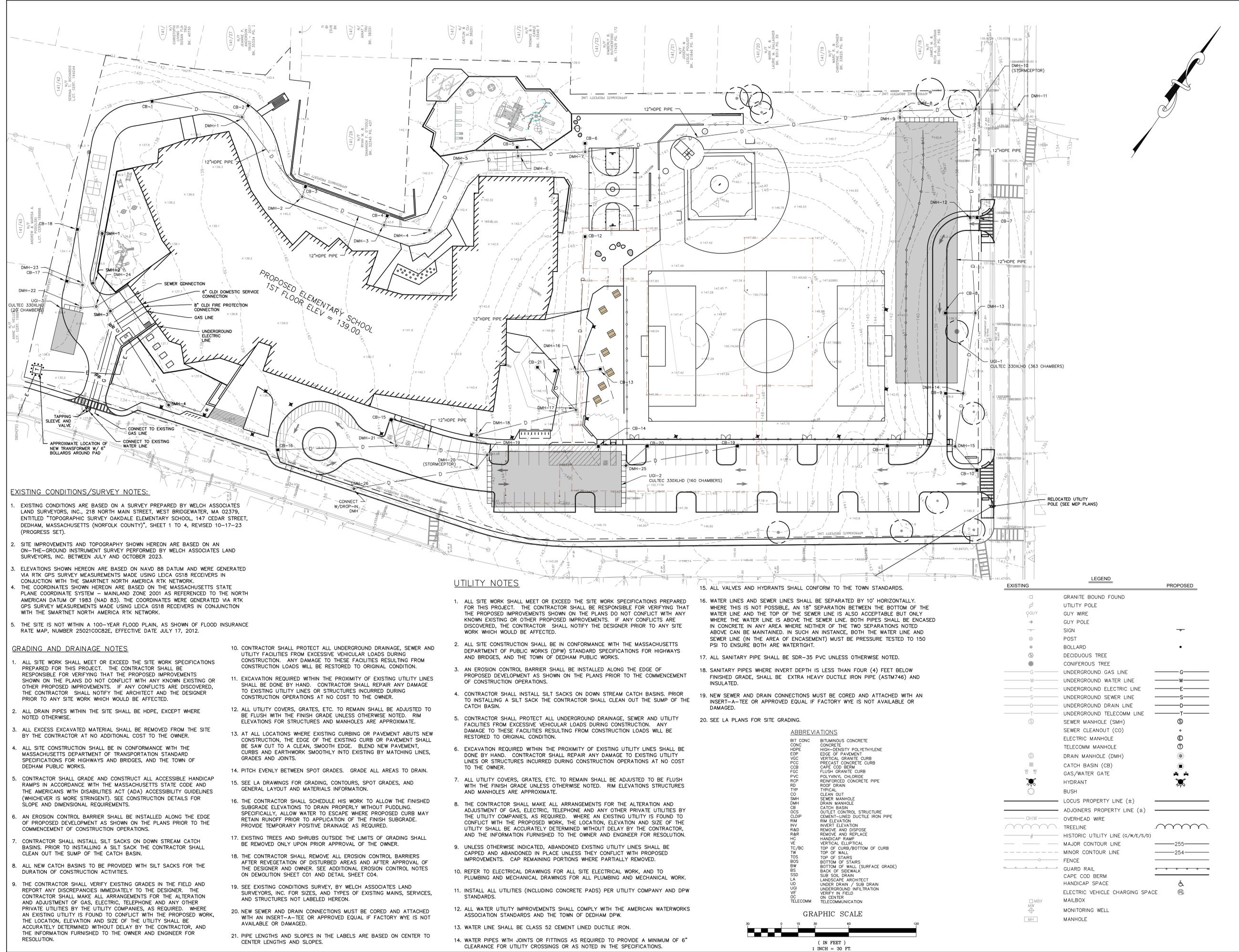
SCHEMATIC DESIGN - 100%

08/29/24





REVISIONS		
No.	Date	Description



**EXISTING CONDITIONS/SURVEY NOTES:**

- EXISTING CONDITIONS ARE BASED ON A SURVEY PREPARED BY WELCH ASSOCIATES LAND SURVEYORS, INC., 218 NORTH MAIN STREET, WEST BRIDGEWATER, MA 02379, ENTITLED "TOPOGRAPHIC SURVEY OAKDALE ELEMENTARY SCHOOL, 147 CEDAR STREET, DEDHAM, MASSACHUSETTS (NORFOLK COUNTY)", SHEET 1 TO 4, REVISED 10-17-23 (PROGRESS SET).
- SITE IMPROVEMENTS AND TOPOGRAPHY SHOWN HEREON ARE BASED ON AN ON-THE-GROUND INSTRUMENT SURVEY PERFORMED BY WELCH ASSOCIATES LAND SURVEYORS, INC. BETWEEN JULY AND OCTOBER 2023.
- ELEVATIONS SHOWN HEREON ARE BASED ON NAVD 88 DATUM AND WERE GENERATED VIA RTK GPS SURVEY MEASUREMENTS MADE USING LEICA GS18 RECEIVERS IN CONJUNCTION WITH THE SMARTNET NORTH AMERICA RTK NETWORK.
- THE COORDINATES SHOWN HEREON ARE BASED ON THE MASSACHUSETTS STATE PLANE COORDINATE SYSTEM - MAINLAND ZONE 2001 AS REFERENCED TO THE NORTH AMERICAN DATUM OF 1983 (NAD 83). THE COORDINATES WERE GENERATED VIA RTK GPS SURVEY MEASUREMENTS MADE USING LEICA GS18 RECEIVERS IN CONJUNCTION WITH THE SMARTNET NORTH AMERICA RTK NETWORK.
- THE SITE IS NOT WITHIN A 100-YEAR FLOOD PLAIN, AS SHOWN OF FLOOD INSURANCE RATE MAP, NUMBER 25021C0C82E, EFFECTIVE DATE JULY 17, 2012.

**GRADING AND DRAINAGE NOTES:**

- ALL SITE WORK SHALL MEET OR EXCEED THE SITE WORK SPECIFICATIONS PREPARED FOR THIS PROJECT. THE CONTRACTOR SHALL BE RESPONSIBLE FOR VERIFYING THAT THE PROPOSED IMPROVEMENTS SHOWN ON THE PLANS DO NOT CONFLICT WITH ANY KNOWN EXISTING OR OTHER PROPOSED IMPROVEMENTS. IF ANY CONFLICTS ARE DISCOVERED, THE CONTRACTOR SHALL NOTIFY THE ARCHITECT AND THE DESIGNER PRIOR TO ANY SITE WORK WHICH WOULD BE AFFECTED.
- ALL DRAIN PIPES WITHIN THE SITE SHALL BE HDPE, EXCEPT WHERE NOTED OTHERWISE.
- ALL EXCESS EXCAVATED MATERIAL SHALL BE REMOVED FROM THE SITE BY THE CONTRACTOR AT NO ADDITIONAL COST TO THE OWNER.
- ALL SITE CONSTRUCTION SHALL BE IN CONFORMANCE WITH THE MASSACHUSETTS DEPARTMENT OF TRANSPORTATION STANDARD SPECIFICATIONS FOR HIGHWAYS AND BRIDGES, AND THE TOWN OF DEDHAM PUBLIC WORKS.
- CONTRACTOR SHALL GRADE AND CONSTRUCT ALL ACCESSIBLE HANDICAP RAMPS IN ACCORDANCE WITH THE MASSACHUSETTS STATE CODE AND THE AMERICANS WITH DISABILITIES ACT (ADA) ACCESSIBILITY GUIDELINES (WHICHEVER IS MORE STRINGENT). SEE CONSTRUCTION DETAILS FOR SLOPE AND DIMENSIONAL REQUIREMENTS.
- AN EROSION CONTROL BARRIER SHALL BE INSTALLED ALONG THE EDGE OF PROPOSED DEVELOPMENT AS SHOWN ON THE PLANS PRIOR TO THE COMMENCEMENT OF CONSTRUCTION OPERATIONS.
- CONTRACTOR SHALL INSTALL SILT SACKS ON DOWN STREAM CATCH BASINS. PRIOR TO INSTALLING A SILT SACK THE CONTRACTOR SHALL CLEAN OUT THE SUMP OF THE CATCH BASIN.
- ALL NEW CATCH BASINS TO BE PROVIDED WITH SILT SACKS FOR THE DURATION OF CONSTRUCTION ACTIVITIES.
- THE CONTRACTOR SHALL VERIFY EXISTING GRADES IN THE FIELD AND REPORT ANY DISCREPANCIES IMMEDIATELY TO THE DESIGNER. THE CONTRACTOR SHALL MAKE ALL ARRANGEMENTS FOR THE ALTERATION AND ADJUSTMENT OF GAS, ELECTRIC, TELEPHONE AND ANY OTHER PRIVATE UTILITIES BY THE UTILITY COMPANIES, AS REQUIRED. WHERE AN EXISTING UTILITY IS FOUND TO CONFLICT WITH THE PROPOSED WORK, THE LOCATION, ELEVATION AND SIZE OF THE UTILITY SHALL BE ACCURATELY DETERMINED WITHOUT DELAY BY THE CONTRACTOR, AND THE INFORMATION FURNISHED TO THE OWNER AND ENGINEER FOR RESOLUTION.

- CONTRACTOR SHALL PROTECT ALL UNDERGROUND DRAINAGE, SEWER AND UTILITY FACILITIES FROM EXCESSIVE VEHICULAR LOADS DURING CONSTRUCTION. ANY DAMAGE TO THESE FACILITIES RESULTING FROM CONSTRUCTION LOADS WILL BE RESTORED TO ORIGINAL CONDITION.
- EXCAVATION REQUIRED WITHIN THE PROXIMITY OF EXISTING UTILITY LINES SHALL BE DONE BY HAND. CONTRACTOR SHALL REPAIR ANY DAMAGE TO EXISTING UTILITY LINES OR STRUCTURES INCURRED DURING CONSTRUCTION OPERATIONS AT NO COST TO THE OWNER.
- ALL UTILITY COVERS, GRATES, ETC. TO REMAIN SHALL BE ADJUSTED TO BE FLUSH WITH THE FINISH GRADE UNLESS OTHERWISE NOTED. RIM ELEVATIONS FOR STRUCTURES AND MANHOLES ARE APPROXIMATE.
- AT ALL LOCATIONS WHERE EXISTING CURBING OR PAVEMENT ABUTS NEW CONSTRUCTION, THE EDGE OF THE EXISTING CURB OR PAVEMENT SHALL BE SAW CUT TO A CLEAN, SMOOTH EDGE. BLEND NEW PAVEMENT, CURBS AND EARTHWORK SMOOTHLY INTO EXISTING BY MATCHING LINES, GRADES AND JOINTS.
- PITCH EVENLY BETWEEN SPOT GRADES. GRADE ALL AREAS TO DRAIN.
- SEE LA DRAWINGS FOR GRADING, CONTOURS, SPOT GRADES, AND GENERAL LAYOUT AND MATERIALS INFORMATION.
- THE CONTRACTOR SHALL SCHEDULE HIS WORK TO ALLOW THE FINISHED SUBGRADE ELEVATIONS TO DRAIN PROPERLY WITHOUT PUDDING. SPECIFICALLY, ALLOW WATER TO ESCAPE WHERE PROPOSED CURB MAY RETAIN RUNOFF PRIOR TO APPLICATION OF THE FINISH SUBGRADE. PROVIDE TEMPORARY POSITIVE DRAINAGE AS REQUIRED.
- EXISTING TREES AND SHRUBS OUTSIDE THE LIMITS OF GRADING SHALL BE REMOVED ONLY UPON PRIOR APPROVAL OF THE OWNER.
- THE CONTRACTOR SHALL REMOVE ALL EROSION CONTROL BARRIERS AFTER REVEGETATION OF DISTURBED AREAS AND AFTER APPROVAL OF THE DESIGNER AND OWNER. SEE ADDITIONAL EROSION CONTROL NOTES ON DEMOLITION SHEET C01 AND DETAIL SHEET C04.
- SEE EXISTING CONDITIONS SURVEY, BY WELCH ASSOCIATES LAND SURVEYORS, INC. FOR SIZES, AND TYPES OF EXISTING MAINS, SERVICES, AND STRUCTURES NOT LABELED HEREON.
- NEW SEWER AND DRAIN CONNECTIONS MUST BE CORED AND ATTACHED WITH AN INSERT-A-TEE OR APPROVED EQUAL IF FACTORY WYE IS NOT AVAILABLE OR DAMAGED.
- PIPE LENGTHS AND SLOPES IN THE LABELS ARE BASED ON CENTER TO CENTER LENGTHS AND SLOPES.

**UTILITY NOTES:**

- ALL SITE WORK SHALL MEET OR EXCEED THE SITE WORK SPECIFICATIONS PREPARED FOR THIS PROJECT. THE CONTRACTOR SHALL BE RESPONSIBLE FOR VERIFYING THAT THE PROPOSED IMPROVEMENTS SHOWN ON THE PLANS DO NOT CONFLICT WITH ANY KNOWN EXISTING OR OTHER PROPOSED IMPROVEMENTS. IF ANY CONFLICTS ARE DISCOVERED, THE CONTRACTOR SHALL NOTIFY THE DESIGNER PRIOR TO ANY SITE WORK WHICH WOULD BE AFFECTED.
- ALL SITE CONSTRUCTION SHALL BE IN CONFORMANCE WITH THE MASSACHUSETTS DEPARTMENT OF PUBLIC WORKS (DPW) STANDARD SPECIFICATIONS FOR HIGHWAYS AND BRIDGES, AND THE TOWN OF DEDHAM PUBLIC WORKS.
- AN EROSION CONTROL BARRIER SHALL BE INSTALLED ALONG THE EDGE OF PROPOSED DEVELOPMENT AS SHOWN ON THE PLANS PRIOR TO THE COMMENCEMENT OF CONSTRUCTION OPERATIONS.
- CONTRACTOR SHALL INSTALL SILT SACKS ON DOWN STREAM CATCH BASINS. PRIOR TO INSTALLING A SILT SACK THE CONTRACTOR SHALL CLEAN OUT THE SUMP OF THE CATCH BASIN.
- CONTRACTOR SHALL PROTECT ALL UNDERGROUND DRAINAGE, SEWER AND UTILITY FACILITIES FROM EXCESSIVE VEHICULAR LOADS DURING CONSTRUCTION. ANY DAMAGE TO THESE FACILITIES RESULTING FROM CONSTRUCTION LOADS WILL BE RESTORED TO ORIGINAL CONDITION.
- EXCAVATION REQUIRED WITHIN THE PROXIMITY OF EXISTING UTILITY LINES SHALL BE DONE BY HAND. CONTRACTOR SHALL REPAIR ANY DAMAGE TO EXISTING UTILITY LINES OR STRUCTURES INCURRED DURING CONSTRUCTION OPERATIONS AT NO COST TO THE OWNER.
- ALL UTILITY COVERS, GRATES, ETC. TO REMAIN SHALL BE ADJUSTED TO BE FLUSH WITH THE FINISH GRADE UNLESS OTHERWISE NOTED. RIM ELEVATIONS STRUCTURES AND MANHOLES ARE APPROXIMATE.
- THE CONTRACTOR SHALL MAKE ALL ARRANGEMENTS FOR THE ALTERATION AND ADJUSTMENT OF GAS, ELECTRIC, TELEPHONE AND ANY OTHER PRIVATE UTILITIES BY THE UTILITY COMPANIES, AS REQUIRED. WHERE AN EXISTING UTILITY IS FOUND TO CONFLICT WITH THE PROPOSED WORK, THE LOCATION, ELEVATION AND SIZE OF THE UTILITY SHALL BE ACCURATELY DETERMINED WITHOUT DELAY BY THE CONTRACTOR, AND THE INFORMATION FURNISHED TO THE OWNER AND ENGINEER FOR RESOLUTION.
- UNLESS OTHERWISE INDICATED, ABANDONED EXISTING UTILITY LINES SHALL BE CAPPED AND ABANDONED IN PLACE UNLESS THEY CONFLICT WITH PROPOSED IMPROVEMENTS. CAP REMAINING PORTIONS WHERE PARTIALLY REMOVED.
- REFER TO ELECTRICAL DRAWINGS FOR ALL SITE ELECTRICAL WORK, AND TO PLUMBING AND MECHANICAL DRAWINGS FOR ALL PLUMBING AND MECHANICAL WORK.
- INSTALL ALL UTILITIES (INCLUDING CONCRETE PADS) PER UTILITY COMPANY AND DPW STANDARDS.
- ALL WATER UTILITY IMPROVEMENTS SHALL COMPLY WITH THE AMERICAN WATERWORKS ASSOCIATION STANDARDS AND THE TOWN OF DEDHAM DPW.
- WATER LINE SHALL BE CLASS 52 CEMENT LINED DUCTILE IRON.
- WATER PIPES WITH JOINTS OR FITTINGS AS REQUIRED TO PROVIDE A MINIMUM OF 6" CLEARANCE FOR UTILITY CROSSINGS OR AS NOTED IN THE SPECIFICATIONS.

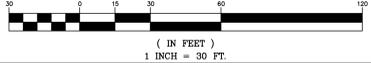
**UTILITY NOTES:**

- ALL VALVES AND HYDRANTS SHALL CONFORM TO THE TOWN STANDARDS.
- WATER LINES AND SEWER LINES SHALL BE SEPARATED BY 10' HORIZONTALLY. WHERE THIS IS NOT POSSIBLE, AN 18" SEPARATION BETWEEN THE BOTTOM OF THE WATER LINE AND THE TOP OF THE SEWER LINE IS ALSO ACCEPTABLE BUT ONLY WHERE THE WATER LINE IS ABOVE THE SEWER LINE. BOTH PIPES SHALL BE ENCASED IN CONCRETE IN ANY AREA WHERE NEITHER OF THE TWO SEPARATIONS NOTED ABOVE CAN BE MAINTAINED. IN SUCH AN INSTANCE, BOTH THE WATER LINE AND SEWER LINE (IN THE AREA OF ENCASEMENT) MUST BE PRESSURE TESTED TO 150 PSI TO ENSURE BOTH ARE WATERTIGHT.
- ALL SANITARY PIPE SHALL BE SDR-35 PVC UNLESS OTHERWISE NOTED.
- SANITARY PIPES WHERE INVERT DEPTH IS LESS THAN FOUR (4) FEET BELOW FINISHED GRADE, SHALL BE EXTRA HEAVY DUCTILE IRON PIPE (ASTM746) AND INSULATED.
- NEW SEWER AND DRAIN CONNECTIONS MUST BE CORED AND ATTACHED WITH AN INSERT-A-TEE OR APPROVED EQUAL IF FACTORY WYE IS NOT AVAILABLE OR DAMAGED.
- SEE LA PLANS FOR SITE GRADING.

**ABBREVIATIONS:**

BIT CONC	BITUMINOUS CONCRETE
CONC	CONCRETE
HDPE	HIGH-DENSITY POLYETHYLENE
EDP	EDGE OF PAVEMENT
VCC	VERTICAL GRANITE CURB
PCB	PREFRIGEST CONCRETE CURB
CCB	CAPE COD BERM
FGC	FLUSH GRANITE CURB
PVC	POLYVINYL CHLORIDE
RCP	REINFORCED CONCRETE PIPE
RD	ROAD
TYP	TYPICAL
CO	CLEAN OUT
SMH	SEWER MANHOLE
DMH	DRAIN MANHOLE
CB	CATCH BASIN
OCS	OUTLET CONTROL STRUCTURE
CLIP	CEMENT LINED DUCTILE IRON PIPE
RIM	RIM ELEVATION
INV	INVERT ELEVATION
R&D	REMOVE AND DISPOSE
R&R	REMOVE AND REPLACE
HC	HANDICAP RAMP
VE	VERTICAL ELLIPTICAL
TO/BC	TOP OF CURB/BOTTOM OF CURB
TW	TOP OF WALL
TOS	TOP OF STAIRS
BTM	BOTTOM OF STAIRS
BW	BACK OF WALL (SURFACE GRADE)
BS	BACK OF SIDEWALK
SSD	SUB SOIL DRAIN
LA	LANDSCAPE ARCHITECT
UD	UNDER DRAIN / SUB DRAIN
UGI	UNDERGROUND INFILTRATION
VF	VERIFY IN FIELD
OC	ON CENTER
TELECOMM	TELECOMMUNICATION

**GRAPHIC SCALE**



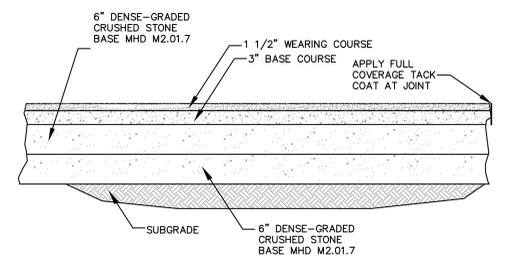
**LEGEND**

EXISTING	PROPOSED	
□	□	GRANITE BOUND FOUND
○	○	UTILITY POLE
○	○	GUY WIRE
○	○	GUY POLE
○	○	SIGN
○	○	POST
○	○	BOLLARD
○	○	DECIDUOUS TREE
○	○	CONIFEROUS TREE
—G—	—G—	UNDERGROUND GAS LINE
—W—	—W—	UNDERGROUND WATER LINE
—E—	—E—	UNDERGROUND ELECTRIC LINE
—S—	—S—	UNDERGROUND SEWER LINE
—D—	—D—	UNDERGROUND DRAIN LINE
—T—	—T—	UNDERGROUND TELECOMM LINE
⊙	⊙	SEWER MANHOLE (SMH)
⊙	⊙	SEWER CLEANOUT (CO)
⊙	⊙	ELECTRIC MANHOLE
⊙	⊙	TELECOMM MANHOLE
⊙	⊙	DRAIN MANHOLE (DMH)
⊙	⊙	CATCH BASIN (CB)
⊙	⊙	GAS/WATER GATE
⊙	⊙	HYDRANT
⊙	⊙	BUSH
—	—	LOCUS PROPERTY LINE (±)
—	—	ADJOINERS PROPERTY LINE (±)
—	—	OVERHEAD WIRE
—	—	TREELINE
—	—	HISTORIC UTILITY LINE (G/W/E/S/D)
—	—	MAJOR CONTOUR LINE
—	—	MINOR CONTOUR LINE
—	—	FENCE
—	—	GUARD RAIL
—	—	CAPE COD BERM
—	—	HANDICAP SPACE
—	—	ELECTRIC VEHICLE CHARGING SPACE
—	—	MAILBOX
—	—	MONITORING WELL
—	—	MANHOLE

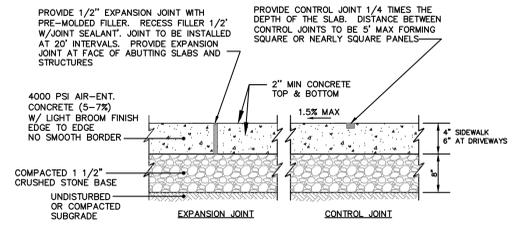




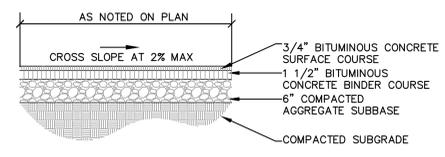
REVISIONS		
No.	Date	Description



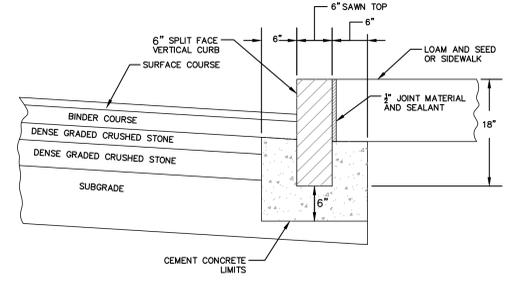
**1 BITUMINOUS CONCRETE PAVEMENT**  
(NOT TO SCALE)



**2 CONCRETE SIDEWALK**  
(NOT TO SCALE)



**3 BITUMINOUS CONCRETE SIDEWALK**  
(NOT TO SCALE)

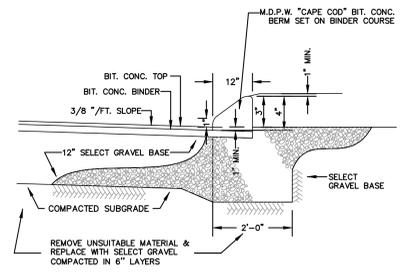


**4 VERTICAL GRANITE CURB**  
(NOT TO SCALE)

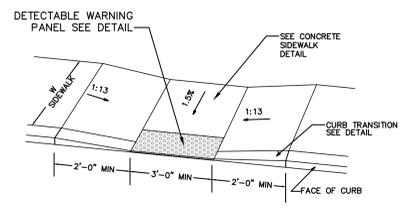
NOTE:  
TEMPORARY PAVEMENT AREAS MAY BE PAVED WITH A 2" BASE COURSE

1. MAXIMUM CROSS SLOPE = 1.5%
2. MAXIMUM GRADIENT = 5%
3. PROVIDE EXPANSION JOINT AT FACE OF ABUTTING SLABS, STRUCTURES, AND CURBS
4. PROVIDE CURBING AS SHOWN ON PLANS
5. SEE CITY OF FANTUCKET RI SIDEWALK SPECIFICATIONS FOR ADDITIONAL INFORMATION

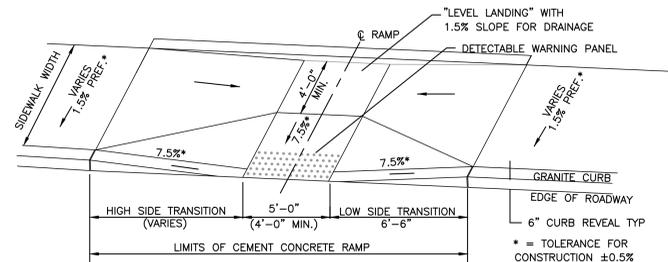
- NOTES:
1. CUT NEAT LINE 6" FROM CURB LINE AND REMOVE BASE AND SUBGRADE, REPLACE WITH CEMENT CONCRETE. COVER WITH BINDER AND TOP COURSE TO CURB.
  2. 3000 PSI CEMENT CONCRETE MAY BE USED. BITUMINOUS CONCRETE SHALL NOT BE USED AS A SUBSTITUTE.



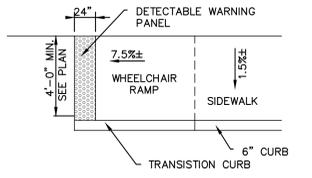
**5 CAPE COD BERM**  
(NOT TO SCALE)



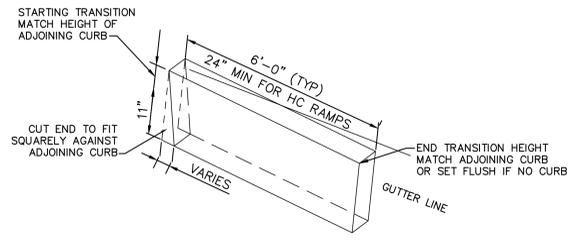
**7 HANDICAP ACCESSIBLE RAMP (TYPE A)**  
(NOT TO SCALE)



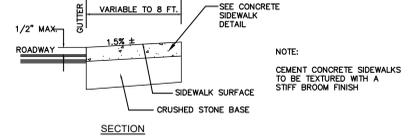
**8 HANDICAP ACCESSIBLE RAMP (TYPE B)**  
(NOT TO SCALE)



**9 HANDICAP ACCESSIBLE RAMP (TYPE C)**  
(NOT TO SCALE)



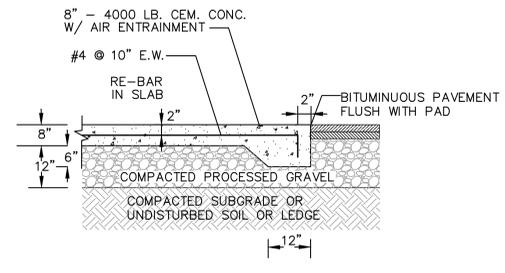
**6 TRANSITION CURB DETAIL**  
(NOT TO SCALE)



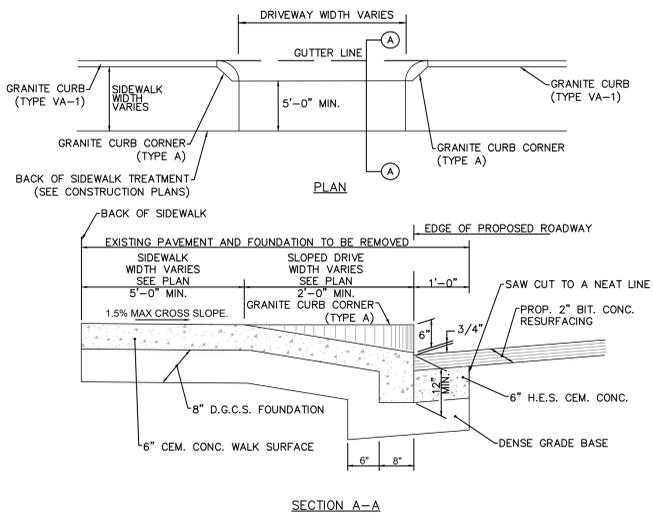
**7 HANDICAP ACCESSIBLE RAMP (TYPE A)**  
(NOT TO SCALE)

- NOTES:
1. CEMENT CONCRETE SIDEWALKS TO BE TEXTURED WITH A STIFF BROOM FINISH
  2. SIDEWALK ORIENTATION MAY VARY. SEE PLANS.
  3. PROVIDE RETURNED CURBS WHERE SHOWN ON PLANS.

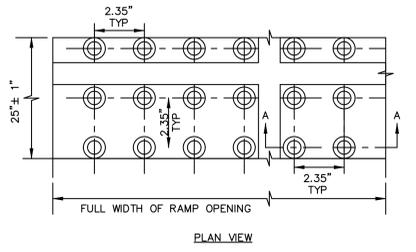
- NOTE:  
FOR DETECTABLE WARNING PANEL DETAIL SEE



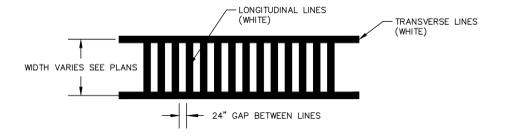
**10 CONCRETE DUMPSTER PAD**  
(NOT TO SCALE)



**11 TYPICAL DRIVEWAY AT SIDEWALK**  
(NOT TO SCALE)



**12 DETECTABLE WARNING PANEL**  
(NOT TO SCALE)



**PAVEMENT MARKING - FAST DRYING WATER-BORNE OR OTHER TRAFFIC PAINT**

- NOTES:
1. CROSSWALK MARKINGS SHALL CONSIST OF SOLID WHITE (AS INDICATED) LINES (BOTH TRANSVERSE AND LONGITUDINAL) 12 INCHES IN WIDTH.
  2. SEE PLANS FOR CROSSWALK WIDTH.
  3. LONGITUDINAL LINES SHALL BE SPACED 24" APART FOR ALL NEW CROSSWALKS. EXISTING CROSSWALK REPAIRS SHALL MATCH EXISTING SPACING.
  4. CROSSWALK LINES SHALL EXTEND ACROSS THE FULL WIDTH OF PAVEMENT OR TO THE EDGE OF THE INTERSECTING CROSSWALK.
  5. CROSSWALKS SHALL BE MARKED AT ALL INTERSECTIONS WHERE THERE IS SUBSTANTIAL CONFLICT BETWEEN VEHICULAR AND PEDESTRIAN MOVEMENT.

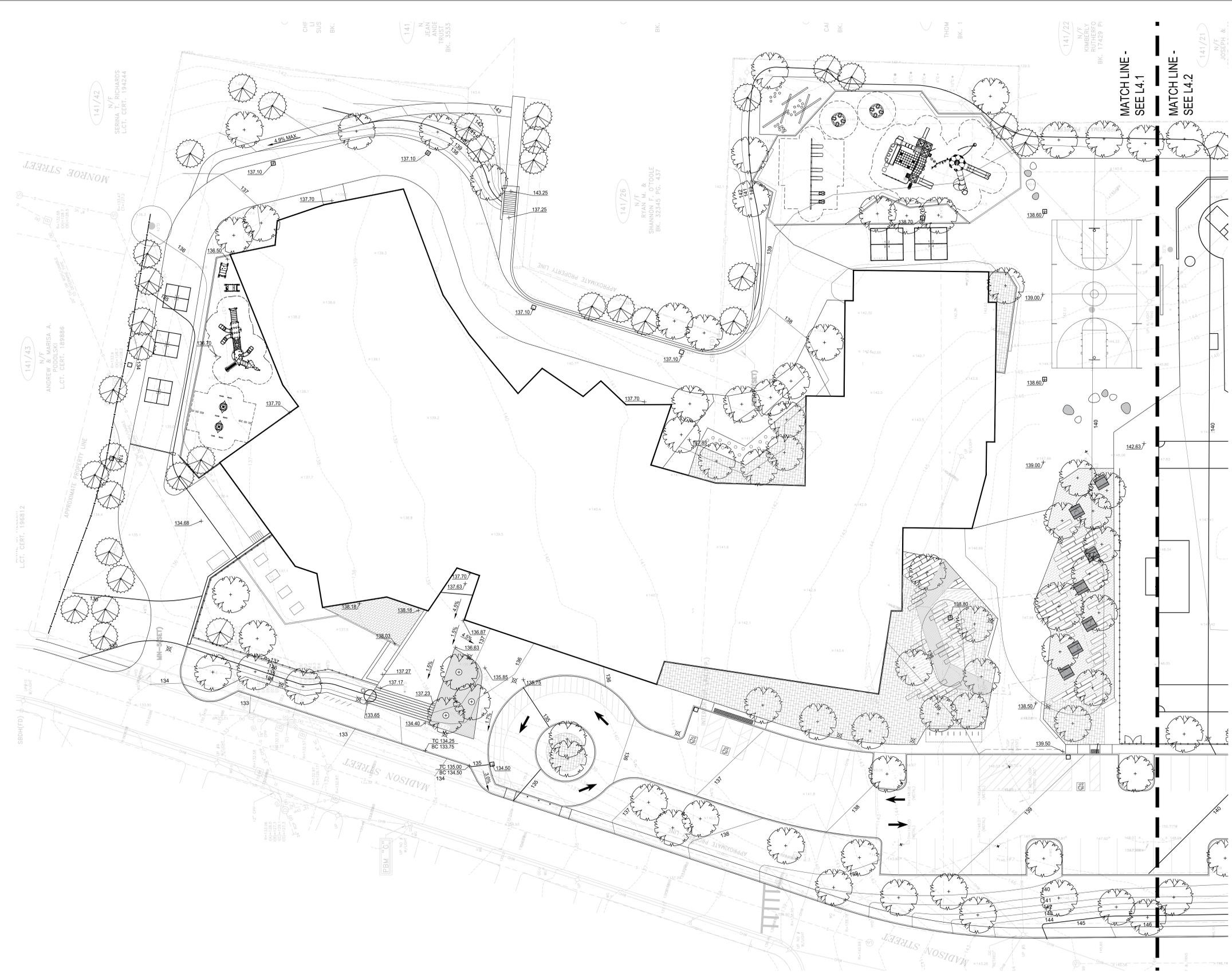
**13 CROSSWALK DETAIL**  
(NOT TO SCALE)











**GRADING LEGEND**

SYMBOL	DESCRIPTION
—	EXISTING CONTOUR
—15—	PROPOSED CONTOUR
(XX.XX)	EXISTING SPOT ELEVATION
*	PROPOSED SPOT ELEVATION
RIM	TOP OF DRAINAGE INLET
HP	HIGH POINT
EX	EXISTING GRADE TO REMAIN
FFE	FINISH FLOOR ELEVATION
TW	TOP OF WALL ELEVATION
BW	BOTTOM OF WALL ELEVATION
TC	TOP OF CURB ELEVATION
BC	BOTTOM OF CURB ELEVATION
TS	TOP OF STEP ELEVATION
BS	BOTTOM OF STEP ELEVATION
TR	TOP OF RAMP ELEVATION
BR	BOTTOM OF RAMP ELEVATION

**GRADING NOTES:**

- EXISTING CONDITIONS SURVEY (DATED: X XX, 20XX) WAS PROVIDED BY (NAME OF SURVEYOR), (FULL ADDRESS OF SURVEYOR).
- REVIEW DRAWINGS TO DETERMINE THE TOTAL SCOPE AND COORDINATION OF WORK. EMPLOY A LICENSED SURVEYOR OR REGISTERED CIVIL ENGINEER TO VERIFY AND LAYOUT GRADES, LINES AND DIMENSIONS SHOWN ON DRAWINGS. VERIFY EXISTING GRADES AND ELEVATIONS OF ADJACENT SITE CONDITIONS WITH ELEVATIONS ON DRAWINGS PRIOR TO BEGINNING WORK. IT IS THE RESPONSIBILITY OF THE CONTRACTOR TO REPORT DISCREPANCIES TO THE OWNER'S REPRESENTATIVE IMMEDIATELY AND RECEIVE WRITTEN INSTRUCTIONS PRIOR TO PROCEEDING WITH CONSTRUCTION.
- USE ONE SINGLE BENCHMARK FOR WORK.
- GRADE EVENLY BETWEEN SPOT GRADES AS NOTED.
- THE CONTRACTOR SHALL VERIFY EXISTING UTILITY LOCATIONS PRIOR TO EXCAVATION OF ANY TYPE.
- EXCAVATE BY HAND IN CLOSE PROXIMITY TO EXISTING UTILITIES, STRUCTURES AND ITEMS TO REMAIN, INCLUDING TREES.
- RIM ELEVATIONS OF ANY NEW / EXISTING DRAINAGE AND UTILITY STRUCTURES SHALL BE FLUSH WITH FINAL SURROUNDING GRADES SO NOT TO CAUSE A TRIP EDGE.
- FINAL SHAPING OF EARTHWORK SHALL BE APPROVED IN THE FIELD BY THE LANDSCAPE ARCHITECT AND OWNER. LANDSCAPE ARCHITECT TO REVIEW AND APPROVE ROUGH GRADING BEFORE THE CONTRACTOR COMMENCES FINE GRADING AND LAYING OF TOPSOIL.
- PITCH PAVEMENT TO PROVIDE POSITIVE DRAINAGE.
- PAVEMENT CROSS PITCH SHALL NOT BE GREATER THAN 1.0% OR LESS THAN 0.50%.

**LEGEND**

SYM.	DESCRIPTION
---	PROPERTY LINE
---	LIMIT OF WORK LINE
---	LIMIT OF SBSS

REVISIONS

No.	Date	Description

























































