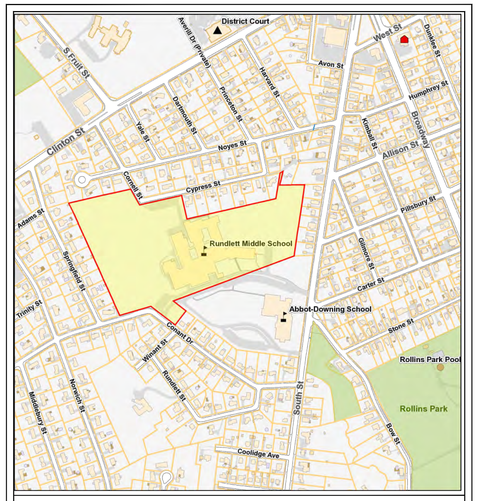
CONCORD MIDDLE SCHOOL

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CONCORD, NH

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RSF - LACONIA, NH



LOCATION MAP
NORTH
0 1000' 2000'
GRAPHIC SCALE
1 INCH = 1,000 FEET



VICINITY MAP
USGS TOPOGRAPHIC MAP
CONCORD, NH
2018
NORTH
0 2000' 4000'
GRAPHIC SCALE
1 INCH = 2,000 FEET

DECEMBER 17, 2025
FOR SITE PLAN REVIEW

PLANNING BOARD APPROVAL

APPROVED BY CITY OF CONCORD, NH PLANNING BOARD

ON _____
DATE

_____
CONCORD PLANNING BOARD CHAIR DATE

_____
CONCORD PLANNING BOARD CLERK DATE

nobis
Nobis Group
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Concord, NH 03301
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NOBIS PROJECT NO. 100628.040

J:\100628.040 Concord Middle School HMFH Architects 144 South St, Concord, NH\CAD\DWG\100628.040--C--001--COVER.dwg 12/18/2025 9:45 AM

LEGEND

EXISTING	PROPOSED	
		SUBJECT PROPERTY LINE
		OTHER PROPERTY LINE
		SETBACKS
		EASEMENT
		STONE WALL
		RETAINING WALL
		EDGE OF WETLAND
		STREAM / RIVER
		TREE LINE
		CHAIN LINK FENCE
		STOCKADE FENCE
		GUARDRAIL (STEEL)
		GUARDRAIL (WOOD)
		CENTERLINE
× 100.0	× 100.0	SPOT GRADE
× 100.0 100.5	× 100.0 100.5	CURB SPOT GRADE
		EDGE OF PAVEMENT
SGC	SGC	SLOPED GRANITE CURB
VGC	VGC	VERTICAL GRANITE CURB
VCC	VCC	VERTICAL CONCRETE CURB
BCC	BCC	BITUMINOUS CONCRETE CURB
CC	CC	CONCRETE CURB
CCB	CCB	CAPE COD BERM
TD	TD	TIP DOWN
100	100	MAJOR CONTOUR
98	98	MINOR CONTOUR
D	D	DRAIN LINE
RD	RD	ROOF DRAIN
UD	UD	UNDER DRAIN
FD	FD	FOUNDATION DRAIN
		SWALE FLOW DIRECTION
X	X	SILT FENCE / WATTLE
OHW	OHW	OVERHEAD UTILITY WIRE
UGE	UGE	UNDERGROUND ELECTRIC
T	T	UNDERGROUND TELECOM
S	S	SANITARY SEWER LINE
SS	SS	SANITARY SEWER SERVICE
FM	FM	SANITARY SEWER FORCE MAIN
W	W	WATER LINE
WS	WS	WATER SERVICE
G	G	GAS LINE
ST	ST	STEAM LINE
FO	FO	FIBER OPTIC LINE
		ZONING BOUNDARY LINE
		FLOOD ZONE LINE

EXISTING	PROPOSED	
	D	DRAIN MANHOLE
		AREA DRAIN
		CATCH BASIN
		UTILITY POLE
	T	PAD MOUNTED TRANSFORMER
	S	SANITARY SEWER MANHOLE
	CO	SANITARY SEWER CLEAN-OUT
		HYDRANT
	WV	WATER VALVE
		WATER SHUT OFF
	W	WATER SUPPLY WELL
	GS	GAS SHUT OFF
GM	GM	GAS METER
× 100.0	× 100.0	SPOT GRADE
× 100.0 100.5	× 100.0 100.5	CURB SPOT GRADE
		SIGN POST
		LIGHT POLE
		TREE
		CONCRETE
		GRAVEL
		RIP RAP
		WETLAND
		WETLAND IMPACT
		FLOW DIRECTION
		STONE CHECK DAM
		INLET PROTECTION
	2%	SLOPE & DIRECTION
TP		TEST PIT LOCATION
B		BORING LOCATION
MW		MONITORING WELL LOCATION
PC		PERC. TEST LOCATION
1		PHOTO LOCATION / DIRECTION
Ⓜ	Ⓜ	MANHOLE
Ⓣ	Ⓣ	TELECOM MANHOLE
Ⓔ	Ⓔ	ELECTRIC MANHOLE
		STEEP SLOPE
x x x x x	x x x x x	CHAINLINK FENCE
		LIMIT OF WORK
		UTILITY TO BE REMOVED
		BUILDING TO BE REMOVED
		PAVEMENT TO BE REMOVED
SF	SF	SILT FENCE
		TUBULAR BARRIER

GENERAL NOTES:

1. EXISTING CONDITIONS, TOPOGRAPHICAL INFORMATION, NORTH ORIENTATION, NORTH ARROW, AND COORDINATE VALUES DEPICTED ON THESE DRAWINGS ARE BASED ON PLANS TITLED "EXISTING CONDTIONS PLAT OF LAND OF CONCORD UNION SCHOOL DISTRICT", DATED APRIL 7, 2025, BY RICHARD D. BARTLETT & ASSOCIATES, LLC.
2. THESE DRAWINGS AND ACCOMPANYING TEXT HAVE BEEN PREPARED FOR SITE PLAN REVIEW, FOR REVIEW BY THE CITY OF CONCORD PLANNING BOARD, CODE ENFORCEMENT, GENERAL SERVICES, POLICE, AND FIRE DEPARTMENTS.
3. THE CONTRACTOR SHALL OBTAIN COVERAGE UNDER EPA NPDES GENERAL PERMIT FOR STORM WATER DISCHARGES FOR CONSTRUCTION ACTIVITIES PRIOR TO THE START OF CONSTRUCTION. THE CONTRACTOR SHALL BE RESPONSIBLE FOR PROVIDING AND IMPLEMENTING AN ENVIRONMENTAL PROTECTION AGENCY (EPA) STORM WATER POLLUTION PREVENTION PLAN PRIOR TO THE START OF CONSTRUCTION AND DURING CONSTRUCTION ON-SITE IN ACCORDANCE WITH THE EPA REGULATIONS UNDER THE CLEAN WATER ACT.
4. ANY DAMAGE TO PRIVATE OR PUBLIC PROPERTIES DUE TO THE CONTRACTOR'S ACTIVITIES SHALL BE REPAIRED AND RESTORED BY THE CONTRACTOR AT THEIR OWN EXPENSE.
5. ALL PROPERTY MARKERS AND STREET LINE MONUMENTS SHALL BE PROPERLY PROTECTED DURING CONSTRUCTION. ANY DAMAGE TO THESE ITEMS SHALL BE REPAIRED AND RESTORED BY A SURVEYOR REGISTERED IN THE STATE OF NEW HAMPSHIRE AT THE CONTRACTOR'S EXPENSE.

CONSTRUCTION SEQUENCE:

1. CONSTRUCT TEMPORARY EROSION AND SEDIMENT CONTROL MEASURES PRIOR TO ANY EARTH MOVING OPERATIONS. INSPECT EROSION AND SEDIMENT CONTROL MEASURES WEEKLY AND WITHIN 24 HOURS OF ANY SIGNIFICANT RAINFALL EVENT (1/2" OF RAIN OR MORE). PERFORM ANY NEEDED MAINTENANCE AND STABILIZATION AS NEEDED.
2. DISTURBANCES OF AREAS SHALL BE MINIMIZED. NO DISTURBED AREA SHALL BE LEFT UNSTABILIZED FOR LONGER THAN TWO WEEKS DURING THE GROWING SEASON. AREAS WHICH WILL NOT BE PERMANENTLY SEEDED WITHIN TWO WEEKS OF DISTURBANCE SHALL BE TEMPORARILY SEEDED AND MULCHED. ALL AREAS SHALL BE STABILIZED WITH SEED MULCH AND TACKIFIER WITHIN 72 HOURS OF ACHIEVING FINISHED GRADE AND PRIOR TO THE END OF THE GROWING SEASON.
3. PERFORM DEMOLITION OF EXISTING SITE FEATURES AS SHOWN ON DEMOLITION PLAN.
4. PERFORM CLEARING AND GRUBBING TO LIMITS SHOWN ON DEMOLITION PLAN.
5. EXCAVATE AND GRADE, THEN INSTALL LOAM, SEED, AND EROSION CONTROL MATTING TO STABILIZE DETENTION POND AND TREATMENT SWALES.
6. REMOVE AND TEMPORARILY STOCKPILE LOAM AND TOPSOIL FOR REUSE, IF NEEDED, ON SITE. SEED AND/OR MULCH STOCKPILES AND ENCIRCLE WITH SILT FENCE.
7. CONDUCT ALL UNDERGROUND UTILITY STRUCTURE AND PIPING INSTALLATION, BACKFILL, AND COMPACTING.
8. CONSTRUCT BUILDING FOUNDATION.
9. PLACE AND COMPACT NEW GRAVEL COURSES IN THE PARKING, LOADING, SIDEWALK, AND ACCESS DRIVE AREAS.
10. PLACE, GRADE, AND STABILIZE DISTURBED AREAS WITH TEMPORARY SEEDING AND MULCHING.
11. BEGIN CONSTRUCTION OF BUILDING AND REMAINING SITE WORK.
12. PLACE PAVEMENT COURSES, SIDEWALKS, AND CURBING.
13. ALL CUT AND FILL SLOPES SHALL BE STABILIZED, LOAMED, SEEDED, AND MULCHED.
14. COMPLETE PERMANENT SEEDING AND LANDSCAPING IN ACCORDANCE WITH THE LANDSCAPE DESIGN AND DETAILS.
15. SWEEP COMPLETED PAVEMENT AND CLEAN OUT CATCH BASINS AND DRAINAGE PIPES DURING CONSTRUCTION CLOSE-OUT PROCEDURES. PROPERLY DISPOSE OF COLLECTED SEDIMENT AND DEBRIS.
16. REMOVE TEMPORARY EROSION CONTROL MEASURES AND PROPERLY DISPOSE OF FOLLOWING CONSTRUCTION AND ONCE FULL GROUND COVER HAS BEEN ESTABLISHED.

EROSION CONTROL NOTES:

CATCH BASINS: CARE SHOULD BE TAKEN TO ENSURE THAT SEDIMENTS DO NOT ENTER CATCH BASINS DURING EXCAVATION FOR PIPE TRENCHES, DITCHES AND SWALES. THE CONTRACTOR SHOULD PLACE NON-WOVEN GEOTEXTILE FABRIC FOR INLET PROTECTION OVER INLETS IN AREAS OF SOIL DISTURBANCE, WHICH ARE SUBJECT TO SEDIMENT CONTAMINATION.

PLACE INLET PROTECTION DEVICES, IN CATCH BASINS AND MAINTAIN UNTIL ALL CONSTRUCTION ACTIVITIES HAVE CEASED AND THE SURROUNDING AREAS ARE WELL VEGETATED.

ALL SWALES SHALL BE STABILIZED PRIOR TO DIRECTING RUNOFF INTO THEM.

SCHEDULE OF WORK
THIS WORK IS ANTICIPATED TO BEGIN IN THE APRIL 2025 WITH A FINAL COMPLETION DATE IN SEPTEMBER 2028. NO WINTER EARTH DISTURBANCE IS EXPECTED FOR THIS PROJECT. SHOULD WINTER WORK BE REQUIRED, THIS PLAN AND THE ACCOMPANYING STORM WATER POLLUTION PREVENTION PLAN (SWPPP) SHALL BE MODIFIED ACCORDINGLY.

ADEQUATE MEASURES SHOULD BE TAKEN TO MINIMIZE AIR BORNE DUST PARTICLES ARISING FROM SOIL DISTURBANCE AND CONSTRUCTION.

* DISTURBANCE OF AREAS SHOULD BE MINIMIZED AND NOT EXCEED 100,000 SQUARE FEET IN AREA AT ANY ONE TIME.
* NO DISTURBED AREA SHOULD BE LEFT UNSTABILIZED FOR LONGER THAN TWO WEEKS DURING THE GROWING SEASON.
* PERMANENT EROSION CONTROL FEATURES SHOULD BE INCORPORATED INTO THE PROJECT AT THE EARLIEST PRACTICABLE TIME, AS SPECIFIED ON THE CONTRACT PLANS.
* WITHIN 14 DAYS OF COMPLETING WORK IN AN AREA, AND PRIOR TO ANTICIPATED RAIN EVENTS, APPLY HAY/STRAW MULCH AND TACKIFIER ON ALL DISTURBED SOIL AREAS. APPLICATION RATES OF 2 TONS OF STRAW OR HAY PER ACRE SHOULD BE USED TO PREVENT EROSION UNTIL VEGETATIVE COVER CAN BE ESTABLISHED. ALTERNATIVELY, APPLY WOOD CHIPS OR GROUND BARK MULCH 2 TO 6 INCHES DEEP AT A RATE OF 10 TO 20 TONS PER ACRE.
* WHEN EROSION IS LIKELY TO BE A PROBLEM, GRUBBING OPERATION SHOULD BE SCHEDULED AND PERFORMED SUCH THAT GRADING OPERATION AND PERMANENT EROSION CONTROL FEATURES CAN FOLLOW IMMEDIATELY THEREAFTER.
* AS WORK PROGRESSES, PATCH SEEDING AND MULCHING SHOULD BE DONE AS REQUIRED ON AREAS PREVIOUSLY TREATED TO MAINTAIN OR ESTABLISH PROTECTIVE COVER.
* REMOVE ACCUMULATED SEDIMENTS AND DEBRIS WHEN SEDIMENT CONTAINMENT DEVICES REACH 33% CAPACITY.

EROSION CONTROL IMPLEMENTATION SCHEDULE
THE FOLLOWING GENERAL SCHEDULE IDENTIFIES THE PROPOSED SOIL EROSION AND SEDIMENT CONTROL AND STORM WATER MANAGEMENT MEASURES THAT ARE TO BE IMPLEMENTED PRIOR TO AND DURING CONSTRUCTION:

* PERFORM LIMITED GRUBBING, STRIPPING AND SITE GRADING ONLY AS NEEDED TO COMPLETE IMMEDIATE WORK GOALS.
* BLOCK STORM WATER FLOW AS NECESSARY TO INSTALL ALL STORM WATER STRUCTURES IN THE DRY.
* INSTALL PERMANENT STORM DRAIN SYSTEM.
* INSTALL TEMPORARY SOIL STABILIZATION MEASURE INCLUDING SEED, MULCH, FERTILIZER, MATTING, ETC.
* REDIRECT FLOWS INTO FINISHED STRUCTURES PRIOR TO FILL OPERATIONS.
* PLACE HUMUS AND CONDUCT PERMANENT SEEDING AND MULCHING OF ALL DISTURBED GROUND.

TEMPORARY STABILIZATION:
EROSION CONTROL MEASURES SHALL BE IMPLEMENTED, AS WRITTEN HEREIN AND AS DEPICTED ON THE ACCOMPANYING PLAN, FROM THE COMMENCEMENT OF CONSTRUCTION ACTIVITY UNTIL FINAL STABILIZATION IS COMPLETE:

TEMPORARY GRADING: TEMPORARY GRADING DURING CONSTRUCTION SHOULD BE PERFORMED IN SUCH A MANNER TO FACILITATE MAXIMUM INFILTRATION OF STORMWATER AND MINIMIZE OR ELIMINATE STORMWATER RUNOFF FROM THE SITE.

MULCH: MULCHING WITH LOOSE HAY OR STRAW, AT A RATE OF 2 TONS PER ACRE, SHALL BE DONE IMMEDIATELY AFTER EACH AREA HAS BEEN FINAL GRADED. WHEN SEED FOR EROSION CONTROL IS SOWN PRIOR TO PLACING THE MULCH, THE MULCH SHOULD BE PLACED ON THE SEEDED AREAS WITHIN 48 HOURS AFTER SEEDING.

TACKIFIER: PLACEMENT OF SOIL TACKIFIER HAS PROVEN TO BE AN EFFECTIVE METHOD OF PREVENTING SOIL AND ADHERING MULCH IN PLACE. THE PLACEMENT OF A SOIL TACKIFIER SHOULD BE PERFORMED IN ACCORDANCE WITH THE MANUFACTURERS SPECIFICATIONS AND SHOULD BE REAPPLIED AS NECESSARY TO CONTROL AIR BORN DUST AND SOIL, AND MULCH LOSS UNTIL PERMANENT VEGETATION IS ESTABLISHED.

ROAD CLEANING: THE CONTRACTOR SHALL SWEEP ROADS DAILY, OR AS NEEDED TO MAINTAIN CLEAN PAVED SURFACES AT ALL CONSTRUCTION ACCESS/EGRESS POINTS.

DUST CONTROL: THE CONTRACTOR SHALL IMPLEMENT DUST CONTROL MEASURES AS NEEDED TO PREVENT AIRBORNE DUST PARTICLES FROM LEAVING THE SITE. DUST CONTROL MEASURES SHALL CONSIST OF USE OF A WATER TRUCK EQUIPPED WITH A SPRAY-BAR THAT DISSIPATES THE WATER EVENLY OVER THE SURFACE.

PERMANENT STABILIZATION: GRASS, TREES, SHRUBS AND MULCHED PLANTING BEDS WILL BE CONSTRUCTED AND MAINTAINED IN LOCATIONS AS SHOWN ON THE DRAWINGS TO STABILIZE AREAS NOT WITHIN THE PARKING LOT/BUILDING FOOTPRINT. THE CONTRACTOR WILL BE RESPONSIBLE FOR EROSION AND SEDIMENT CONTROL FOR ONE YEAR AFTER COMPLETION.

AN AREA SHALL BE CONSIDERED STABLE IF ONE OF THE FOLLOWING HAS OCCURRED:
1. BASE COURSE GRAVELS HAVE BEEN INSTALLED IN AREAS TO BE PAVED;
2. A MINIMUM OF 85% VEGETATED GROWTH HAS BEEN ESTABLISHED;
3. A MINIMUM OF 3" OF NON-EROSIVE MATERIAL SUCH AS STONE OR RIP RAP HAS BEEN INSTALLED;
4. EROSION CONTROL BLANKETS HAVE BEEN PROPERLY INSTALLED.

ALL ROADWAYS/PARKING AREAS SHALL BE STABILIZED WITHIN 72 HOURS OF ACHIEVING FINISHED GRADE.

CONSTRUCTION SHALL BE MANAGED IN A MANNER THAT MEETS THE REQUIREMENTS AND INTENT OF RSA 430:53 AND CHAPTER AGR 3800 RELATIVE TO INVASIVE SPECIES.

EXCAVATION DEWATERING:
SHOULD EXCAVATION DEWATERING BE REQUIRED, THE CONTRACTOR MUST INSURE THAT ANY EXCAVATION DEWATERING DISCHARGES ARE NOT CONTAMINATED. NOTE: THE WATER IS CONSIDERED UNCONTAMINATED IF THERE IS NO GROUNDWATER CONTAMINATION WITHIN 1,000 FEET OF THE DISCHARGE.

THE CONTRACTOR MUST TREAT ANY UNCONTAMINATED EXCAVATION DEWATERING AS NECESSARY TO REMOVE SUSPENDED SOLIDS AND TURBIDITY DURING CONSTRUCTION. THE DISCHARGES MUST BE SAMPLED AT A LOCATION PRIOR TO MIXING WITH STORM WATER OR STREAM FLOW AT LEAST ONCE PER WEEK DURING WEEKS WHEN DISCHARGES OCCUR. THE SAMPLES MUST BE ANALYZED FOR TOTAL SUSPENDED SOLIDS (TSS) AND MUST MEET MONTHLY AVERAGE AND MAXIMUM DAILY TSS LIMITATIONS OF 50 MILLIGRAMS PER LITER (MG/L), RESPECTIVELY.

STORMWATER POLLUTION PREVENTION PLAN:
THE PROJECT IS SUBJECT TO THE REQUIREMENTS OF THE USEPA NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM (NPDES) CONSTRUCTION PERMIT, WHICH INCLUDES A WRITTEN STORM WATER POLLUTION PREVENTION (SWPPP) PLAN FOR CONSTRUCTION. THE SWPPP PLAN SHALL OUTLINE DETAILED SPECIFICATIONS FOR IMPLEMENTATION, INSPECTION, AND MAINTENANCE OF ALL EROSION CONTROL MEASURES. THE CONTRACTOR HAS SOLE RESPONSIBILITY FOR COMPLIANCE WITH THE EROSION AND SEDIMENT CONTROL PLAN, SHALL BE RESPONSIBLE FOR AMENDING THE SWPPP ACCORDINGLY, AND SHALL BE RESPONSIBLE FOR ANY PENALTIES RESULTING FROM LACK OF COMPLIANCE.

SPECIFICATIONS FOR TEMPORARY AND PERMANENT SEEDING:

GRASS SEED MIXES SHALL CONSIST OF THE MIXTURES AS DETAILED IN THE FOLLOWING TABLES, WITH 98% PURITY:

EROSION CONTROL SEED MIX		
SEED	BY % MASS	% GERMINATION (MIN.)
WINTER RYE 80 (MIN.)	80 (MIN.)	85
RED FESCUE (CREEPING)	4 (MIN.)	80
PERENNIAL RYE GRASS	3 (MIN.)	90
RED CLOVER	3 (MIN.)	90
OTHER CROP GRASS	0.5 (MAX.)	
NOXIOUS WEED SEED	0.5 (MAX.)	
INERT MATTER	1.0 (MAX.)	

PERMANENT SEED MIX		
SEED	BY % MASS	% GERMINATION (MIN.)
RED FESCUE (CREEPING)	50	85
KENTUCKY BLUE	25	85
PERENNIAL RYE GRASS	10	90
RED TOP	10	85
LANDINO CLOVER	5	85

WINTER CONSTRUCTION NOTES:

ALL PROPOSED POST-DEVELOPMENT VEGETATED AREAS WHICH DO NOT EXHIBIT A MINIMUM OF 85% VEGETATIVE GROWTH BY OCTOBER 15TH, OR WHICH ARE DISTURBED AFTER OCTOBER 15TH, SHALL BE STABILIZED BY SEEDING AND INSTALLING EROSION CONTROL BLANKETS ON SLOPES GREATER THAN 3:1, AND SEEDING AND PLACING 3 TO 4 TONS OF MULCH PER ACRE ELSEWHERE. MULCH REMAINING IN THE SPRING SHALL BE REMOVED AND REPLACED AT RATE OF 2 TONS PER ACRE. THE PLACEMENT OF EROSION CONTROL BLANKETS OR MULCH AND TACKIFIER SHALL NOT OCCUR OVER ACCUMULATED SNOW OR ON FROZEN GROUND.

ALL DITCHES OR SWALES WHICH DO NOT EXHIBIT A MINIMUM OF 85% VEGETATIVE GROWTH BY OCTOBER 15TH, OR WHICH ARE DISTURBED AFTER OCTOBER 15TH, SHALL BE STABILIZED WITH STONE OR EROSION CONTROL BLANKETS APPROPRIATE FOR THE DESIGN FLOW CONDITIONS.

AFTER OCTOBER 15TH, INCOMPLETE ROAD OR PARKING SURFACES SHALL BE PROTECTED WITH A MINIMUM OF 3-INCHES OF CRUSHED GRAVEL PER NHDOT ITEM 304.3 OR IF CONSTRUCTION IS TO CONTINUE THROUGH THE WINTER SEASON BE CLEARED OF ANY ACCUMULATED SNOW AFTER EACH STORM EVENT.

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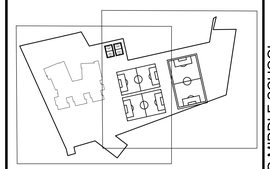
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CIVIL PERMITTING DRAWINGS
12/17/2025 (NOT FOR CONSTRUCTION)

STATE OF NEW HAMPSHIRE
JOHN CHRIS NADEAU
No. 9294
LICENSED PROFESSIONAL ENGINEER

KEYPLAN



12/17/2025

CONCORD MIDDLE SCHOOL
CONCORD, NEW HAMPSHIRE
GENERAL NOTES AND LEGEND

DRAWN BY - JR & KLR CHECKED BY - JCN

REVISIONS NO.	DATE	REMARKS	BY

DRAWING NUMBER
G-1

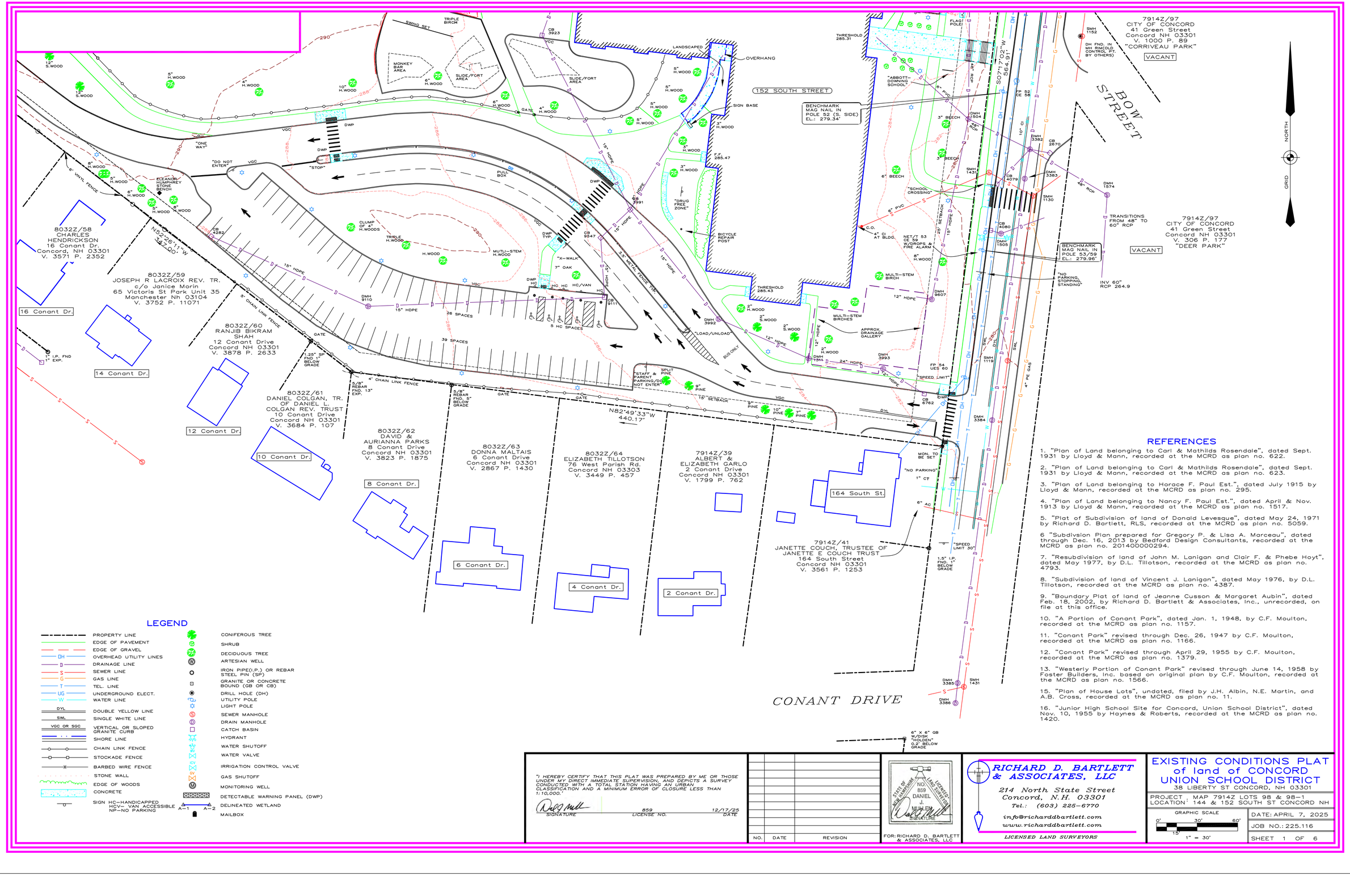
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MATCH TO SHEET 2

MATCH TO SHEET 6



REFERENCES

1. "Plan of Land belonging to Carl & Mathilds Rosendale", dated Sept. 1931 by Lloyd & Mann, recorded at the MCRD as plan no. 622.

2. "Plan of Land belonging to Carl & Mathilds Rosendale", dated Sept. 1931 by Lloyd & Mann, recorded at the MCRD as plan no. 623.

3. "Plan of Land belonging to Horace F. Paul Est.", dated July 1915 by Lloyd & Mann, recorded at the MCRD as plan no. 295.

4. "Plan of Land belonging to Nancy F. Paul Est.", dated April & Nov. 1913 by Lloyd & Mann, recorded at the MCRD as plan no. 1517.

5. "Plat of Subdivision of land of Donald Levesque", dated May 24, 1971 by Richard D. Bartlett, RLS, recorded at the MCRD as plan no. 5059.

6 "Subdivsion Plan prepared for Gregory P. & Lisa A. Marceau", dated through Dec. 16, 2013 by Bedford Design Consultants, recorded at the MCRD as plan no. 201400000294.

7. "Resubdivision of land of John M. Lanigan and Clair F. & Phebe Hoyt", dated May 1977, by D.L. Tillotson, recorded at the MCRD as plan no. 4793.

8. "Subdivision of land of Vincent J. Lanigan", dated May 1976, by D.L. Tillotson, recorded at the MCRD as plan no. 4387.

9. "Boundary Plat of land of Jeanne Cusson & Margaret Aubin", dated Feb. 18, 2002, by Richard D. Bartlett & Associates, Inc., unrecorded, on file at this office.

10. "A Portion of Conant Park", dated Jan. 1, 1948, by C.F. Moulton, recorded at the MCRD as plan no. 1157.

11. "Conant Park" revised through Dec. 26, 1947 by C.F. Moulton, recorded at the MCRD as plan no. 1166.

12. "Conant Park" revised through April 29, 1955 by C.F. Moulton, recorded at the MCRD as plan no. 1379.

13. "Westerly Portion of Conant Park" revised through June 14, 1958 by Foster Builders, Inc. based on original plan by C.F. Moulton, recorded at the MCRD as plan no. 1566.

15. "Plan of House Lots", undated, filed by J.H. Albin, N.E. Martin, and A.B. Cross, recorded at the MCRD as plan no. 11.

16. "Junior High School Site for Concord, Union School District", dated Nov. 10, 1955 by Haynes & Roberts, recorded at the MCRD as plan no. 1420.

LEGEND

- PROPERTY LINE
- EDGE OF PAVEMENT
- EDGE OF GRAVEL
- OVERHEAD UTILITY LINES
- DRAINAGE LINE
- SEWER LINE
- GAS LINE
- TEL. LINE
- UNDERGROUND ELECT.
- WATER LINE
- DOUBLE YELLOW LINE
- SINGLE WHITE LINE
- VERTICAL OR SLOPED GRANITE CURB
- SHORE LINE
- CHAIN LINK FENCE
- STOCKADE FENCE
- BARBED WIRE FENCE
- STONE WALL
- EDGE OF WOODS
- CONCRETE
- SIGN HC=HANDICAPPED HCV= VAN ACCESSIBLE NP=NO PARKING
- CONIFEROUS TREE
- SHRUB
- DECIDUOUS TREE
- ARTESIAN WELL
- IRON PIPE(I.P.) OR REBAR STEEL PIN (SP)
- GRANITE OR CONCRETE BOUND (GB OR CB)
- DRILL HOLE (DH)
- UTILITY POLE
- LIGHT POLE
- SEWER MANHOLE
- DRAIN MANHOLE
- CATCH BASIN
- HYDRANT
- WATER SHUTOFF
- WATER VALVE
- IRRIGATION CONTROL VALVE
- GAS SHUTOFF
- MONITORING WELL
- DETECTABLE WARNING PANEL (DWP)
- DELINEATED WETLAND
- MAILBOX

"I HEREBY CERTIFY THAT THIS PLAT WAS PREPARED BY ME OR THOSE UNDER MY DIRECT IMMEDIATE SUPERVISION, AND DEPICTS A SURVEY CONDUCTED WITH A TOTAL STATION HAVING AN URBAN CLASSIFICATION AND A MINIMUM ERROR OF CLOSURE LESS THAN 1:10,000."

SIGNATURE — 859 LICENSE NO. — 12/17/25 DATE

NO.	DATE	REVISION

STATE OF NEW HAMPSHIRE — NO. 859 — DANIEL J. MULLEN — LICENSED LAND SURVEYOR — SIGNATURE

FOR: RICHARD D. BARTLETT & ASSOCIATES, LLC

RICHARD D. BARTLETT & ASSOCIATES, LLC
214 North State Street
Concord, N.H. 03301
Tel.: (603) 225-6770
info@richarddbartlett.com
www.richarddbartlett.com
LICENSED LAND SURVEYORS

EXISTING CONDITIONS PLAT of land of CONCORD UNION SCHOOL DISTRICT

38 LIBERTY ST CONCORD, NH 03301

PROJECT: MAP 7914Z LOTS 98 & 98-1
LOCATION: 144 & 152 SOUTH ST CONCORD NH

GRAPHIC SCALE 0' 15' 30' 60' 1" = 30'

DATE: APRIL 7, 2025

JOB NO.: 225.116

SHEET 1 OF 6

MATCH TO SHEET 3

MATCH TO SHEET 5

RUNDLETT MIDDLE SCHOOL

1 & 2 STORY BRICK

144 SOUTH STREET

APPROX. LOCATION OF FIBER OPTICS

THRESHOLD 292.81

FF ON PAVE 292.82

FF ON CONC. 292.83

FF EL. 292.87

LANDSCAPED

CONC. LATTICE PATIO

ALL ARE 8" PVC

SMH 3976

FLAG POLE

28" D.WOOD

24" H.WOOD

8" DOMESTIC

SPRINKLER

LP TANK

WOOD FENCE

36" OAK

"RUNDLETT MIDDLE SCHOOL"

18" SOFTWOOD

6" SOFTWOOD

DMH 3098

8" PVCS

8" PVC

CONC. RET. WALL FOR RAMP

FF ON CONC. 282.23

STRIP DRAIN

FF ON CONC. 292.85

7 SPACES

9 SPACES

STEAM MH 3153

CONEX BOX

CB 21964

12" RCP

15" SETBACK

N69°40'00"E 900.10'

DMH 8906

30" RCP

"NO PARKING W/HOURS"

"ONE WAY"

VGC

SYL

8" H.WOOD

THRESHOLD GAS 292.83 METER

THRESHOLD 292.81

PAVED RAMPS

BRICK WALL

OVERHANG

STOP LINE

"HANDICAP PARKING" SIGNS

STRIPING INDISCERNABLE

26'±

6" CAPPED WATER

19'±

SPEED LIMIT

DIRECTIONAL SIGN

"VISITOR PARKING"

14" H.WOOD

12" H.WOOD

2" H.WOODS

4" CHAIN LINK FENCE

SHED

CB 6311

DMH 8889

DWP

30" RCP

2½" STEAM MH 3480

CB 9866

OLD 6" CI ROOF DRAIN

15" H.WOOD

2 SPACES

6 SEPTIC TANK COVERS

8" S.WOOD

SMH 4196

SMH 4195

TRANS.

4" GAS

FIR TREES

GEN.

GAS METER

THRESHOLD 285.37

GRAN. POST

THRESHOLD 285.43

THRESHOLD 286.76

4" MAPLE

6" CHAIN LINK FENCE

SPRINKLER CONN.

DMH 4135

CB 6754

INV. 8" HDPE 286.6'

32" H.WOOD

6" H.WOOD

8" H.WOOD

10" H.WOOD

PIPE TERMINUS UNKNOWN

CHAIN LINK FENCE

TRIPLE BIRCH

CB 3924

TIERED GRANITE BLOCK WALL AMPHITEATRE

MULTI STEM BIRCH

BASKETBALL FOUR-SQUARE COURTS

THRESHOLD 285.47

15" HDPE

GRAN. BLOCK RET. WALL

SWING SET

MONKEY BAR AREA

SLIDE/FORT AREA

CB 3923

LANDSCAPED

12" S.WOOD

4" H.WOOD

2" H.WOOD

5" H.WOOD

7914Z/98
CONCORD UNION SCHOOL DISTRICT
38 Liberty Street
Concord, NH 03301
V. 649 P. 4, V. 488 P. 192
Total Area:
415,896 Sq. Ft. or 9.55 Ac.

ABBOTT–DOWNING ELEMENTARY SCHOOL

MULTI–STORY BRICK & MORTAR

75' SP OVERLAY

BROOK REFERENCE LINES

N89°02'52"E 132.66'

MON. TO BE SET

24" OAK

VEG. BUFFER

S09°00'02"W 153.24'

6" CLAY PIPE (BROKEN) (NV 279.1

CB 4076

SMH 1439

DMH 3381

3.4" BR

2" CI

4" AC

3/4" CT

1" CI

4" PE GAS

66' R.O.W.

TIE=N09°00'02"E 97.07' TO SB AT NORTH SIDE OF NOYES STREET

TIE=N09°00'02"E 86.00' TO SB AT SOUTH SIDE OF NOYES STREET

1.5" I.P. FND. FLUSH W/4"x4" SB FLUSH

5" VC

DMH 3380

4" x 4" GB W/DH FLUSH

SOUTH STREET

PILLSBURY STREET

NORTH

GRID

7914Z/100
CLAIRE E HOWARD–PIKE
134 South Street
Concord, NH 03301
V. 2149 P. 347

134 South St.

7914Z/99
KATHERINE GILBREATH, TRUSTEE OF GILBREATH FAMILY 2016 TRUST
22046 Iron Horse Place
Santa Clarita CA, 91390
V. 3540 P. 1372

136 South St.

107–109 Pillsbury St.

7914Z/4
MARGARET DURGIN–DUFFY
4 Alan Ct.
Rye, NH 03870

7914Z/5
ROBERT HOLMES & KATHLEEN CARDONE HOLMES, TRUSTEES OF B HOLMES & K CARDONE TRUST
259 Horse Corner Rd.
Chichester, NH 03258
V. 3725 P. 284

123–125 South St.

7914Z/6
KYLIE HAMMOND & MATTHEW BEAUREGARD
125 South Street
Concord, NH 03301
V. 3691 P. 640

125 South St.

127 South St

3/4"CT

7914Z/7
BENJAMIN & FAITH GREENE
127 South Street
Concord, NH 03301
V. 2053 P. 1229

FP 48 UES 54

FP 194/50 CE 56

FP 51 CE 57 W/DROPS & LIGHT

VZ 49 CE 55 W/LIGHT

"RUNDLETT MIDDLE SCHOOL"

CB 4077

CB 18339

CB 2669

SMH 1437

SMH 1438

SMH 1436

SMH 1435

SMH 1434

CB 4078

DMH 1503

"STOP, NO LEFT TURN"

"ONE WAY"

17" MULTI STEM H.WOOD

7 SPACES

HC

PHC

"NO PARKING"

MULTI–STEM BIRCH

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NO.	DATE	REVISION

STATE OF NEW HAMPSHIRE — NO. 859 — DANIEL J. MULLEN — SIGNATURE — LICENSED LAND SURVEYOR

FOR: RICHARD D. BARTLETT & ASSOCIATES, LLC

RICHARD D. BARTLETT & ASSOCIATES, LLC
214 North State Street
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LICENSED LAND SURVEYORS

EXISTING CONDITIONS PLAT of land of CONCORD UNION SCHOOL DISTRICT

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PROJECT : MAP 7914Z LOTS 98 & 98–1
LOCATION: 144 & 152 SOUTH ST CONCORD NH

GRAPHIC SCALE 0' 30' 60' (15') 1" = 30'

DATE: APRIL 7, 2025

JOB NO.: 225.116

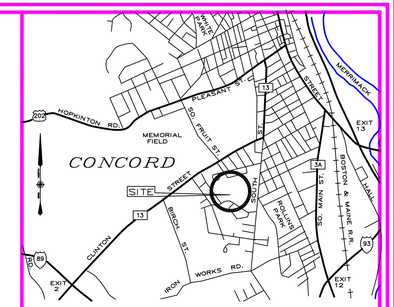
SHEET 2 OF 6

MATCH TO SHEET 1

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MATCH TO SHEET 4



VICINITY MAP
SCALE: 1" = 2000'

CYPRESS STREET
40' R.O.W.

3 Cypress St.
7911Z/83
CU HOME LLC
8 Snows Ct.
Dover, NH 03820
V. 3649 P. 1589

3-1/2 Cypress St.
7911Z/84
ANITA RENEEE DEMOS
3-1/2 Cypress Street
Concord NH 03301
V. 3304 P. 1448

5 Cypress St.

9 Cypress St.

7 Cypress St.
7911Z/85
JEANNE E. CUSSON, TRUSTEE OF JEANNE E. CUSSON 2004 TRUST
5 Cypress Street
Concord NH 03301
V. 3843 P. 1140

13 Cypress St.

15 Cypress St.

11 Cypress St.
8023Z/2
FRANCES D. ROUX, TRUSTEE OF NORMAN A & FRANCES D. ROUX IRREVOCABLE TRUST
75 S. Main Street Unit 7, PMB 253
Concord NH 03301
V. 3278 P. 1043

8022Z/17
JAMES MCCONAHA & VALERY MITCHELL
7 Cypress Street
Concord NH 03301
V. 1431 P. 311

8023Z/3
ELISA & DAVID SAUNDERS
13 Cypress Street
Concord NH 03301
V. 3455 P. 454

8023Z/4
CHRISTOPHER & KRISTEN HERR
15 Cypress Street
Concord NH 03301
V. 3563 P. 501

17 Cypress St.

118 South St.
7911Z/5
ELLMILLS RENTAL PROPERTIES, LLC
118 South Street
Concord NH 03301
V. 3542 P. 450

122 South St.
7914Z/104
RICHARD & HALLIE PENTHENNY, TRUSTEES OF RICHARD G & HALLIE A PENTHENNY 2012 TRUST
122 South Street
Concord NH 03301
V. 3767 P. 1586

124 South St.
7914Z/103
REBECCA KINHAN
124 South Street
Concord NH 03301
V. 3765 P. 570

126 South St.
7914Z/102
KATHYRN KELLEHER, TRUSTEE OF K L KELLEHER SOUTH STREET TRUST
126 South Street
Concord NH 03301
V. 3819 P. 1146

128-130 South St.
7914Z/101
RONALD S PALMER IV & SARAH MARIE PALMER
1340 Pine Street
Hopkinton, NH 03229
V. 3594 P. 445

BOW BROOK
(WIDTH VARIES FROM 4' TO 12'±)

N60°20'39"E 24.09'
1/2" I.P. FND 1" EXP.
MON. TO BE SET
4" X 5" GB W/DH 6" EXP.
1" I.P. FND. 6" BELOW GRADE
S 13°30'29"W 100.53'
4" X 5" GB W/DH 1" EXP. W/1" I.P. WITNESS
GB FND. (SIDEWAYS) W/1" I.P. WITNESS 24" EXP. (NOT HELD)
N89°10'06"E 175.00'
TIE=N89°10'06"E 134.47'
6" X 7" STONE POST 4.5' HIGH (1.54' OFF STREET LINE)
1" I.P. FND. 4" BELOW GRADE
SP FND W/CAP "RD BARTLETT" 3" BELOW GRADE
N09°23'56"E 83.58'
MON. TO BE SET
TIE=S09°23'56"W 87.71'
1" I.P. FND. 15" EXP. (LEANS)
AXLE FND. 15" EXP.
5" X 4" SB FND. 12" BELOW GRADE
TIE=N78°44'32"E 15.43' (TO AXLE)
S 09°37'11"W 95.57'
1.25" IP FND 2" EXP. (0.9' EAST OF LINE)
1.25" SP FND FLUSH
1.25" IP FND 10" EXP. (0.83' WEST OF LINE)
SMH 1442
N77°26'26"E 637.11'
SP FND W/CAP "RD BARTLETT" 1" BELOW GRADE
5' CHAIN LINK FENCE
15' SETBACK
THRESHOLD 292.98
STEAM LINE (ASPHALT)
50' WETLAND BUFFER
75' SP OVERLAY
292'
290'
288'
286'
284'

NORTH
GRID

MATCH TO SHEET 2

STATE OF NEW HAMPSHIRE — LICENSED LAND SURVEYOR — NO. 859 — DANIEL J. MULLEN — SIGNATURE

FOR: RICHARD D. BARTLETT & ASSOCIATES, LLC

NO.	DATE	REVISION

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38 LIBERTY ST CONCORD, NH 03301

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LOCATION: 144 & 152 SOUTH ST CONCORD NH

GRAPHIC SCALE 0' 15' 30' 60' — 1" = 30'

DATE: APRIL 7, 2025

JOB NO.: 225.116

SHEET 3 OF 6

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UTILITY STRUCTURE SCHEDULE

DMH 1311
RIM 284.44
INV 280.24 12" HDPE(N)
INV 278.19 24" HDPE(E)
INV 277.86 12" HDPE(W)
SUMP 276.2

MH 1480
RIM 283.50
(STEAM MH)

DMH 1504
RIM 279.97
INV 267.85 48" RCP(N)
INV 276.33 48" RCP(SE)
INV 273.80 15" HDPE(S)
INV 273.72 6" PVC(NW)

DMH 1574
RIM 280.50
INV 265.55 48" RCP(SE)
TRANSITIONS DOWNSTREAM TO 60" RCP
INV 265.68 48" RCP(NW)

CB 2627
RIM 286.60
INV 279.40 24" RCP(NW)
INV 279.38 24" RCP(SE)
SUMP 277.10

CB 2630
RIM 286.30
INV 279.80 24" RCP(SE)
INV 279.85 24" RCP(W)
INV 281.79 12" RCP(SW)
SUMP 278.3

CB 2648
RIM 291.19
INV 285.39 12" CI (E)
INV 285.77 8" CI(S)
INV 285.44 12" VC (W)
SUMP 284.0

CB 2649
RIM 290.27
INV 285.92 12" VC(N)
INV 285.99 12" VC(E)
SUMP 282.8

CB 2669
RIM 279.54
INV 276.10 12" RCP(W)
SUMP 274.9

CB 2687
RIM 287.00
INV 279.92 12" HDPE(N)
INV 279.18 36" RCP(NE)
INV 279.28 24" RCP(SE)
INV 279.28 24" RCP(NW)

CB 2688
RIM 286.62
INV 282.06 12" RCP(NE)
SUMP 281.4

CB 2715
RIM 290.21
INV 285.91 6" PVC(NE)
INV 285.86 12" VC(S)
INV 286.26 6" PVC(NW)
SUMP 282.8

CB 3097
RIM 283.82
INV 278.82 12" RCP(SW)
SUMP 276.9

DMH 3098
RIM 290.72
INV 280.34 6" PVC(N)
INV 280.12 12" RCP(SE)
INV 280.78 8" PVC(SW)
INV 280.95 8" PVC(NW)

MH 3153 (STEAM)
RIM 285.16

CB 3243
RIM 290.69
INV 286.29 8" CI(N)
INV 286.39 8" CI(E)
INV 286.34 8" CI(S)
INV 286.34 8" CI(W)
SUMP 286.0

CB 3282
RIM 289.14
INV 288.47 8" CI(E)
SUMP 287.2

DMH 3400
RIM 288.11
INV 281.36 18" RCP(N)
INV 281.16 24" RCP(E)
INV 281.18 24" RCP(W)

CB 3765
RIM 286.96
INV 282.14 12" HDPE(NE)
SUMP 279.5

CB 3923
RIM 284.96
INV 279.36 15" HDPE(N)
INV 279.31 15" HDPE(SE)
SUMP 279.2

CB 3924
RIM 284.91
INV 279.92 12" HDPE(N)
INV 279.61 15" HDPE(S)
SUMP 277.6

CB 3991
RIM 283.28
INV 278.84 8" HDPE(N)
INV 278.68 15" HDPE(SE)
INV 278.84 15" HDPE(NW)
INV 278.63 15" HDPE(SW)
SUMP 276.6

DMH 3992
RIM 285.02
(COULD NOT OPEN)

DMH 3993
RIM 283.87
INV 277.89 12" HDPE(SE)
INV 278.19 24"HDPE(W)
SUMP 275.4

CB 4076
RIM 283.75
INV 280.58 6" CLAY(SW)
SUMP FILLED W/DEBRIS

CB 4077
RIM 279.70
INV 273.51 12" RCP(W)
SUMP 272.4

CB 4282
RIM 288.05
INV 281.99 15" HDPE(E)
SUMP 279.3

DMH 4135
RIM 285.67
INV 280.52 12" RCP(NE)
INV 280.47 12" HDPE(S)
SUMP 277.7

CB 6311
RIM 283.96
INV 280.98 12" RCP(SW)
SUMP 279.56

CB 6754
RIM 287.51
INV 281.36 12" VC (E)
INV 281.43 12" HDPE (SW)
SUMP 278.7

CB 6762
RIM 281.11
INV 278.07 12" HDPE(NW)
SUMP 276.2

DMH 8889
RIM 283.92
INV 276.37 30" RCP(SE)
INV 276.39 30" RCP(NW)

DMH 8891
RIM 289.48
INV 278.83 30" RCP(NE)
INV 279.05 30" RCP(SW)

DMH 8906
RIM 285.97
INV 278.62 12" RCP(NE)
INV 277.57 30" RCP(SE)
INV 277.62 30" RCP(W)
INV 279.27 12" RCP(NW)

MH 8912 (STEAM)
RIM 291.35
W/8" CI INSULATED PIPES AND 2" STEEL PIPES (GAS?)
SUMP 285.4

DMH 9110
RIM 289.00
(COULD NOT OPEN)

CB 9111
RIM 285.31
INV 280.64 15" HDPE(N)
INV 280.77 15" HDPE(W)
SUMP 277.9

DMH 9607
RIM 283.98
INV 280.93 15" HDPE(N)
INV 279.83 12" HDPE (W)
SUMP 277.0

CB 9647
RIM 283.85
INV 279.05 15" HDPE(NE)
INV 279.13 15" HDPE(S)
SUMP 276.4

CB 9866
RIM 289.61
INV 280.69 12" VC(NE)
INV 280.86 6" CI(SW)
INV 280.71 12" VC(W)
SUMP 280.7

DMH 10349
RIM 279.64
INV 268.14 48" RCP(N)
INV 269.89 12" RCP(E)
INV 267.89 48" RCP(S)
INV 274.89 12" RCP (SW)
INV 270.29 30" RCP(NW)

CB 18339
RIM 280.82
INV 275.02 12" RCP(E)
SUMP 274.8

CB 21963
RIM 286.38
INV 280.52 12" HDPE(S)
SUMP 279.6

CB 21964
RIM 283.82
INV 278.82 12" RCP(SW)
SUMP 276.9

SMH 640
RIM 284.74
INV 276.69 8" PVC(E)
INV 278.06 6" PVC(S)
INV 276.89 8" PVC(W)

SMH 1473
RIM 291.51
INV 282.89 8" AC(E)
INV 283.39 6" AC (S)
INV INSIDE DROP TOP 6" PVC 287.11, BOTTOM 283.4

SMH 1474
RIM 291.44
INV 281.36 8" AC(E)
INV 282.36 4" AC(SW)
INV 281.41 8" AC(W)
INV 284.62 4" AC(NW)

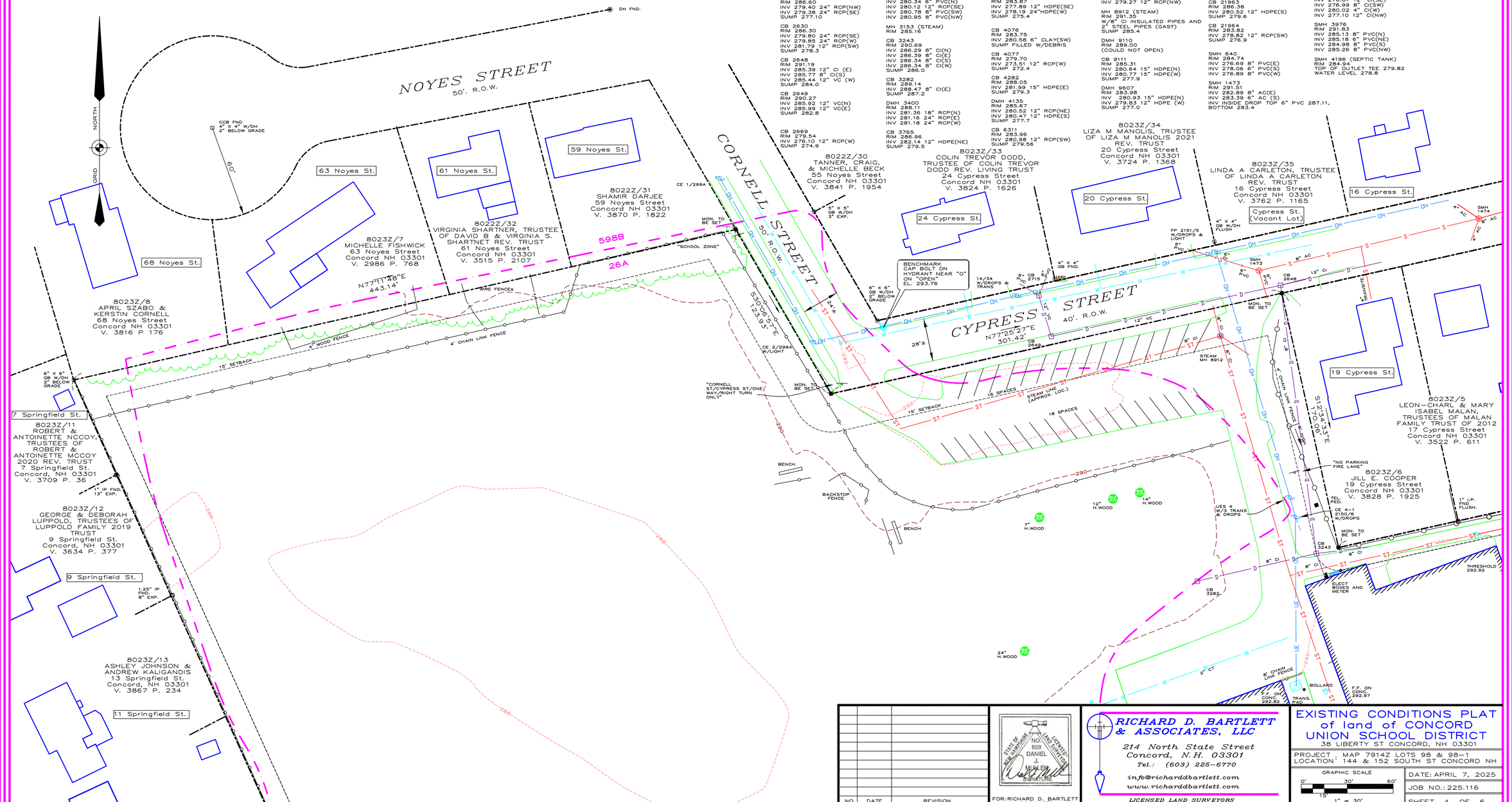
SMH 1672
RIM 288.68
INV 279.23 12" CI (N)
INV 279.63 4" CI(NE)
INV 279.20 12" CI(E)
INV 282.23 4" CI(SE)
INV 282.33 4" CI(SW)
INV 279.23 12" CI(W)
INV 279.48 4" CI(NW)

SMH 1673
RIM 286.66
INV 277.61 12" CI(SE)
INV 277.71 12" CI(W)

SMH 1674
RIM 288.02
INV 277.97 4" CI(NE)
INV 278.12 8" CI(SE)
INV 276.99 8" CI(SW)
INV 280.02 4" CI(W)
INV 277.10 12" CI(NW)

SMH 3976
RIM 291.83
INV 285.13 8" PVC(N)
INV 285.18 6" PVC(NE)
INV 284.98 8" PVC(S)
INV 285.26 8" PVC(NW)

SMH 4196 (SEPTIC TANK)
RIM 284.94
TOP OF OUTLET TEE 279.82
WATER LEVEL 278.8



MATCH TO SHEET 3

MATCH TO SHEET 5

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SHEET 4 OF 6

MATCH TO SHEET 4

8023Z/14
RICHARD & SUSAN SHIFRIN
13 Springfield St.
Concord, NH 03301
V. 3280 P. 1354

13 Springfield St.

8023Z/15
GREGORY MORRIS
15 Springfield St.
Concord, NH 03301
V. 3870 P. 2939

15 Springfield St.

8023Z/16
MICHAEL & DEBORAH BRUSS
17 Springfield St.
Concord, NH 03301
V. 3080 P. 891

17 Springfield St.

8023Z/17
KATRINA ANNE LAURSEN MISLEY
19 Springfield St.
Concord, NH 03301
V. 3837 P. 750

19 Springfield St.

8023Z/18
GREGORY SR. & MAURENN BUEDDEMAN, TRUSTEES OF BUEDDEMAN FAMILY 2018 TRUST
21 Springfield St.
Concord, NH 03301
V. 3610 P. 567

21 Springfield St.

8023Z/19
JEFFREY SMITH
23 Springfield St.
Concord, NH 03301
V. 2916 P. 322

23 Springfield St.

8023Z/20
SAGARIKA GIRI
28 Conant Dr.
Concord, NH 03301
V. 3126 P.571

28 Conant Dr.

7914Z/98-1
CONCORD UNION SCHOOL DISTRICT
38 Liberty Street
Concord, NH 03301
V. 788 P. 484, V. 791 P. 280,
V. 788 P. 508, V. 791 P. 199,
V. 788 P. 137, V. 780 P. 136,
V. 788 P. 471, V. 794 P. 186,
V. 785 P. 438
Total Area:
922,708 Sq. Ft.
or 21.18 Ac.

CONANT DRIVE
50' R.O.W.

"I HEREBY CERTIFY THAT THIS PLAT WAS PREPARED BY ME OR THOSE UNDER MY DIRECT IMMEDIATE SUPERVISION, AND DEPICTS A SURVEY CONDUCTED WITH A TOTAL STATION HAVING AN URBAN CLASSIFICATION AND A MINIMUM ERROR OF CLOSURE LESS THAN 1:10,000.'

SIGNATURE | 859 LICENSE NO. | 12/17/25 DATE

RICHARD D. BARTLETT & ASSOCIATES, LLC
214 North State Street
Concord, N.H. 03301
Tel.: (603) 225-6770
info@richarddbartlett.com
www.richarddbartlett.com
LICENSED LAND SURVEYORS

NO.	DATE	REVISION

STATE OF NEW HAMPSHIRE LICENSED LAND SURVEYOR NO. 859 DANIEL J. MULLEN SIGNATURE

FOR: RICHARD D. BARTLETT & ASSOCIATES, LLC

EXISTING CONDITIONS PLAT of land of CONCORD UNION SCHOOL DISTRICT

38 LIBERTY ST CONCORD, NH 03301

PROJECT : MAP 7914Z LOTS 98 & 98-1
LOCATION: 144 & 152 SOUTH ST CONCORD NH

GRAPHIC SCALE 0' 30' 60' (15') 1" = 30'

DATE: APRIL 7, 2025

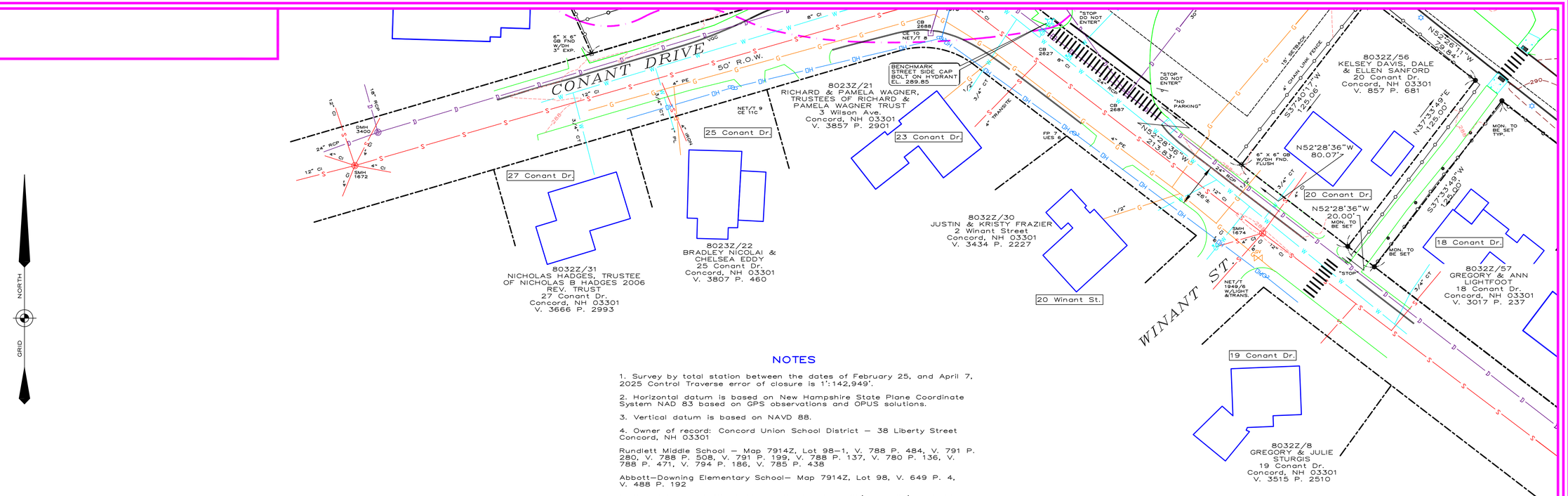
JOB NO.: 225.116

SHEET 5 OF 6

MATCH TO SHEET 2

MATCH TO SHEET 6

MATCH TO SHEET 5



NOTES

1. Survey by total station between the dates of February 25, and April 7, 2025 Control Traverse error of closure is 1':142,949'.

2. Horizontal datum is based on New Hampshire State Plane Coordinate System NAD 83 based on GPS observations and OPUS solutions.

3. Vertical datum is based on NAVD 88.

4. Owner of record: Concord Union School District — 38 Liberty Street Concord, NH 03301

Rundlett Middle School — Map 7914Z, Lot 98—1, V. 788 P. 484, V. 791 P. 280, V. 788 P. 508, V. 791 P. 199, V. 788 P. 137, V. 780 P. 136, V. 788 P. 471, V. 794 P. 186, V. 785 P. 438

Abbott—Downing Elementary School— Map 7914Z, Lot 98, V. 649 P. 4, V. 488 P. 192

5. Parcel is zoned RS; Building setbacks: front 25', rear 25', and side 15'. Minimum Lot size = 12,500 sq. ft., Minimum frontage = 100', Maximum lot coverage = 40%

6. The underground utilities depicted hereon have been located from field survey information and plotted from existing drawings. The surveyor makes no guarantee that the underground utilities depicted comprise all such utilities in the area, either in service or abandoned. The surveyor further does not warrant that the underground utilities shown are in the exact location indicated although they are located as accurately as possible from the information available. The surveyor has not physically located the underground portion of the utilities. All contractors should notify, in writing, any utility company and appropriate governmental agencies prior to any excavation work and call DIG—SAFE at 811.

7. The intent of this plat is to depict existing conditions on Map 7914Z, Lots 98 & 98—1.

8. Soil Types:
598B—Windsor—Urban land complex, 0 to 8 percent slopes
NHDES Group #1
26A—Windsor loamy sand, 0 to 3 percent slopes—NHDES Group #1

9. There are no recorded covenants or restrictions related to the use of the property that this surveyor is aware of.

10. There are no wells or septic systems in the vicinity that this surveyor is aware of.

11. The site is not located in the FH Overlay District.

12. The site is not located in the Aquifer Protection (AP) Overlay District.

13. A portion of the site is located in the Shoreland Proptection (SP) Overlay District.

14. For the purposes of this plat there are no State or Federal permits required.

15. The site is serviced by municipal sanitary sewer and potable water.

16. This plat is not intended to be recorded at the Merrimack County Registry of Deeds.

17. The site does not fall with any flood hazard zones as shown on the Flood Insurance Rate Map for the City of Concord, map number 33013C0533E, effective date of April 19, 2010.

EASEMENTS OF RECORD

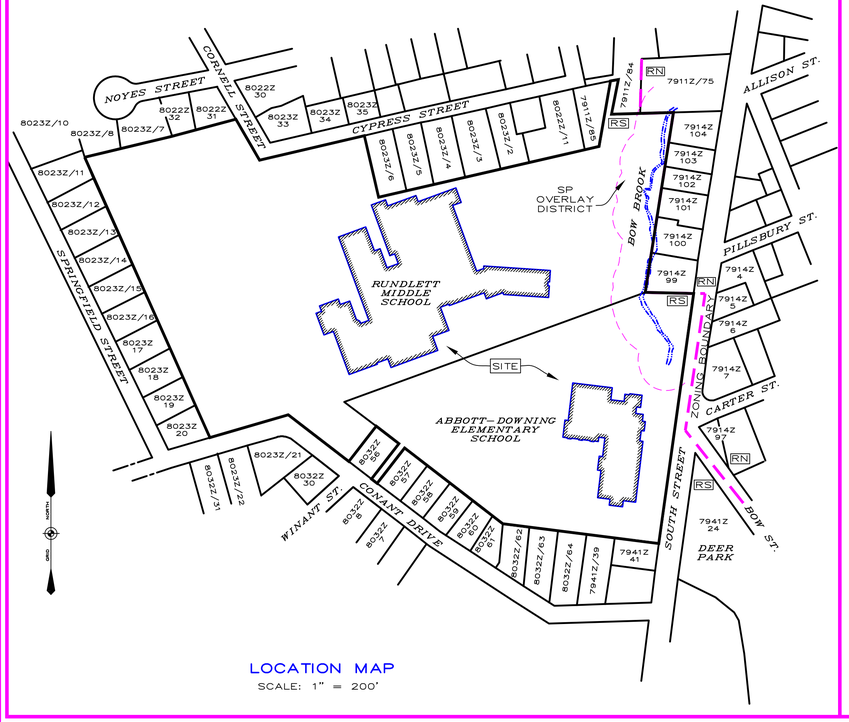
1. Commercial Underground Agreement with Concord Electric Co. for underground facilities to Service Rundlett Junlior High School as described in V. 1705 P. 863.

2. Commercial Underground Agreement with Concord Electric Co. for underground facilities to service Conant School as described in V. 1518 P. 1031. (Status unknown as school no longer exists.)

3. 20' wide Easement to Unitil Energy Systems and Northern New England Telephone Operations LLC as described in V. 3295 P. 1790 (Affects former Conant School lots and a portion of Rundlett Middle School lot—status and exact location unknown)

WETLAND NOTES

1. Jurisdictional Wetland boundaries shown on this plan were delineated on March 25, 2025 by John St. John, CWS #221; in accordance with the techniques outlined in the most recent Corps of Engineers Wetlands Delineation Manual and regional supplements for identifying hydric soils and vegetation.



LOCATION MAP
SCALE: 1" = 200'

"I HEREBY CERTIFY THAT THIS PLAT WAS PREPARED BY ME OR THOSE UNDER MY DIRECT IMMEDIATE SUPERVISION, AND DEPICTS A SURVEY CONDUCTED WITH A TOTAL STATION HAVING AN URBAN CLASSIFICATION AND A MINIMUM ERROR OF CLOSURE LESS THAN 1:10,000."

SIGNATURE — 859 LICENSE NO. — 12/17/25 DATE

NO.	DATE	REVISION

STATE OF NEW HAMPSHIRE — NO. 859 — DANIEL J. MULLEN — LICENSED LAND SURVEYOR — SIGNATURE

FOR: RICHARD D. BARTLETT & ASSOCIATES, LLC

RICHARD D. BARTLETT & ASSOCIATES, LLC
214 North State Street
Concord, N.H. 03301
Tel.: (603) 225-6770
info@richarddbartlett.com
www.richarddbartlett.com
LICENSED LAND SURVEYORS

EXISTING CONDITIONS PLAT of land of CONCORD UNION SCHOOL DISTRICT

38 LIBERTY ST CONCORD, NH 03301

PROJECT : MAP 7914Z LOTS 98 & 98—1
LOCATION: 144 & 152 SOUTH ST CONCORD NH

GRAPHIC SCALE 0' 30' 60' 15' 1" = 30'

DATE: APRIL 7, 2025

JOB NO.: 225.116

SHEET 6 OF 6

MATCH TO SHEET 1

SHEET C-1.1

SHEET C-1.2

NOYES STREET

CYPRESS STREET

CHENELL STREET

RUNDLETT MIDDLE SCHOOL

ABBOTT-DOWNING ELEMENTARY SCHOOL

BOW BROOK

PILLSBURY STREET

SOUTH STREET

CARTER STREET

BOW STREET

WINANT ST.

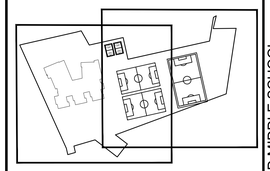
CONANT DRIVE

NOTES:

1. REFER TO SURVEYOR'S PLAN FOR PLAN REFERENCES ADDITIONAL NOTES, EXISTING DRAINAGE AND SANITARY SEWER INVERT INFORMATION.
2. LOCATION AND ELEVATION OF UTILITIES ARE APPROXIMATE ONLY AND ARE BASED ON FIELD MEASUREMENTS OF VISIBLE STRUCTURES. THE CONTRACTOR IS RESPONSIBLE FOR LOCATING ALL UTILITIES PRIOR TO CONSTRUCTION AND WILL NOTIFY ENGINEER AND OWNER IMMEDIATELY OF ANY CONFLICTS.
3. THE CONTRACTOR IS RESPONSIBLE FOR CONTACTING DIG SAFE (1-888-DIG-SAFE) AT LEAST 72 HOURS PRIOR TO THE COMMENCEMENT OF WORK. THE CONTRACTOR WILL COORDINATE WORK WITH THE TOWN FIRE AND POLICE DEPARTMENTS.
4. DEMOLISH STRUCTURES AND SITE FEATURES AS SHOWN HEREON AND REMOVE PAVEMENT TO LIMITS INDICATED.
5. CONTRACTOR IS RESPONSIBLE FOR OFF-SITE DISPOSAL OF CONSTRUCTION DEMOLITION DEBRIS IN ACCORDANCE WITH LOCAL, STATE AND FEDERAL REGULATIONS.
6. CONTRACTOR WILL COORDINATE REMOVAL/RELOCATION OF UNDERGROUND GAS AND OVERHEAD UTILITIES WITH RESPECTIVE UTILITY COMPANIES.
7. ABATEMENT OF HAZARDOUS MATERIALS SUCH AS LEAD PAINT, ASBESTOS, ETC., WILL BE PERFORMED BY A LICENSED CONTRACTOR PRIOR TO COMMENCEMENT OF DEMOLITION. A PRE-DEMOLITON SURVEY WILL BE PERFORMED BY CONTRACTOR PRIOR TO THE START OF DEMOLITION ACTIVITIES TO ENSURE PROPER DEMOLITION AND DISPOSAL PROCEDURES.
8. DEMOLITION SEQUENCING WILL BE AS DIRECTED BY THE PRIME CONTRACTOR AND THE ARCHITECT.
9. FOR AREAS OUTSIDE OF THE PROPOSED BUILDING FOOTPRINT, DEMOLISH ALL EXISTING BUILDINGS AND FOUNDATIONS TO 24" BELOW FINISHED GRADE. CONSULT WITH ENGINEER FOR DEMOLITION REQUIREMENTS FOR AREAS WITHIN THE PROPOSED BUILDING FOOTPRINT.
10. ALL WORK PERFORMED TO CONFORM TO THE REQUIREMENTS OF THE LATEST EDITION OF THE MUNICIPAL CONSTRUCTION STANDARDS.
11. REFER TO SHEET G-1 FOR GENERAL NOTES AND LEGEND FOR CONSTRUCTION SEQUENCING NOTES.
12. CONTRACTOR WILL NOTIFY OWNER, ENGINEER, AND ARCHITECT IMMEDIATELY IF SITE CONDITIONS DIFFER FROM WHAT IS SHOWN ON PLAN.
13. CONTRACTOR WILL PROTECT ALL EXISTING UTILITIES WITHIN THE LIMIT OF WORK. CONTRACTOR WILL BE RESPONSIBLE FOR DAMAGES TO EXISTING UTILITIES AND ALL COSTS ASSOCIATED WITH REPLACEMENT OR REPAIR WILL BE BORNE BY THE CONTRACTOR.
14. CONTRACTOR WILL PROTECT ALL SITE FEATURES OUTSIDE LIMIT OF WORK SHOWN HEREON. CONTRACTOR WILL BE RESPONSIBLE FOR DAMAGES TO EXISTING SITE FEATURES AND ALL COSTS ASSOCIATED WITH REPLACEMENT OR REPAIR WILL BE BORNE BY THE CONTRACTOR.
15. DEMOLITION/REMOVAL OF EXISTING STORMWATER STRUCTURES AND PIPING WILL BE CONDUCTED DRY CONDITIONS TO THE EXTENT PRACTICAL. INSTALLATION OF NEW STRUCTURES AND PIPE WILL BE CONDUCTED PRIOR TO DEMOLITION TO THE EXTENT PRACTICAL.
16. PRIOR TO THE START OF CONSTRUCTION AND ISSUANCE OF ANY PERMITS, A PRE-CONSTRUCTION MEETING WILL BE HELD WITH CITY OF CONCORD ENGINEERING SERVICES TO DISCUSS SITE INSPECTIONS, ASSOCIATED FEES, SCHEDULE, ETC.

0 50' 100'
GRAPHIC SCALE
1" = 50'

KEYPLAN



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LIBERTY STREET
CONCORD, NH 03301

CIVIL PERMITTING DRAWINGS
12/17/2025 (NOT FOR CONSTRUCTION)

STATE OF NEW HAMPSHIRE
JOHN CHRIS NADEAU
No. 9294
LICENSED PROFESSIONAL ENGINEER

12/17/2025

CONCORD MIDDLE SCHOOL
CONCORD, NEW HAMPSHIRE
DEMOLITION PLAN OVERVIEW

SCALE: 1" = 50' | DRAWN BY: JR & KLR | CHECKED BY: JCN

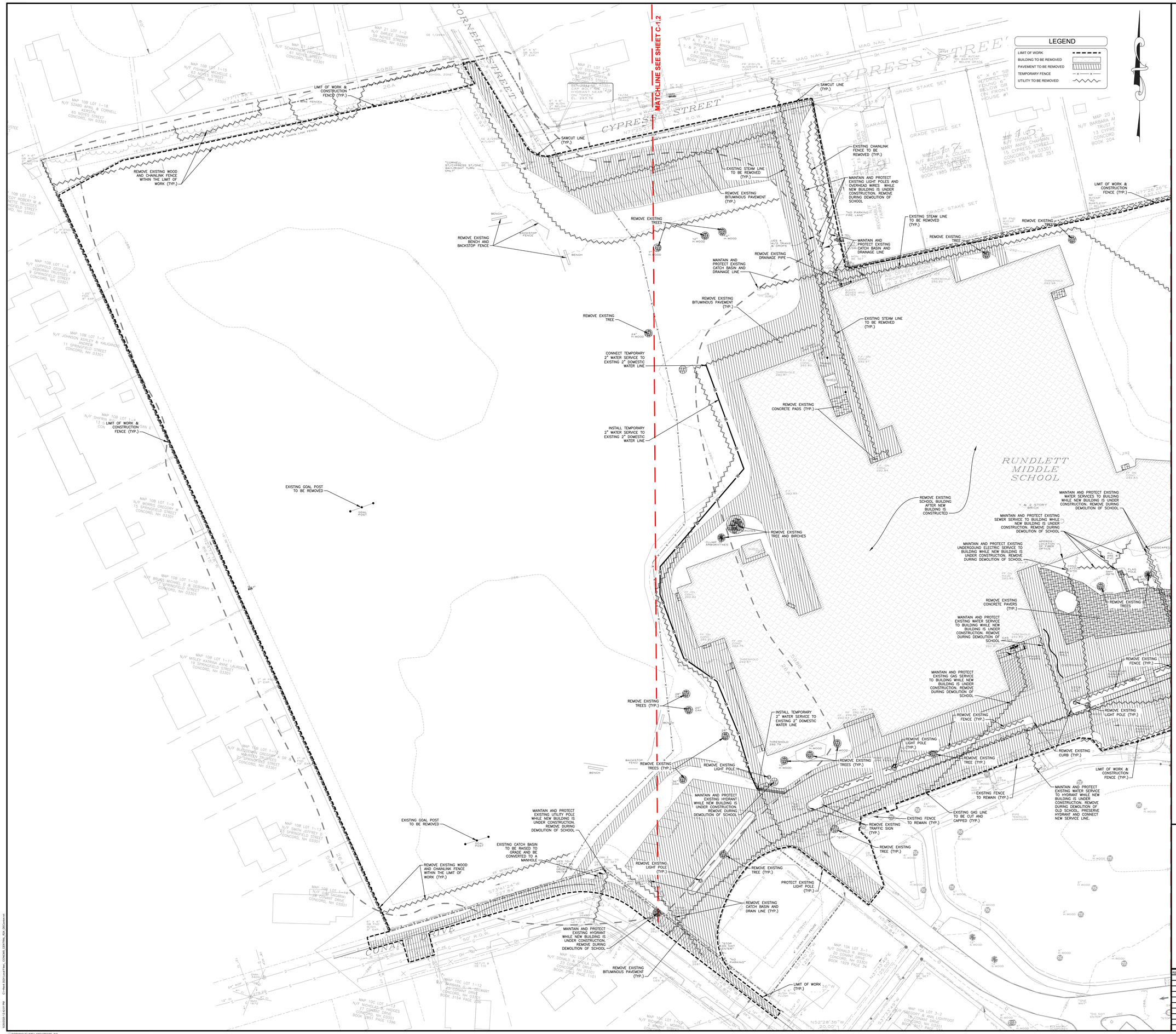
REVISIONS NO.	DATE	REMARKS	BY

DRAWING NUMBER
C-1.0

JOB NUMBER 100828.040

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CIVIL PERMITTING DRAWINGS
12/17/2025 (NOT FOR CONSTRUCTION)

STATE OF NEW HAMPSHIRE
CHRISTOPHER J. NADEAU
No. 9294
LICENSED PROFESSIONAL ENGINEER

KEYPLAN

12/17/2025

REVISIONS NO.	DATE	REMARKS	BY

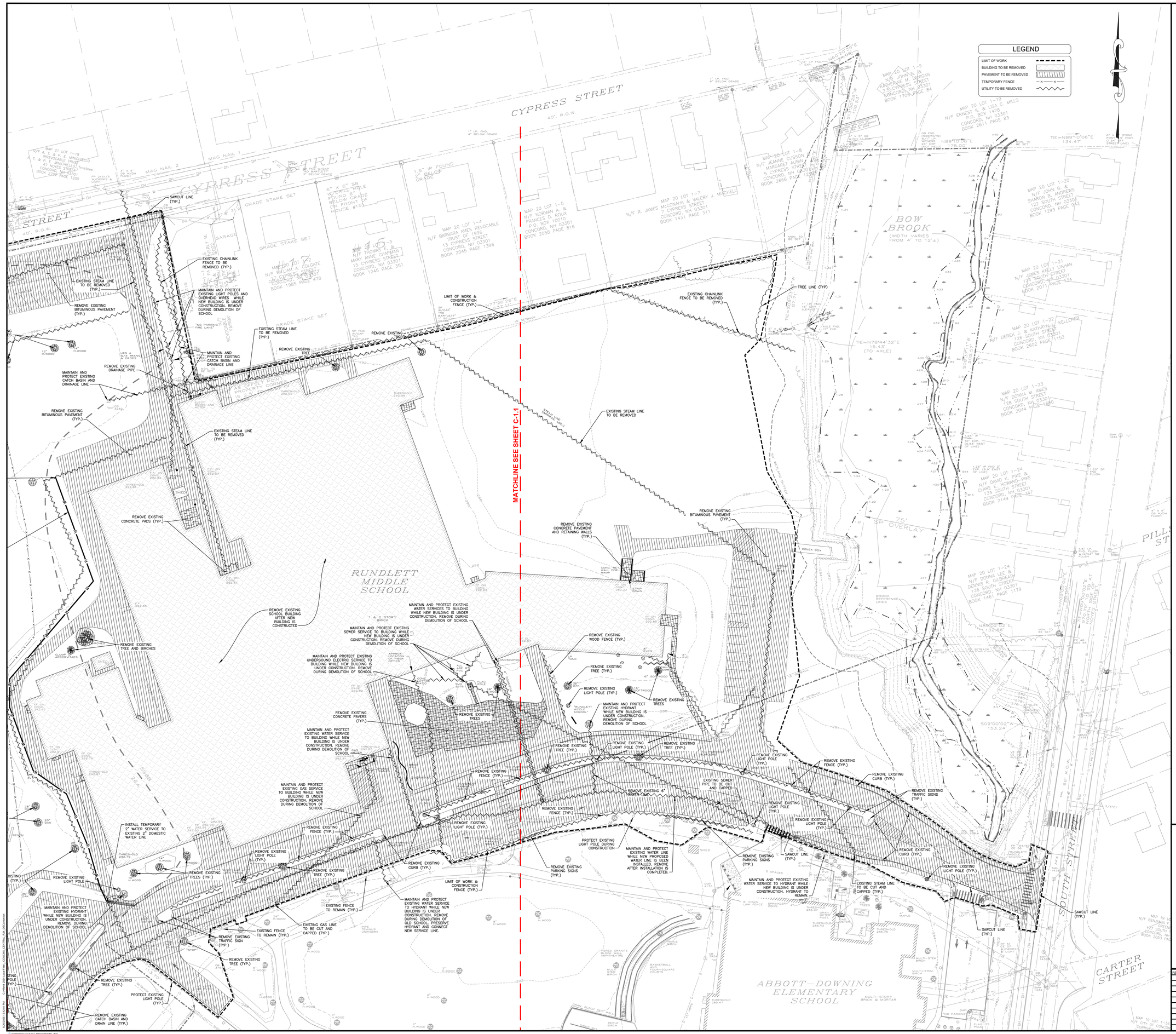
CONCORD MIDDLE SCHOOL
CONCORD, NEW HAMPSHIRE
DEMOLITION PLAN

CHECKED BY: JCN
DRAWN BY: JR & KLR
SCALE: 1" = 30'

DRAWING NUMBER
C-1.1

JOB NUMBER 100636.040

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CIVIL PERMITTING DRAWINGS
12/17/2025 (NOT FOR CONSTRUCTION)

GRAPHIC SCALE
0 30' 60'
1" = 30'

STATE OF NEW HAMPSHIRE
JOHN CHRIS NADEAU
No. 9294
LICENSED PROFESSIONAL ENGINEER

KEYPLAN

12/17/2025

CONCORD MIDDLE SCHOOL
CONCORD, NEW HAMPSHIRE
DEMOLITION PLAN

SCALE: 1" = 30'
DRAWN BY: JR & KLR
CHECKED BY: JCN

REVISIONS NO.	DATE	REMARKS	BY

DRAWING NUMBER
C-1.2

JOB NUMBER 100628.040

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SHEET C-2.1

SHEET C-2.2

NOTES:

1. THE PURPOSE OF THIS PLAN IS TO DEPICT THE PROPOSED LAYOUT FOR A NEW 3-STORY INSTITUTIONAL BUILDING.
2. ALL BUILDING AND SITE CONSTRUCTION TO COMPLY WITH THE RULES AND REGULATIONS OF THE AMERICANS WITH DISABILITY ACT (ADA) LATEST EDITION.
3. DIMENSIONS SHOWN TAKE PRECEDENCE OVER SCALED DIMENSIONS. THE CONTRACTOR TO USE CAUTION WHEN SCALING REPRODUCED PLANS. IN THE EVENT OF A CONFLICT BETWEEN THIS PLAN SET AND ANY OTHER DRAWINGS AND / OR SPECIFICATIONS, THE ENGINEER WILL BE NOTIFIED BY THE CONTRACTOR.
4. PROPOSED BUILDING WILL BE SERVICED BY PUBLIC WATER AND SEWER.
5. THE CONTRACTOR IS RESPONSIBLE FOR CONTACTING DIG SAFE (1-888-DIG-SAFE) AT LEAST 72 HOURS PRIOR TO THE COMMENCEMENT OF WORK. THE CONTRACTOR WILL COORDINATE WORK WITH THE CITY FIRE, POLICE, AND COMMUNITY DEVELOPMENT DEPARTMENTS.
6. A MANDATORY PRE-CONSTRUCTION MEETING WILL NEED TO BE HELD PRIOR TO ISSUANCE OF ANY PERMITS TO DISCUSS INSPECTION FEES, CONSTRUCTION SCHEDULE, ETC.
7. REFER TO CONSTRUCTION DETAIL SHEETS FOR ALL APPLICABLE SITE DETAILS.
8. CONTRACTOR WILL NOTIFY ENGINEERS IMMEDIATELY IF SITE CONDITIONS DIFFER FROM WHAT IS SHOWN ON PLAN.
9. REFER TO SHEET G-1 FOR GENERAL NOTES AND LEGEND.

PLAN REFERENCES:

1. EXISTING CONDITIONS, TOPOGRAPHICAL INFORMATION, NORTH ORIENTATION, NORTH ARROW, AND COORDINATE VALUES DEPICTED ON THESE DRAWINGS ARE BASED ON PLANS TITLED "EXISTING CONDITIONS PLAT OF LAND OF CONCORD UNION SCHOOL DISTRICT", DATED APRIL 21, 2025, PROVIDED TO NOBIS GROUP, BY RICHARD D. BARTLETT & ASSOCIATES, LLC.
2. BUILDING FOOTPRINT REPRESENTS FIRST FLOOR PROVIDED TO NOBIS GROUP, BY HMFH ON JUNE 6, 2025. THE FOOTPRINT SHOULD NOT BE USED FOR LAYOUT OF BUILDING CORNERS. REFER TO ARCHITECTURAL/STRUCTURAL PLANS FOR FOUNDATION AND BUILDING DIMENSIONS TO BE USED FOR LAYOUT OF NEW BUILDINGS.

ZONING ANALYSIS

TAX MAP/BLOCK/LOT:	MAP 7914/ZLOT 98-1
ADDRESS:	144 SOUTH STREET CONCORD, NH
ZONING DISTRICT:	SINGLE FAMILY RESIDENTIAL (RS) DISTRICT

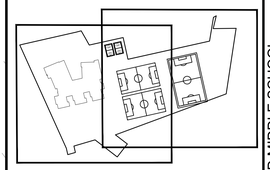
MINIMUM LOT AREA	12,500 SF	PROVIDED 930,179 SF
MINIMUM LOT FRONTAGE	100'	PROVIDED >100'
MAXIMUM LOT COVERAGE	40%	PROVIDED 33%
INT. LANDSCAPING MINIMUM	5%	PROVIDED >5%
BUILDING SETBACKS REQUIRED	FRONT YARD - 25' SIDE YARD - 15' REAR YARD - 25'	PROVIDED 132' 67' N/A

REQUIRED PARKING SPACES
= 2 SPACES / CLASSROOM + ASSEMBLY SPACE

	REQUIRED	EXISTING	PROPOSED
TOTAL SPACES:	300	153	212
ACCESSIBLE SPACES:	7	5	8

0 50' 100'
GRAPHIC SCALE

KEYPLAN



REVISIONS NO. | DATE | REMARKS | BY

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CIVIL PERMITTING DRAWINGS
12/17/2025 (NOT FOR CONSTRUCTION)

STATE OF NEW HAMPSHIRE
JOHN CHRIS NADEAU
No. 9294
LICENSED PROFESSIONAL ENGINEER

12/17/2025

CONCORD MIDDLE SCHOOL
CONCORD, NEW HAMPSHIRE
SITE PLAN OVERVIEW

SCALE: 1" = 50' | DRAWN BY: JR & KLR | CHECKED BY: JCN

DRAWING NUMBER
C-2.0

JOB NUMBER 150828.040

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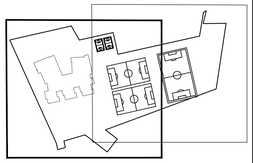
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SIGN SUMMARY

M.U.T.C.D. NUMBER	SPECIFICATION WIDTH	SPECIFICATION HEIGHT	MOUNTING HEIGHT	SIGN
R1-1	30"	30"	7'-0"	STOP
R7-8	12"	18"	7'-0"	RESERVED PARKING
R7-8A	12"	6"	6'-5"	VAN ACCESSIBLE
R5-1	30"	30"	7'-0"	DO NOT ENTER
R8-3A	12"	18"	7'-0"	NO PARKING
R6-1(R)(L)	36"	12"	7'-0"	ONE WAY
R6-2(R)(L)	24"	30"	7'-0"	ONE WAY
R3-2	24"	24"	7'-0"	
R3-1	24"	24"	7'-0"	

0 30' 60'
GRAPHIC SCALE

KEYPLAN



REVISIONS NO.	DATE	REMARKS	BY

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CIVIL PERMITTING DRAWINGS
12/17/2025 (NOT FOR CONSTRUCTION)

STATE OF NEW HAMPSHIRE
JOHN CHRIS NADEAU
No. 9294
LICENSED PROFESSIONAL ENGINEER

12/17/2025

CONCORD MIDDLE SCHOOL
CONCORD, NEW HAMPSHIRE
SITE PLAN

SCALE: 1" = 30' | DRAWN BY: JR & KLR | CHECKED BY: JCN

DRAWING NUMBER
C-2.1

JOB NUMBER 100628.540

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SIGN SUMMARY

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R3-2	24"	24"	7'-0"	
R3-1	24"	24"	7'-0"	

CYPRESS STREET

STREET

BOW BROOK
(WIDTH VARIES FROM 4' TO 12'±)

SOUTH STREET

CARTER STREET

PILL... ST...

MAP 21 LOT 1-19
N/F A. T. & P. E. MINICHIELLO A. T. & P. E. MINICHIELLO, Trustees IRREVOCABLE TRUST
47 NOYES STREET
CONCORD, NH 03301
BOOK 2724 PAGE 1704
PP 3151/25 W/OFFSPS & PIPE

MAP 20 LOT 1-1
MARCELO A. & BRITNEY M. GONZALES
OF THE OF 2022
N/F THE GONZALES FAMILY TRUST OF 2022
REVOCABLE TRUST DATED 3/1/2022
FAIRBANKS, JOSEPH
CONCORD, NH 03301
BOOK 231 PAGE 1841

MAP 20 LOT 1-2
N/F WILLIAM A. COLGATE
17 CYPRESS STREET
CONCORD, NH 03301
BOOK 1985 PAGE 478

MAP 20 LOT 1-3
N/F THOMAS E. & MARY ANNE CHAPMAN
15 CYPRESS STREET
CONCORD, NH 03301
BOOK 1245 PAGE 351

MAP 20 LOT 1-4
N/F BARBARA AMES REVOCABLE TRUST OF 1996
13 CYPRESS STREET
CONCORD, NH 03301
BOOK 2045 PAGE 1396

MAP 20 LOT 1-5
N/F NORMAN A. & FRANCES D. ROUX
P.O. BOX 10010
CONCORD, NH 03301
BOOK 2058 PAGE 816

MAP 20 LOT 1-7
N/F R. JAMES McCONAHA & VALERY J. MITCHELL
7 CYPRESS STREET
CONCORD, NH 03301
BOOK 1431 PAGE 311

MAP 20 LOT 1-8
N/F JEANNE CUSSON & MARGARET AUBIN
5 CYPRESS STREET
CONCORD, NH 03301
BOOK 2666 PAGE 1210

MAP 20 LOT 1-9
N/F JOHN N. & KATHERINE M. LANIGAN
3.5 CYPRESS STREET
CONCORD, NH 03301
BOOK 1706 PAGE 84

MAP 20 LOT 1-19
N/F ERNEST S. & LISA C. MILLS
P.O. BOX 1478
CONCORD, NH 03301
BOOK 2611 PAGE 83

MAP 20 LOT 1-20
N/F JOHN B. & SHARON B. ANDREWS
122 SOUTH STREET
CONCORD, NH 03301
BOOK 1293 PAGE 942

MAP 20 LOT 1-21
N/F JAMES KELLY UNHAN
124 SOUTH STREET
CONCORD, NH 03301
BOOK 2071 PAGE 134

MAP 20 LOT 1-22
N/F DEREK J. & KATHRYN L. KELLEHER
126 SOUTH STREET
CONCORD, NH 03301
BOOK 2602 PAGE 1152

MAP 20 LOT 1-23
N/F DONNA M. AMES
128 SOUTH STREET
CONCORD, NH 03301
BOOK 2044 PAGE 1680

MAP 20 LOT 1-24
N/F DAVID K. PIKE & CLARE E. HOWARD-PIKE
134 SOUTH STREET
CONCORD, NH 03301
BOOK 2149 PAGE 347

MAP 20 LOT 1-24
N/F DONNA LEE & DENNIS R. GILBREATH
136 SOUTH STREET
CONCORD, NH 03301
BOOK 1461 PAGE 1179

MAP 19 LOT 1-3
N/F CITY OF CONCORD

PROPOSED "DO NOT ENTER" SIGN. (R5-1)
PROPOSED "STOP" SIGN. (R1-1)
PROPOSED "NO LEFT TURN" SIGN (R3-2)

TIP DOWN CURB

PROPOSED BASKETBALL COURTS.

PROPOSED 6-FT WIDE BITUMINOUS PAVEMENT SIDEWALK.

PROPOSED PLAYGROUND AREA.

PROPERTY LINE (TYP.)

PROPOSED TREE LINE. (TYP.)

PROPOSED SOCCER FIELDS. (REFER TO LANDSCAPE PLANS.)

PROPOSED WALKWAY CANOPIES (TYP.)

PROPOSED FLUSH CONCRETE CURB

PROPOSED FLUSH VERTICAL GRANITE CURB

PROPOSED ACCESSIBLE PARKING SPACE. (TYP. OF 6)

PROPOSED ELECTRIC VEHICLE PARKING SPACE. (TYP. OF 4)

PROPOSED "STOP" SIGN. (R1-1)

PROPOSED PARKING LOT. (134 SPACES)

ADA ACCESSIBLE RAMP WITH DETECTABLE WARNING PANEL (TYP.)

PROPOSED LIGHT POLE. (TYP.)

INSTALL ADA RAMP TO EXISTING WALK

PROPOSED "STOP" SIGN. (R1-1)
PROPOSED "NO RIGHT TURN " SIGN (R3-1)

PROPOSED SINGLE SOLID WHITE LINE (TYP).

PROPOSED 6 BICYCLE RACK ON A 9' X 23' CONCRETE PAD.

PROPOSED 5-FT WIDE BITUMINOUS PAVEMENT SIDEWALK. (TYP.)

PROPOSED 24-FT WIDE BITUMINOUS PAVEMENT DRIVEWAY. (TYP.)

PROPOSED CHAIN LINK FENCE. (TYP.)

PROPOSED 5-FT WIDE PERVIOUS ASPHALT SIDEWALK.

PROPOSED LIGHT POLE. (TYP.)

PROPOSED 5-FT WIDE BITUMINOUS PAVEMENT SIDEWALK. (TYP.)

PROPOSED "ONE WAY" SIGN. (R6-2(R)(L))

PROPOSED "CONCORD MIDDLE SCHOOL" SIGN.

PROPOSED SAWCUT LINE (TYP).

PROPOSED 5-FT WIDE PERVIOUS ASPHALT SIDEWALK.

PROPOSED "STOP" SIGN. (R1-1)
PROPOSED "NO RIGHT TURN " SIGN (R3-1)

PROPOSED 5-FT WIDE PERVIOUS ASPHALT SIDEWALK.

PROPOSED SAWCUT LINE (TYP).

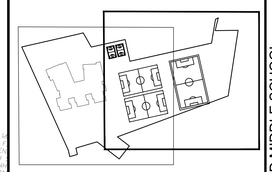
EXISITNG WETLANDS.

MATCHLINE SEE SHEET C-2.1

MATCHLINE SEE SHEET C-2.2

0 30' 60'
GRAPHIC SCALE

KEYPLAN



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CIVIL PERMITTING DRAWINGS
12/17/2025 (NOT FOR CONSTRUCTION)

JOHN CHRIS NADEAU No. 9394 LICENSED PROFESSIONAL ENGINEER
NEW HAMPSHIRE

12/17/2025

CONCORD MIDDLE SCHOOL
CONCORD, NEW HAMPSHIRE
SITE PLAN

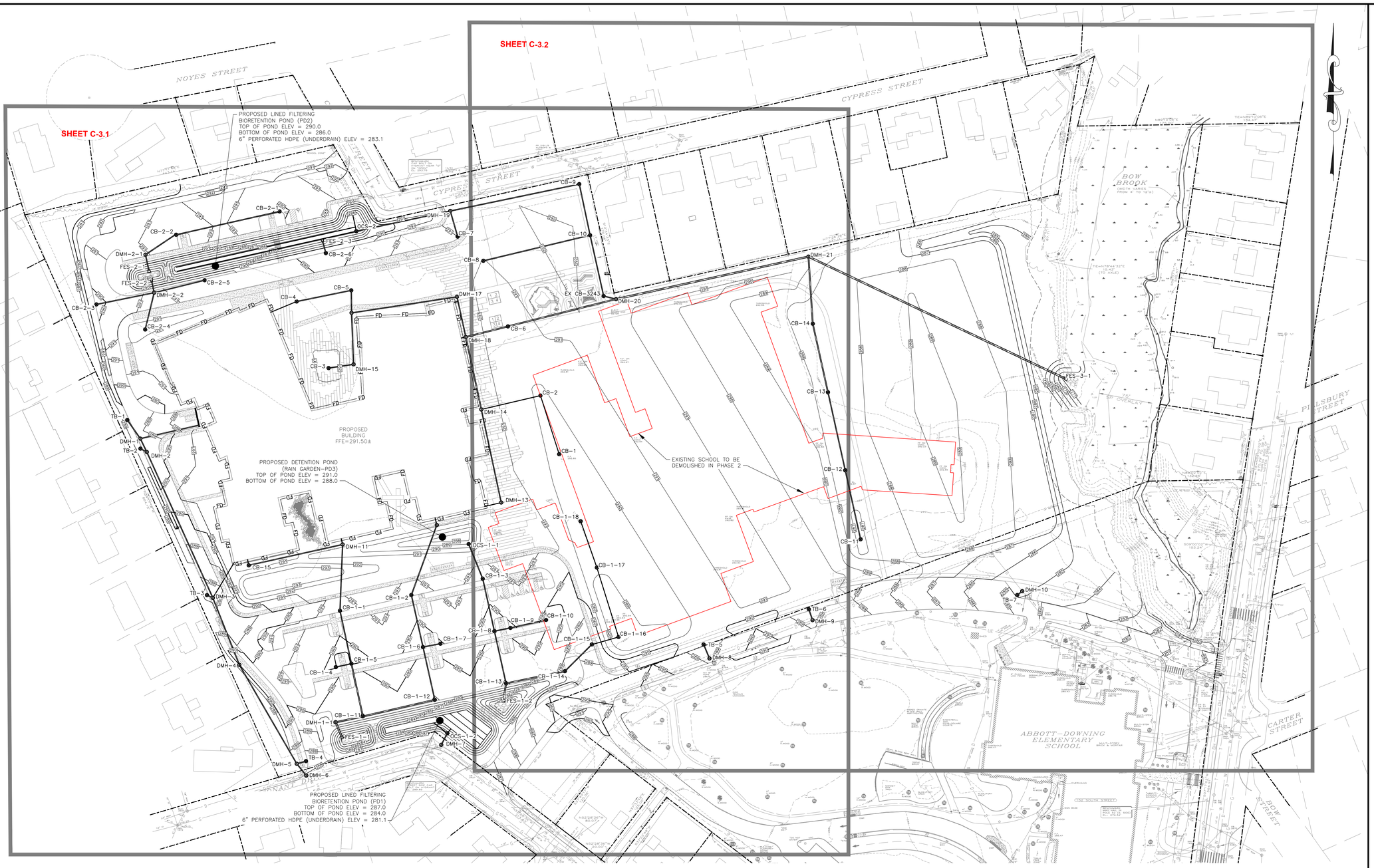
CHECKED BY: JCN
DRAWN BY: JR & KLR
SCALE: 1" = 30'

REVISIONS NO.	DATE	REMARKS	BY

DRAWING NUMBER
C-2.2

JOB NUMBER 100826.040

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NOTES:

1. REFER TO SURVEYOR'S PLAN FOR BASE PLAN REFERENCES AND ADDITIONAL NOTES.
2. ALL ELEVATIONS SHOWN ARE IN REFERENCE TO THE SURVEY PLAN AND MUST VERIFIED BY THE GENERAL CONTRACTOR PRIOR TO THE START OF CONSTRUCTION.
3. CONTRACTOR WILL NOTIFY OWNER & ENGINEER IMMEDIATELY IF SITE CONDITIONS DIFFER FROM WHAT IS SHOWN ON PLAN.
4. SPOT ELEVATIONS SHOWN AT BUILDING CORNERS ARE PROPOSED GROUND ELEVATIONS.
5. ALL ELEVATIONS SHOWN ARE IN REFERENCE TO THE BENCHMARK AND MUST BE VERIFIED BY THE GENERAL CONTRACTOR AT GROUNDBREAK.
6. LOCATIONS AND ELEVATIONS OF EXISTING UTILITIES ARE APPROXIMATE ONLY AND ARE BASED ON RECORDS FROM THE UTILITY COMPANIES AND FIELD MEASUREMENTS OF VISIBLE STRUCTURES. THE CONTRACTOR IS RESPONSIBLE FOR LOCATING ALL UTILITIES PRIOR TO CONSTRUCTION AND WILL NOTIFY ENGINEER AND OWNER IMMEDIATELY OF ANY CONFLICTS.
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9. ALL STORM DRAIN PIPING WITH LESS THAN 3.0 FEET OF COVER WILL BE OVERLAID WITH 2" THICK RIGID INSULATION FOR THE FULL WIDTH OF PIPE TRENCH.
10. REFER TO SHEET G-1 FOR GENERAL NOTES AND LEGEND.

DRAIN STRUCTURE TABLE

STRUCTURE	STRUCTURE DETAILS
CB-1	RIM = 289.5 INV OUT = 285.40 (CB-2)
CB-1-1	RIM = 290.5 INV IN = 286.60 (DMH-11) INV OUT = 286.50 (CB-1-5)
CB-1-2	RIM = 290.5 INV IN = 286.60 (DMH-22) INV OUT = 286.50 (CB-1-6)
CB-1-3	RIM = 290.5 INV IN = 285.30 (OCS-1-1) INV OUT = 285.20 (CB-1-8)
CB-1-4	RIM = 289.8 INV OUT = 286.20 (CB-1-5)
CB-1-5	RIM = 289.5 INV IN = 286.00 (CB-1-1) INV IN = 286.00 (CB-1-4) INV OUT = 285.90 (CB-1-11)
CB-1-6	RIM = 289.8 INV IN = 286.00 (CB-1-7) INV IN = 286.00 (CB-1-2) INV OUT = 285.90 (CB-1-12)
CB-1-7	RIM = 290.0 INV OUT = 286.20 (CB-1-6)
CB-1-8	RIM = 289.5 INV IN = 284.80 (CB-1-9) INV IN = 284.80 (CB-1-3) INV OUT = 284.70 (CB-1-13)
CB-1-9	RIM = 289.9 INV IN = 285.10 (CB-1-10) INV OUT = 285.00 (CB-1-8)
CB-1-10	RIM = 289.8 INV OUT = 285.40 (CB-1-9)

DRAIN STRUCTURE TABLE

STRUCTURE	STRUCTURE DETAILS
CB-1-11	RIM = 289.0 INV IN = 284.90 (CB-1-12) INV IN = 285.50 (CB-1-5) INV OUT = 284.80 (DMH-1-1)
CB-1-12	RIM = 289.0 INV IN = 285.50 (CB-1-6) INV OUT = 285.40 (CB-1-11)
CB-1-13	RIM = 289.0 INV IN = 284.30 (CB-1-8) INV IN = 284.30 (CB-1-14) INV OUT = 284.20 (FES-1-2)
CB-1-14	RIM = 288.8 INV IN = 284.80 (CB-1-15) INV OUT = 284.70 (CB-1-13)
CB-1-15	RIM = 288.2 INV IN = 285.10 (CB-1-16) INV OUT = 285.00 (CB-1-14)
CB-1-16	RIM = 288.5 INV IN = 285.40 (CB-1-17) INV OUT = 285.30 (CB-1-15)
CB-1-17	RIM = 289.2 INV IN = 286.00 (CB-1-18) INV OUT = 285.90 (CB-1-16)
CB-1-18	RIM = 289.5 INV OUT = 286.30 (CB-1-17)
CB-2	RIM = 289.8 INV IN = 285.00 (CB-1) INV OUT = 284.90 (DMH-14)
CB-2-1	RIM = 289.9 INV OUT = 287.50 (CB-2-2)
CB-2-2	RIM = 290.1 INV IN = 286.70 (CB-2-1) INV OUT = 286.60 (DMH-2-1)

DRAIN STRUCTURE TABLE

STRUCTURE	STRUCTURE DETAILS
CB-2-3	RIM = 289.8 INV OUT = 286.80 (DMH-2-2)
CB-2-4	RIM = 290.5 INV OUT = 286.70 (DMH-2-2)
CB-2-5	RIM = 290.0 INV OUT = 286.80 (DMH-2-2)
CB-2-6	RIM = 289.4 INV OUT = 286.40 (FES-2-3)
CB-3	RIM = 290.8 INV OUT = 284.60 (DMH-15)
CB-4	RIM = 290.5 INV IN = 286.00 (FD-4) INV OUT = 285.40 (CB-5)
CB-5	RIM = 290.0 INV IN = 285.00 (CB-4) INV OUT = 284.90 (DMH-16)
CB-6	RIM = 290.5 INV IN = 282.30 (DMH-18) INV OUT = 282.20 (DMH-20)
CB-7	RIM = 291.0 INV OUT = 287.00 (DMH-19)
CB-8	RIM = 291.0 INV OUT = 287.00 (CB-10)
CB-9	RIM = 291.0 INV IN = 281.40 (DMH-19) INV OUT = 281.30 (CB-10)

DRAIN STRUCTURE TABLE

STRUCTURE	STRUCTURE DETAILS
CB-10	RIM = 291.5 INV IN = 281.00 (CB-9) INV IN = 286.00 (CB-8) INV OUT = 280.90 (EX CB-3243)
CB-11	RIM = 288.4 INV OUT = 284.30 (CB-12)
CB-12	RIM = 287.5 INV IN = 283.30 (CB-11) INV OUT = 283.20 (CB-13)
CB-13	RIM = 287.0 INV IN = 282.10 (CB-12) INV OUT = 282.00 (CB-14)
CB-14	RIM = 287.0 INV IN = 281.10 (CB-13) INV OUT = 281.00 (DMH-21)
CB-15	RIM = 292.5 INV IN = 288.30 (ROOF-1) INV OUT = 288.00 (DMH-11)
DMH-1	RIM = 289.1 INV IN = 283.80 (TRENCH) INV IN = 283.80 (TB-1) INV OUT = 283.70 (DMH-2)
DMH-1-1	RIM = 2871.4 INV IN = 284.60 (CB-1-11) INV OUT = 284.50 (FES-1-1)
DMH-2	RIM = 289.1 INV IN = 283.60 (DMH-1) INV IN = 283.90 (TB-2) INV OUT = 283.60 (DMH-3)
DMH-2-1	RIM = 291.1 INV IN = 286.40 (CB-2-2) INV OUT = 286.30 (FES-2-1)
DMH-2-2	RIM = 291.0 INV IN = 286.40 (CB-2-5) INV IN = 286.40 (CB-2-3) INV IN = 286.40 (CB-2-4) INV OUT = 286.30 (FES-2-2)

DRAIN STRUCTURE TABLE

STRUCTURE	STRUCTURE DETAILS
DMH-3	RIM = 287.8 INV IN = 282.80 (DMH-2) INV IN = 282.80 (TB-3) INV IN = 284.00 (FD-1) INV OUT = 282.70 (DMH-4)
DMH-4	RIM = 290.0 INV IN = 282.30 (DMH-3) INV OUT = 282.20 (DMH-5)
DMH-5	RIM = 288.4 INV IN = 283.00 (TB-4) INV IN = 281.60 (DMH-4) INV OUT = 281.50 (DMH-6)
DMH-6	RIM = 288.0 INV IN = 281.40 (DMH-5) INV IN = 280.50 (EX DMH 3400) INV OUT = 280.40 (EX CB-2630)
DMH-7	RIM = 286.6 INV IN = 279.90 (OCS-1-2) INV IN = 279.70 (EX CB-2630) INV OUT = 279.70 (EX CB-2627)
DMH-8	RIM = 289.1 INV IN = 283.00 (TB-5) INV IN = 278.44 (EX DMH 8891) INV OUT = 278.44 (DMH-9)
DMH-9	RIM = 288.9 INV IN = 283.00 (TB-6) INV IN = 278.16 (DMH-8) INV OUT = 278.16 (EX DMH 8906)
DMH-10	RIM = 285.1 INV IN = 279.70 (TB-7) INV IN = 276.91 (EX DMH 8906) INV OUT = 276.90 (EX DMH 8889)
DMH-11	RIM = 291.4 INV IN = 287.50 (ROOF-2) INV IN = 287.30 (CB-15) INV OUT = 287.20 (CB-1-1)
DMH-13	RIM = 289.4 INV IN = 286.00 (FD-2) INV OUT = 284.00 (DMH-14)
DMH-14	RIM = 291.4 INV IN = 283.30 (DMH-13) INV IN = 284.50 (CB-2) INV OUT = 283.20 (DMH-18)

DRAIN STRUCTURE TABLE

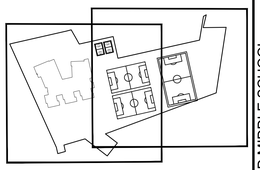
STRUCTURE	STRUCTURE DETAILS
DMH-15	RIM = 291.3 INV IN = 284.40 (CB-3) INV OUT = 284.30 (DMH-16)
DMH-16	RIM = 290.8 INV IN = 283.90 (DMH-15) INV IN = 284.60 (CB-5) INV OUT = 283.80 (DMH-17)
DMH-17	RIM = 291.5 INV IN = 283.10 (DMH-16) INV OUT = 283.00 (DMH-18)
DMH-18	RIM = 291.4 INV IN = 282.70 (DMH-17) INV IN = 282.70 (DMH-14) INV IN = 286.50 (FD-3) INV OUT = 282.60 (CB-6)
DMH-19	RIM = 292.0 INV IN = 282.30 (OCS-2) INV IN = 286.50 (CB-7) INV OUT = 282.20 (CB-9)
DMH-20	RIM = 291.6 INV IN = 280.30 (EX CB-3243) INV IN = 281.60 (CB-6) INV OUT = 280.20 (DMH-21)
DMH-21	RIM = 290.0 INV IN = 279.00 (DMH-20) INV IN = 280.10 (CB-14) INV OUT = 278.90 (FES-3-1)
DMH-22	RIM = 0.0 INV IN = 287.50 (ROOF-3) INV OUT = 287.30 (CB-1-2)
FES-1-1	INV OUT = 284.40 (PD1)
FES-1-2	INV OUT = 284.00 (PD1)
FES-2-1	INV OUT = 286.20 (PD2)

DRAIN STRUCTURE TABLE

STRUCTURE	STRUCTURE DETAILS
FES-2-2	INV OUT = 286.20 (PD2)
FES-2-3	INV OUT = 286.30 (PD2)
FES-3-1	INV OUT = 277.00
OCS-1-1	RIM = 289.1 INV OUT = 285.60 (CB-1-3)
OCS-1-2	RIM = 286.6 INV IN = 281.10 (PD1-UD1) INV IN = 281.10 (PD1-UD2) INV OUT = 281.00 (DMH-7)
OCS-2	RIM = 289.0 INV IN = 283.10 (PD2-UD2) INV IN = 283.10 (PD2-UD1) INV OUT = 283.00 (DMH-19)
TB-1	RIM = 289.0 INV OUT = 284.00 (DMH-1)
TB-2	RIM = 289.5 INV OUT = 284.00 (DMH-2)
TB-3	RIM = 287.3 INV OUT = 282.90 (DMH-3)
TB-4	RIM = 287.2 INV OUT = 283.20 (DMH-5)
TB-5	RIM = 288.2 INV OUT = 283.20 (DMH-8)
TB-6	RIM = 288.2 INV OUT = 283.20 (DMH-9)
TB-7	RIM = 284.3 INV OUT = 279.80 (DMH-10)
TRENCH	RIM = 287.4 INV OUT = 284.40 (DMH-1)

0 50' 100'
GRAPHIC SCALE

KEYPLAN



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CIVIL PERMITTING DRAWINGS
12/17/2025 (NOT FOR CONSTRUCTION)

JOHN CHRIS NADEAU No. 9294 LICENSED PROFESSIONAL ENGINEER
12/17/2025

CONCORD MIDDLE SCHOOL
CONCORD, NEW HAMPSHIRE
GRADING AND DRAINAGE PLAN OVERVIEW
SCALE: 1" = 50'
DRAWN BY: JR & KLR CHECKED BY: JCN

REVISIONS NO.	DATE	REMARKS	BY

DRAWING NUMBER:
C-3.0

JOB NUMBER 100628.040

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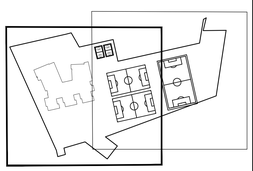
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NOTES:

1. REFER TO SURVEYOR'S PLAN FOR BASE PLAN REFERENCES AND ADDITIONAL NOTES.
2. ALL ELEVATIONS SHOWN ARE IN REFERENCE TO THE SURVEY PLAN AND MUST VERIFIED BY THE GENERAL CONTRACTOR PRIOR TO THE START OF CONSTRUCTION.
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10. REFER TO SHEET G-1 FOR GENERAL NOTES AND LEGEND.

GRAPHIC SCALE 0 30' 60'

KEYPLAN



REVISIONS NO.	DATE	REMARKS	BY

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CIVIL PERMITTING DRAWINGS
12/17/2025 (NOT FOR CONSTRUCTION)

JOHN CHRIS NADEAU No. 9294 LICENSED PROFESSIONAL ENGINEER

12/17/2025

CONCORD MIDDLE SCHOOL
CONCORD, NEW HAMPSHIRE
GRADING AND DRAINAGE PLAN

DRAWN BY: JR & KLR CHECKED BY: JCN

SCALE: 1" = 30'

DRAWING NUMBER
C-3.1

JOB NUMBER 100628.040

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MATCHLINE SEE SHEET C-3.1

REFER TO LANDSCAPE PLAN FOR ALL GRADING FROM SIDEWALK BACK OF CURB TO BUILDING (TYP.)

PROPOSED SIDEWALK AND CROSSWALK SLOPES. (TYP.)
TIP DOWN SLOPE = MAX 8.3%
RUNNING SLOPE = MAX 5%
CROSS SLOPE = MAX 2%

RAISE RIM OF DMH 8906 TO 287.0 (EG = 285.97)

RAISE RIM OF DMH 8891 TO 290.5. (EG = 289.47)

SEDIMENT FOREBAY (SF-1-2)
BOTTOM ELEV = 283.5
SPILLWAY ELEVATION = 286.0

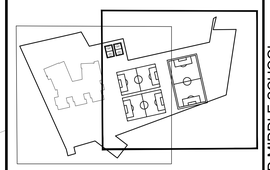
PROPOSED LINED FILTERING BIORETENTION POND (PD1)
TOP OF POND ELEV = 287.0
BOTTOM OF POND ELEV = 284.0
6" PERFORATED HDPE (UNDERDRAIN) ELEV = 281.1

50-FT WETLAND BUFFER

TIE INTO EXISTING GRADES (EG) AT SAWCUT LIMITS. (TYP.)

0 30' 60'
GRAPHIC SCALE

KEYPLAN



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H.M.F.H. ARCHITECTS
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CIVIL PERMITTING DRAWINGS
12/17/2025 (NOT FOR CONSTRUCTION)

STATE OF NEW HAMPSHIRE
JOHN CHRIS NADEAU
No. 9294
LICENSED PROFESSIONAL ENGINEER

12/17/2025

CONCORD MIDDLE SCHOOL
CONCORD, NEW HAMPSHIRE
GRADING AND DRAINAGE PLAN

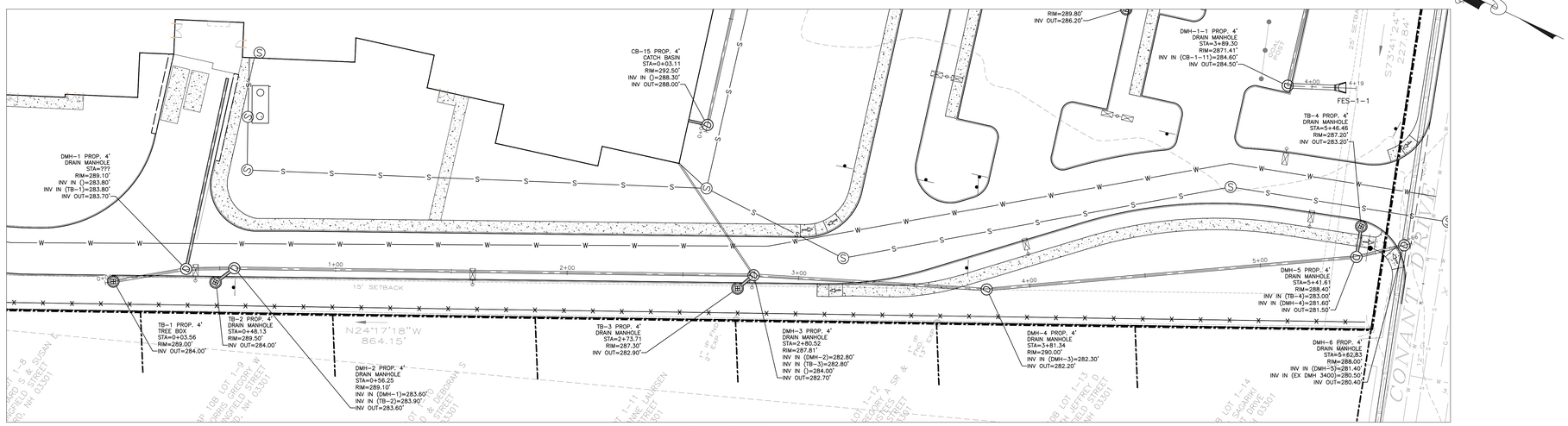
SCALE: 1" = 30' | DRAWN BY: JR & KLR | CHECKED BY: JCN

REVISIONS NO.	DATE	REMARKS	BY

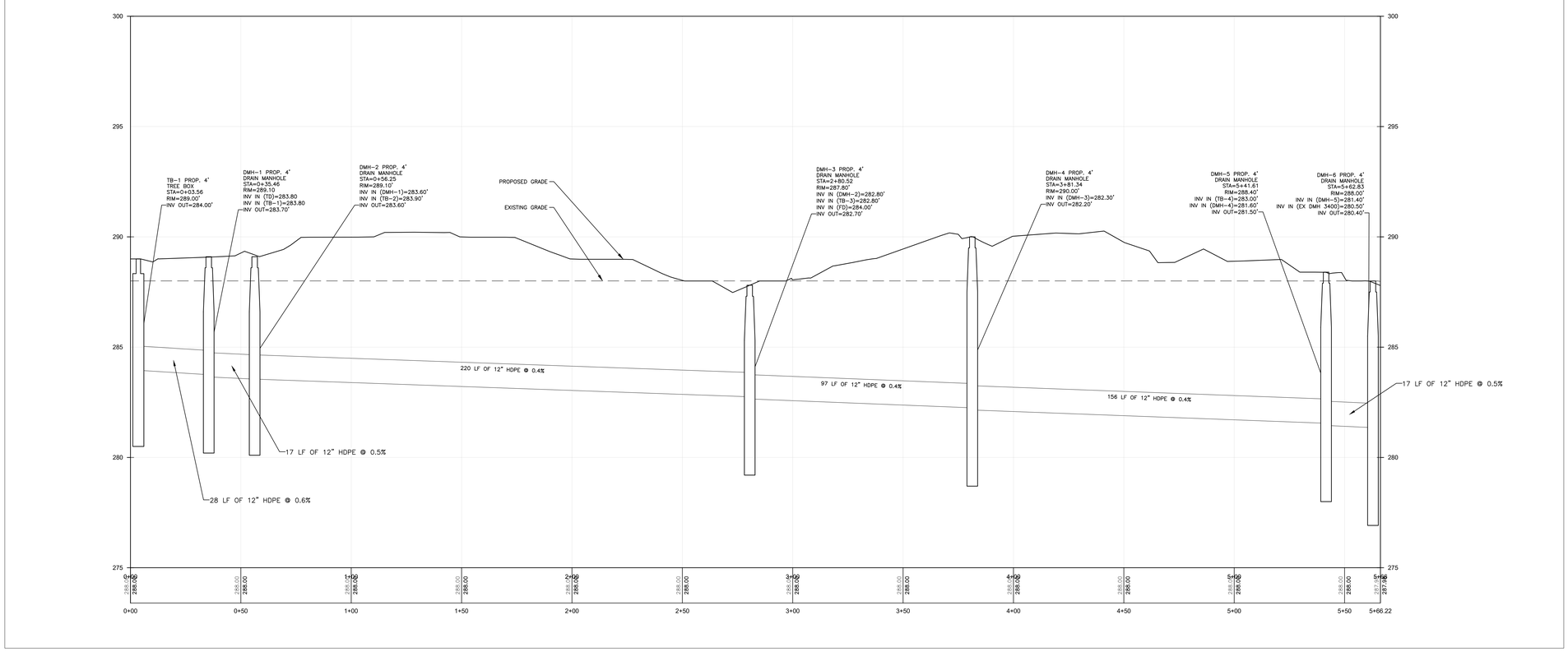
DRAWING NUMBER
C-3.2

JOB NUMBER 100626.040

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DRAINAGE PLAN :
0+00 TO 5+66.00
SCALE: 1" = 20'



DRAINAGE PROFILE:
0+00 TO 5+66.00
HORIZ. SCALE: 1" = 20'
VERT. SCALE: 1" = 5'

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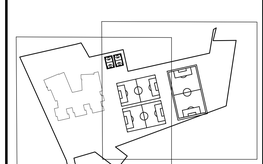
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CIVIL PERMITTING DRAWINGS
12/17/2025 (NOT FOR CONSTRUCTION)

STATE OF NEW HAMPSHIRE
JOHN CHRIS NADEAU
No. 9294
LICENSED PROFESSIONAL ENGINEER
12/17/2025

KEYPLAN



REVISIONS NO.	DATE	REMARKS	BY

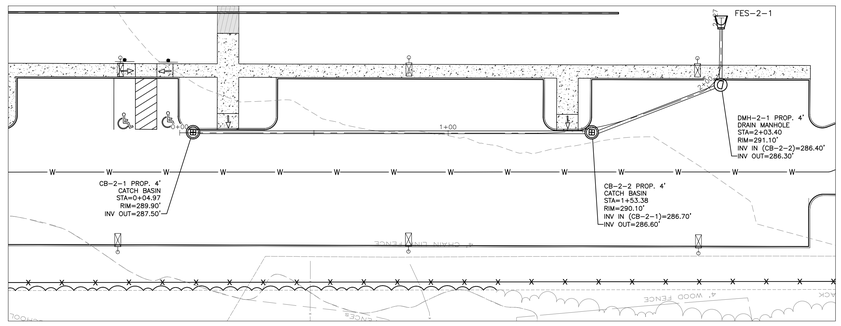
CONCORD MIDDLE SCHOOL
CONCORD, NEW HAMPSHIRE
DRAINAGE PROFILE

DRAWN BY: JR & KLR CHECKED BY: JCN

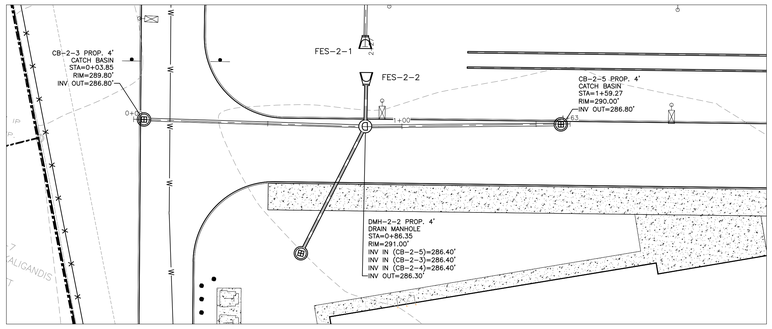
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D-1

JOB NUMBER 100828.040

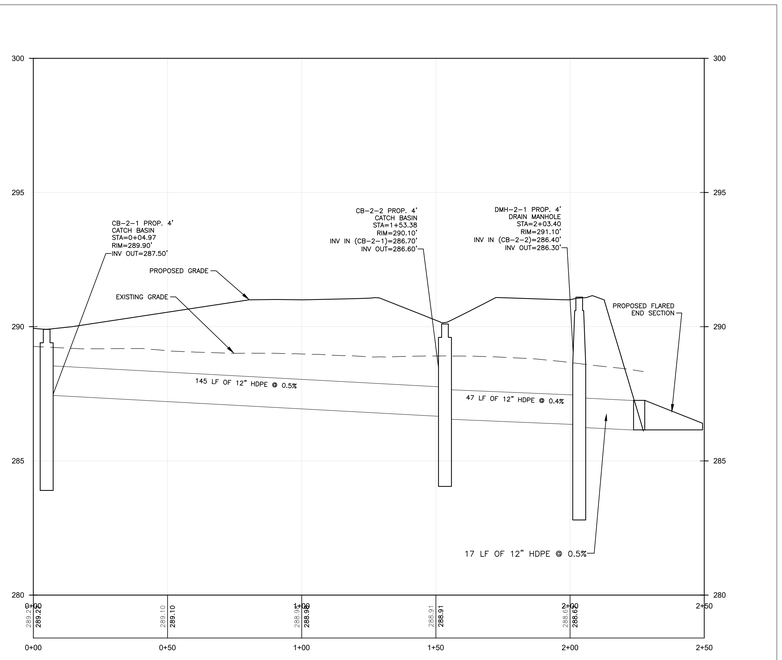
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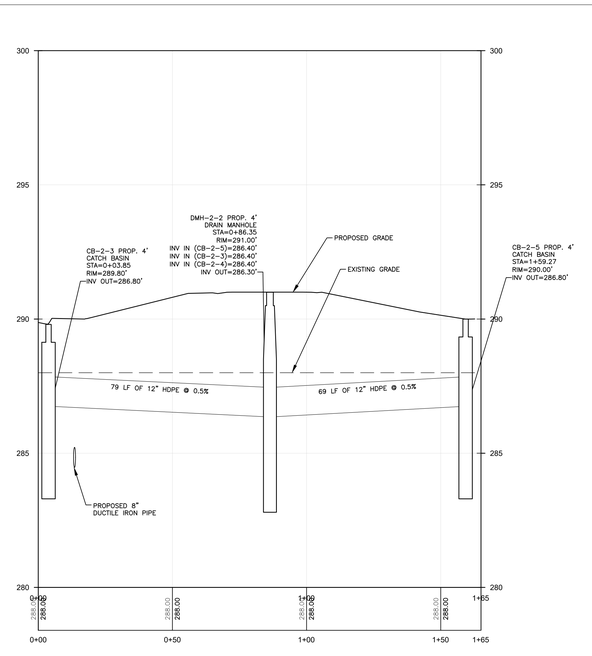
DRAINAGE PLAN :
0+00 TO 2+27.00
SCALE: 1" = 20'



DRAINAGE PLAN :
0+00 TO 1+63.00
SCALE: 1" = 20'



DRAINAGE PROFILE:
0+00 TO 2+27.00
HORIZ. SCALE: 1" = 20'
VERT. SCALE: 1" = 5'



DRAINAGE PROFILE:
0+00 TO 1+63.00
HORIZ. SCALE: 1" = 20'
VERT. SCALE: 1" = 5'

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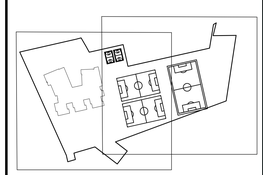
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CIVIL PERMITTING DRAWINGS
12/17/2025 (NOT FOR CONSTRUCTION)

JOHN CHRIS NADEAU No. 9294 LICENSED PROFESSIONAL ENGINEER

KEYPLAN



12/17/2025

CONCORD MIDDLE SCHOOL
CONCORD, NEW HAMPSHIRE
DRAINAGE PROFILE

DRAWN BY: JR & KLR CHECKED BY: JCN

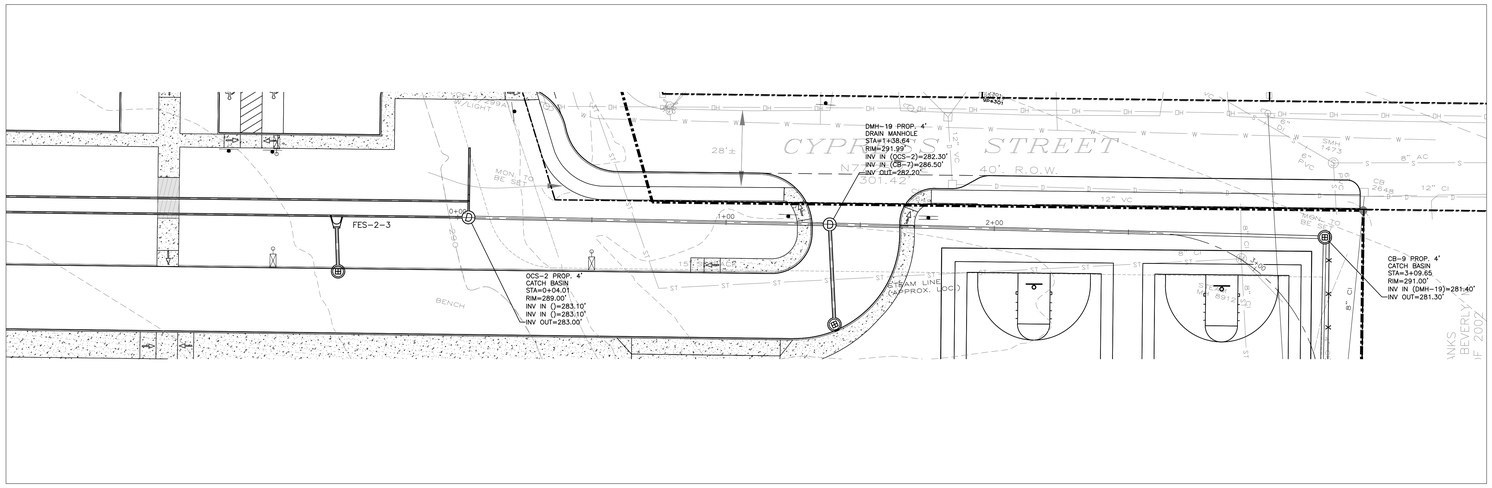
REVISIONS NO.	DATE	REMARKS	BY

DRAWING NUMBER
D-2

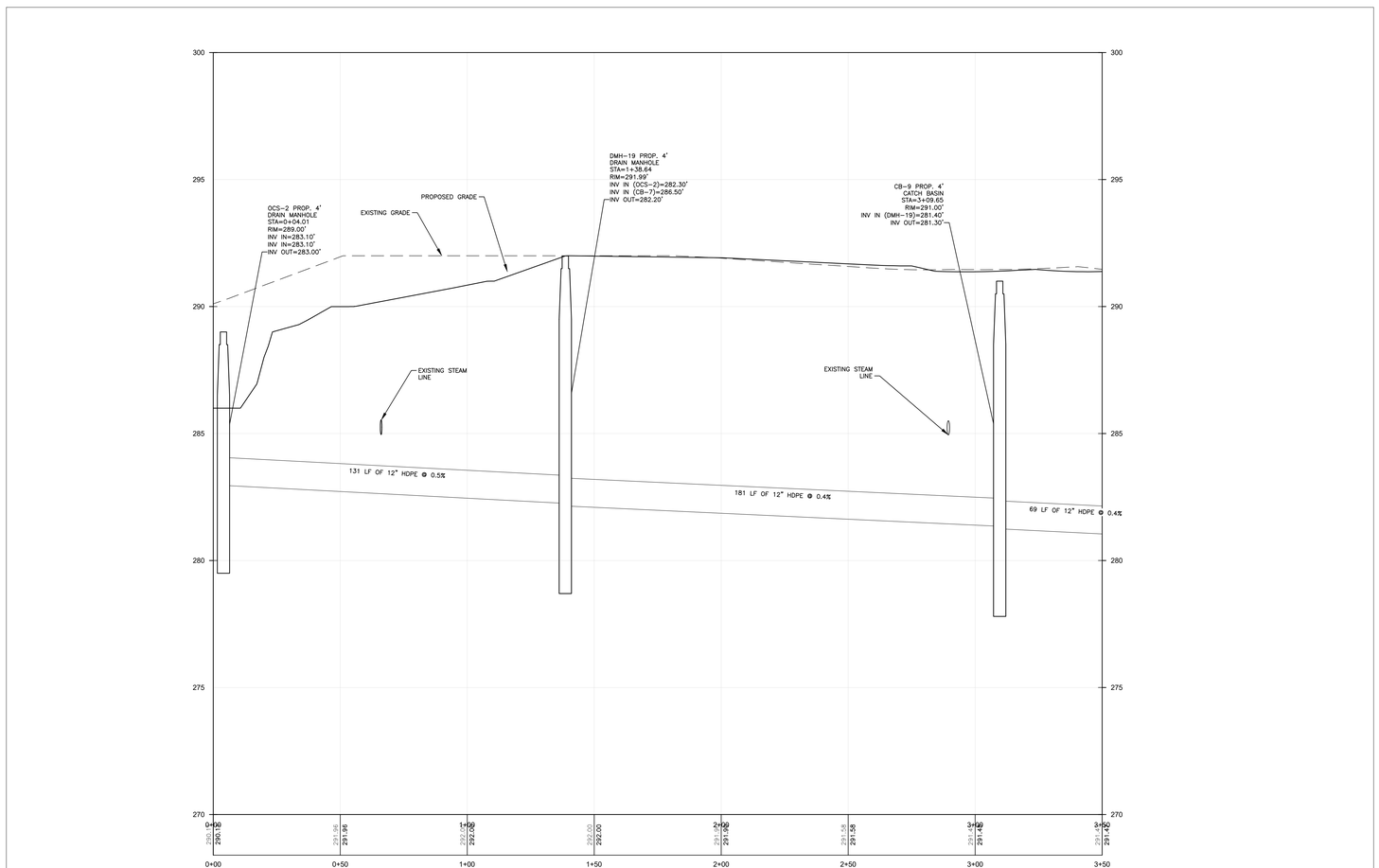
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DRAINAGE PLAN :
0+00 TO 3+50.00
SCALE: 1" = 20'



DRAINAGE PROFILE:
0+00 TO 3+50.00
HORIZ. SCALE: 1" = 20'
VERT. SCALE: 1" = 5'

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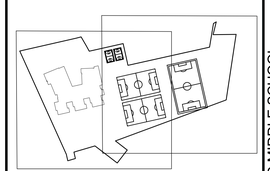
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CIVIL PERMITTING DRAWINGS
12/17/2025 (NOT FOR CONSTRUCTION)

STATE OF NEW HAMPSHIRE
JOHN CHRIS NADEAU
No. 9294
LICENSED PROFESSIONAL ENGINEER

KEYPLAN



12/17/2025

CONCORD MIDDLE SCHOOL
CONCORD, NEW HAMPSHIRE
DRAINAGE PROFILE

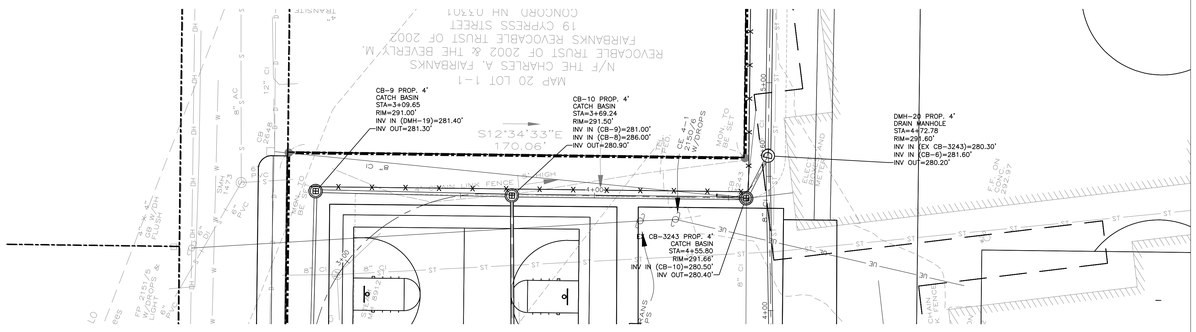
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REVISIONS NO.	DATE	REMARKS	BY

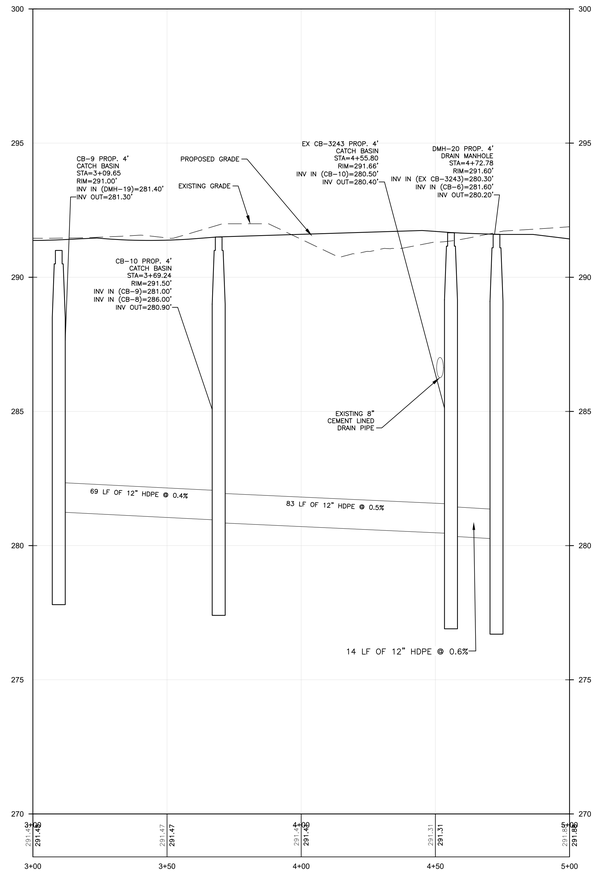
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D-3-1

JOB NUMBER 100828.040

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DRAINAGE PLAN :
3+00 TO 4+72.78
SCALE: 1" = 20'



DRAINAGE PROFILE:
3+00 TO 4+72.78
HORIZ. SCALE: 1" = 20'
VERT. SCALE: 1" = 5'

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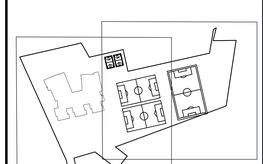
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CIVIL PERMITTING DRAWINGS
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STATE OF NEW HAMPSHIRE
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12/17/2025

KEYPLAN



CONCORD MIDDLE SCHOOL
CONCORD, NEW HAMPSHIRE
DRAINAGE PROFILE

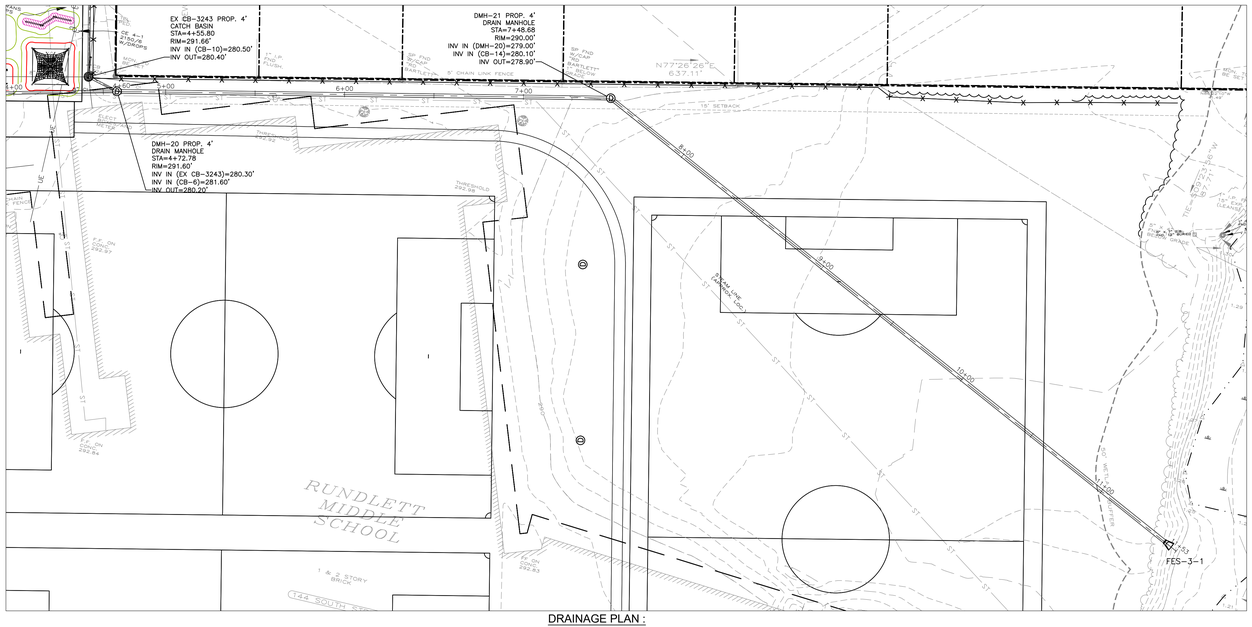
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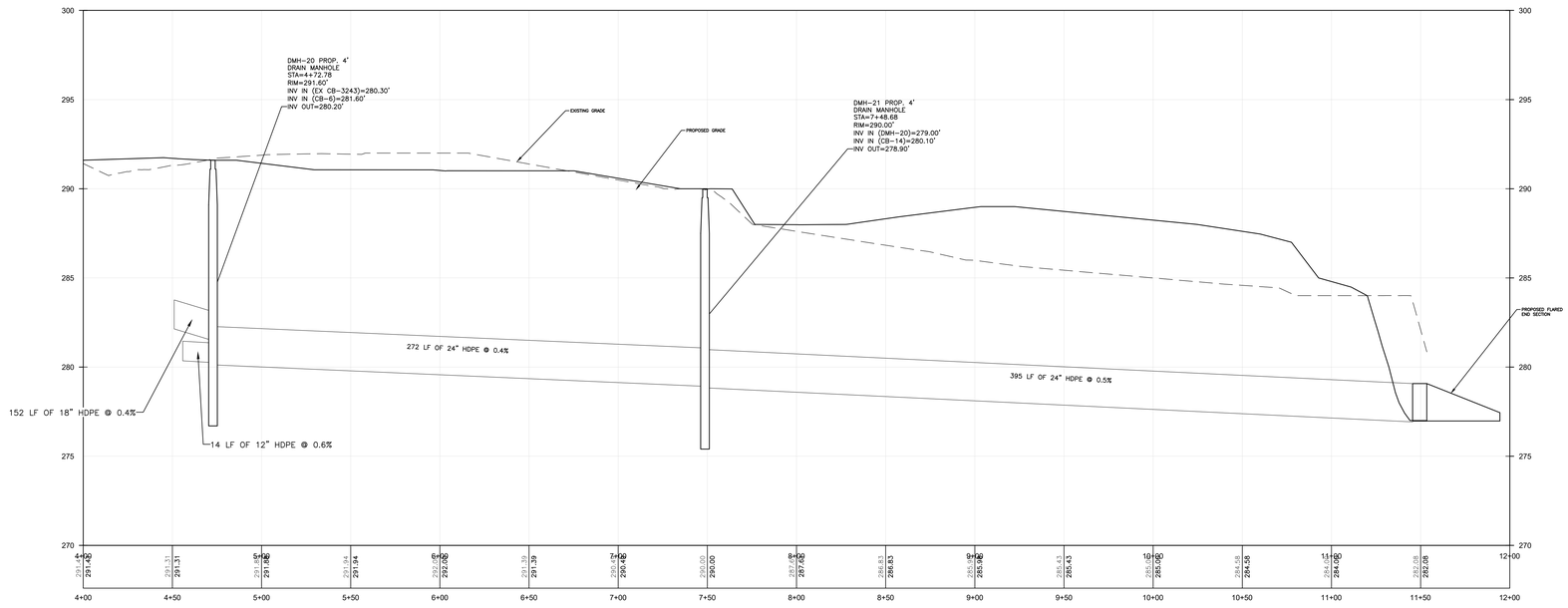
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D-3-2

JOB NUMBER 150828.040

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DRAINAGE PLAN :
4+75 TO 11+53.00
SCALE: 1" = 30'



DRAINAGE PROFILE:
4+75 TO 11+53.00
HORIZ. SCALE: 1" = 30'
VERT. SCALE: 1" = 5'

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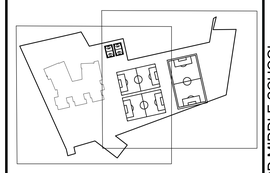
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CIVIL PERMITTING DRAWINGS
12/17/2025 (NOT FOR CONSTRUCTION)

STATE OF NEW HAMPSHIRE
JOHN CHRIS NADEAU
No. 9294
LICENSED PROFESSIONAL ENGINEER

12/17/2025

KEYPLAN



REVISIONS NO.	DATE	REMARKS	BY

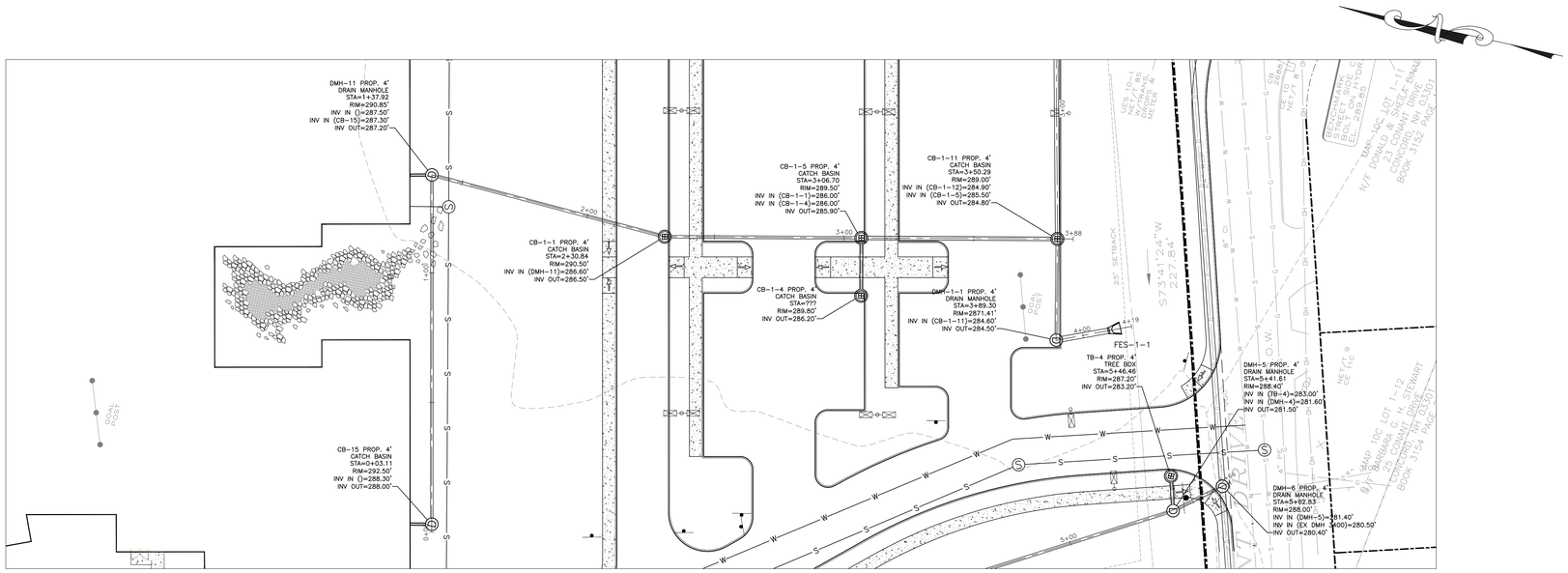
CONCORD MIDDLE SCHOOL
CONCORD, NEW HAMPSHIRE
DRAINAGE PROFILE

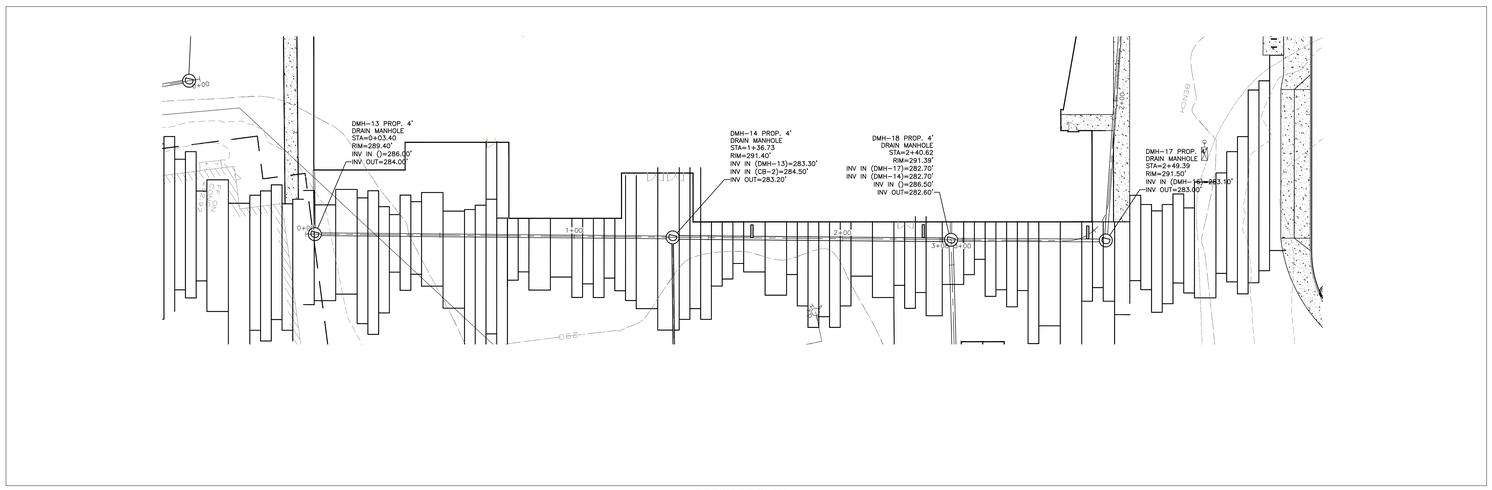
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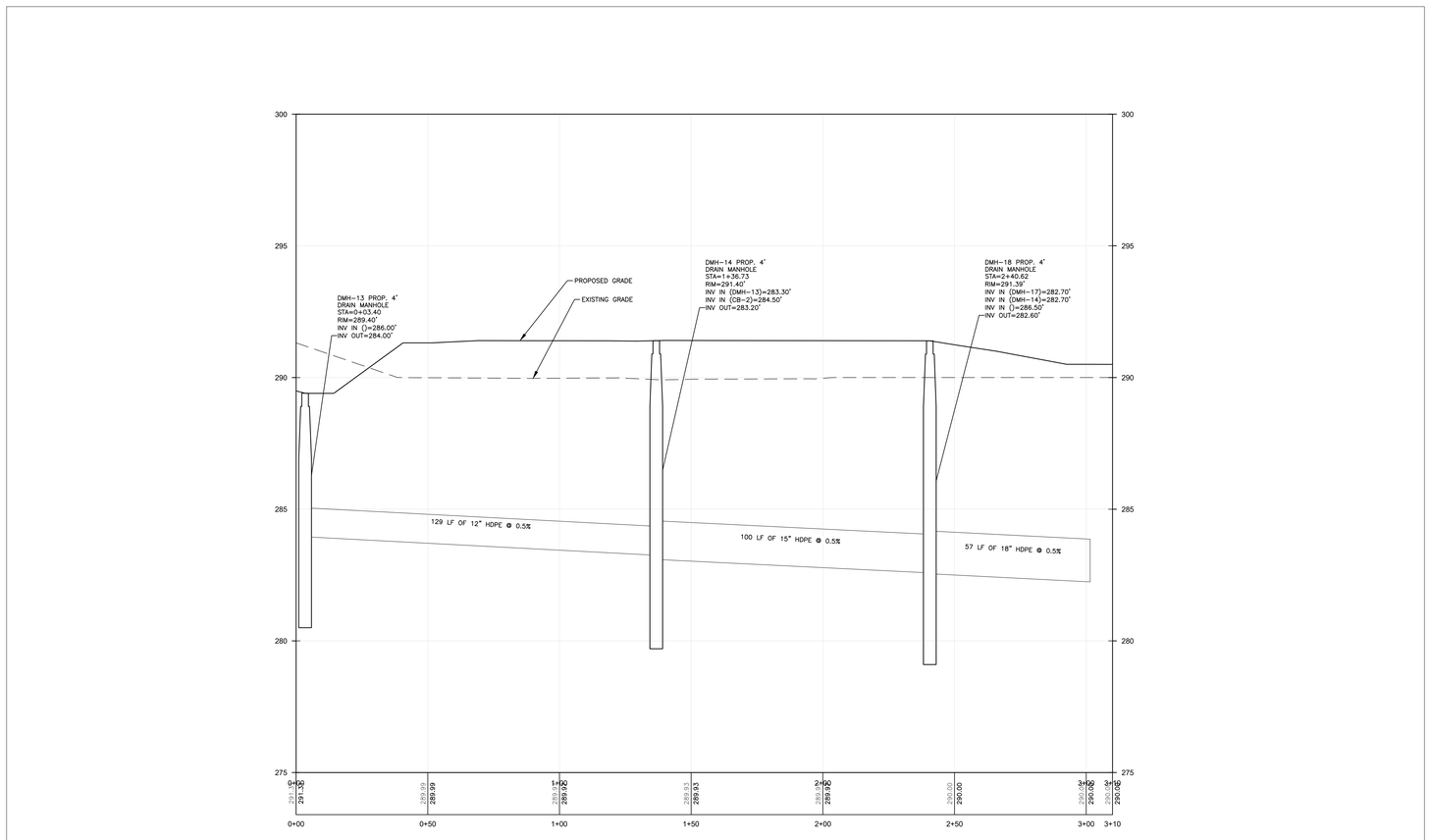
JOB NUMBER 100628.040

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DMH-11 PROP. 4'
DRAIN MANHOLE
STA=1+37.92
RIM=290.85'
INV IN (1)=287.50'
INV IN (CB-15)=287.30'
INV OUT=287.20'
CB-15 PROP. 4'
CATCH BASIN
STA=0+03.11
RIM=292.50'
INV IN (1)=288.30'
INV OUT=288.00'
CB-1-1 PROP. 4'
CATCH BASIN
STA=2+30.84
RIM=290.50'
INV IN (DMH-11)=286.60'
INV OUT=286.50'
CB-1-4 PROP. 4'
CATCH BASIN
STA=???
RIM=289.80'
INV OUT=286.20'
CB-1-5 PROP. 4'
CATCH BASIN
STA=3+06.70
RIM=289.50'
INV IN (CB-1-1)=286.00'
INV IN (CB-1-4)=286.00'
INV OUT=285.90'
DMH-1-1 PROP. 4'
DRAIN MANHOLE
STA=3+89.30
RIM=2871.41'
INV IN (CB-1-11)=284.60'
INV OUT=284.50'
CB-1-11 PROP. 4'
CATCH BASIN
STA=3+50.29
RIM=289.00'
INV IN (CB-1-12)=284.90'
INV IN (CB-1-5)=285.50'
INV OUT=284.80'
FES-1-1
TB-4 PROP. 4'
TREE BOX
STA=5+46.46'
RIM=287.20'
INV OUT=283.20'
DMH-5 PROP. 4'
DRAIN MANHOLE
STA=5+41.61
RIM=288.40'
INV IN (TB-4)=283.00'
INV IN (DMH-4)=281.60'
INV OUT=281.50'
DMH-6 PROP. 4'
DRAIN MANHOLE
STA=5+92.83
RIM=288.00'
INV IN (DMH-5)=281.40'
INV IN (EX DMH 3400)=280.50'
INV OUT=280.40'
GOAL POST
25' SETBACK
S73°41'24"W
227.84'
BENCHMARK: CC
STREET SIDE C
ELEV=290.85
ELEV=289.85
RAMP-10C LOT 1-11
DONALD & SHELLY BHAR
45 CONANT DRIVE
CONCORD, NH 03301
BOOK 3752 PAGE 0301
RAMP-10C LOT 1-12
BARBARA G. H. STEWART
35 CONANT DRIVE
CONCORD, NH 03301
BOOK 3154 PAGE 0301
UES 1-Ø
MET 1-#6
WATER
METER
GAS
GAS
GAS



DRAINAGE PLAN :
0+00 TO 2+50.00
SCALE: 1" = 20'



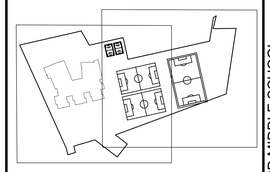
DRAINAGE PROFILE:
0+00 TO 2+50.00
HORIZ. SCALE: 1" = 20'
VERT. SCALE: 1" = 5'

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CIVIL PERMITTING DRAWINGS
12/17/2025 (NOT FOR CONSTRUCTION)

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JOHN CHRIS NADEAU
No. 9294
LICENSED PROFESSIONAL ENGINEER

12/17/2025

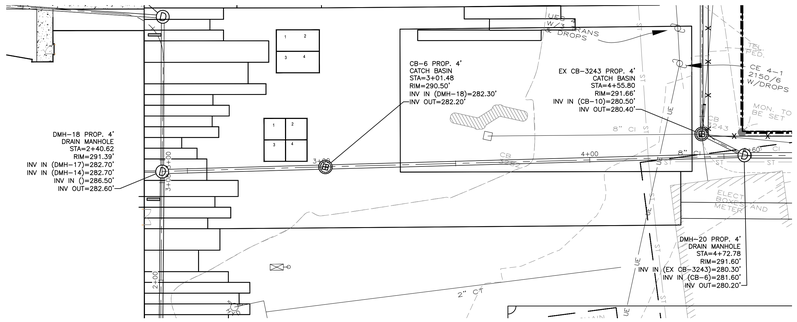
CONCORD MIDDLE SCHOOL
CONCORD, NEW HAMPSHIRE
DRAINAGE PROFILE

DRAWN BY: JR & KLR CHECKED BY: JCN

DRAWING NUMBER
D-4-2

JOB NUMBER 100628.040

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DRAINAGE PLAN :
2+25 TO 4+60.00
SCALE: 1" = 20'

DRAINAGE PROFILE:
2+25 TO 4+60.00
HORIZ. SCALE: 1" = 20'
VERT. SCALE: 1" = 5'

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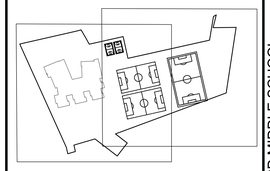
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CIVIL PERMITTING DRAWINGS
12/17/2025 (NOT FOR CONSTRUCTION)

STATE OF NEW HAMPSHIRE
JOHN CHRIS NADEAU
No. 9294
LICENSED PROFESSIONAL ENGINEER

12/17/2025

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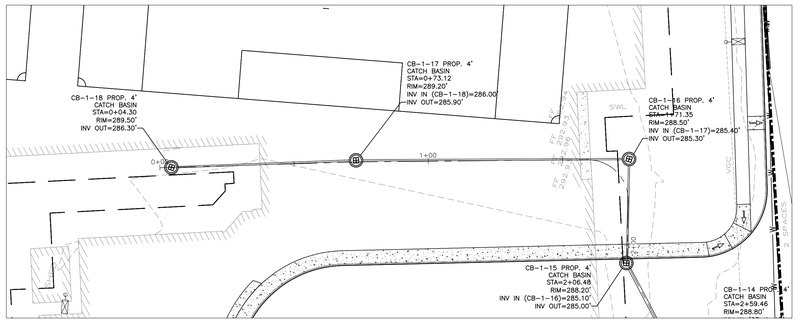
CONCORD MIDDLE SCHOOL
CONCORD, NEW HAMPSHIRE
DRAINAGE PROFILE

DRAWN BY: JR & KLR CHECKED BY: JCN

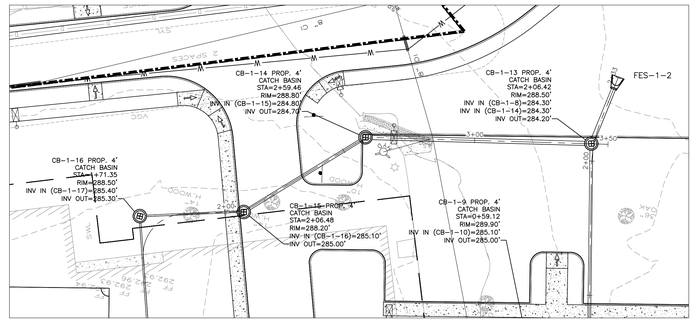
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JOB NUMBER 100628.040

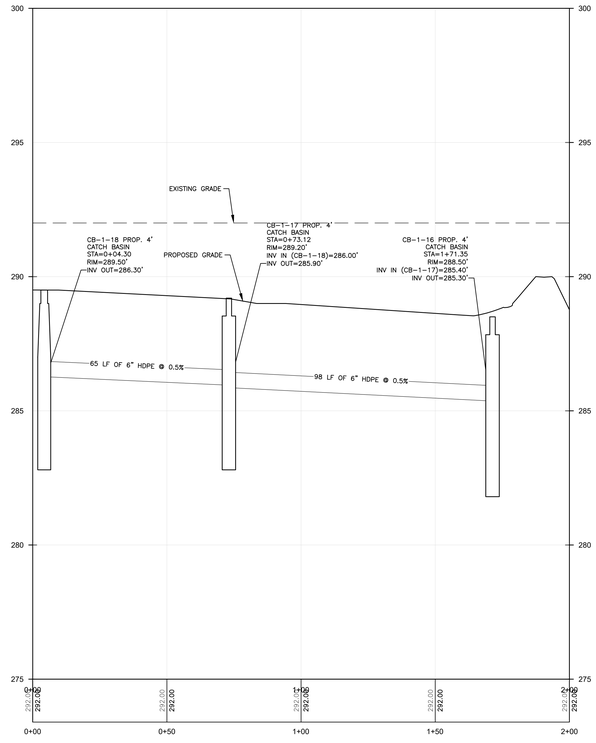
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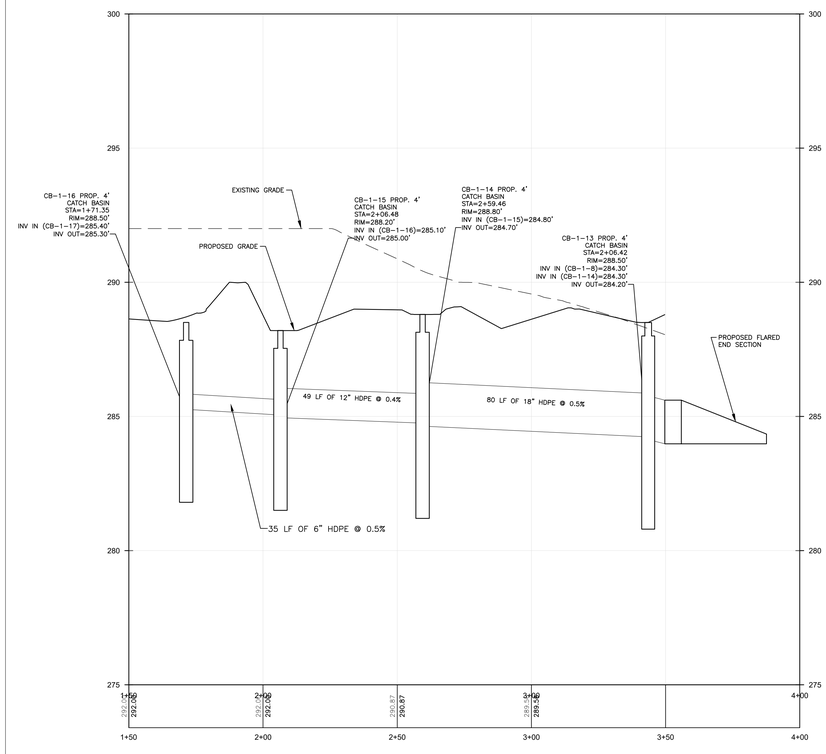
DRAINAGE PLAN :
0+00 TO 02+00.00
SCALE: 1" = 20'



DRAINAGE PLAN :
1+50 TO 2+33.00
SCALE: 1" = 20'



DRAINAGE PROFILE:
0+00 TO 2+00.00
HORIZ. SCALE: 1" = 20'
VERT. SCALE: 1" = 5'



DRAINAGE PROFILE:
1+50 TO 2+33.00
HORIZ. SCALE: 1" = 20'
VERT. SCALE: 1" = 5'

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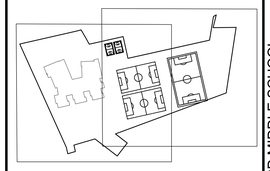
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CIVIL PERMITTING DRAWINGS
12/17/2025 (NOT FOR CONSTRUCTION)

STATE OF NEW HAMPSHIRE
JOHN CHRIS NADEAU
No. 9294
LICENSED PROFESSIONAL ENGINEER

12/17/2025

KEYPLAN



CONCORD MIDDLE SCHOOL
CONCORD, NEW HAMPSHIRE
DRAINAGE PROFILE

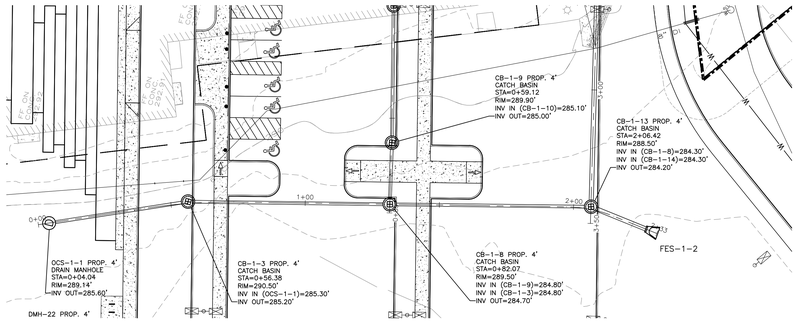
DRAWN BY: JR & KLR CHECKED BY: JCN

REVISIONS NO.	DATE	REMARKS	BY

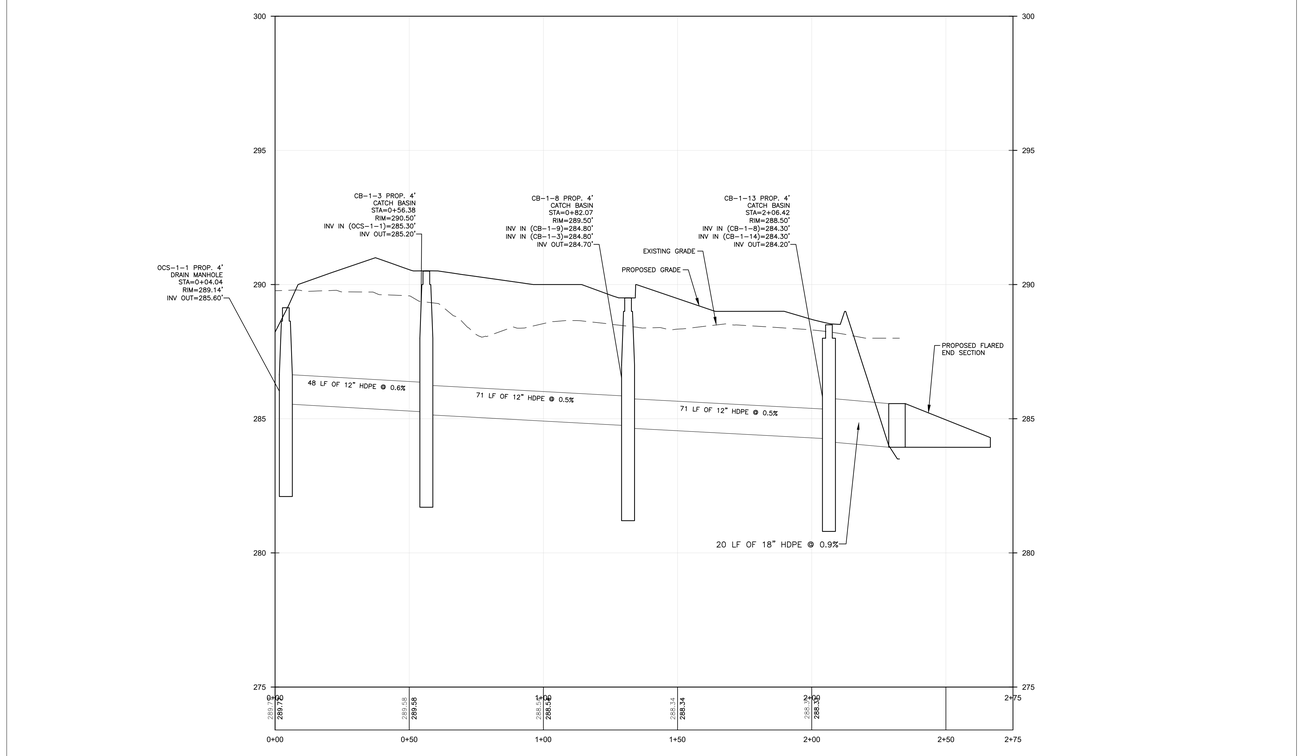
DRAWING NUMBER
D-5

JOB NUMBER 100628.040

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DRAINAGE PLAN :
0+00 TO 2+33.00
SCALE: 1" = 20'



DRAINAGE PROFILE:
0+00 TO 2+33.00
HORIZ. SCALE: 1" = 20'
VERT. SCALE: 1" = 5'

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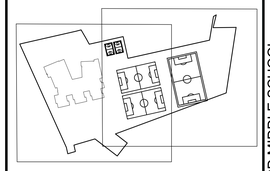
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LIBERTY STREET
CONCORD, NH 03301

CIVIL PERMITTING DRAWINGS
12/17/2025 (NOT FOR CONSTRUCTION)

STATE OF NEW HAMPSHIRE
JOHN CHRIS NADEAU
No. 9294
LICENSED PROFESSIONAL ENGINEER

12/17/2025

KEYPLAN



REVISIONS NO.	DATE	REMARKS	BY

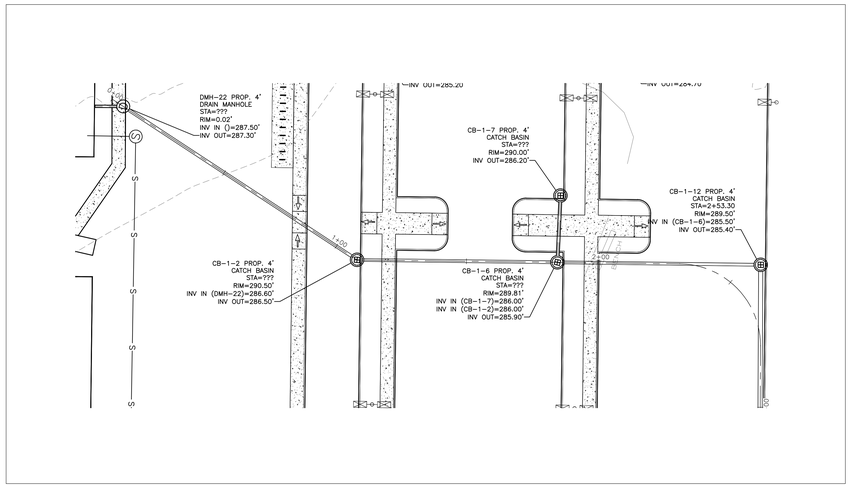
CONCORD MIDDLE SCHOOL
CONCORD, NEW HAMPSHIRE
DRAINAGE PROFILE

DRAWN BY: JR & KLR CHECKED BY: JCN

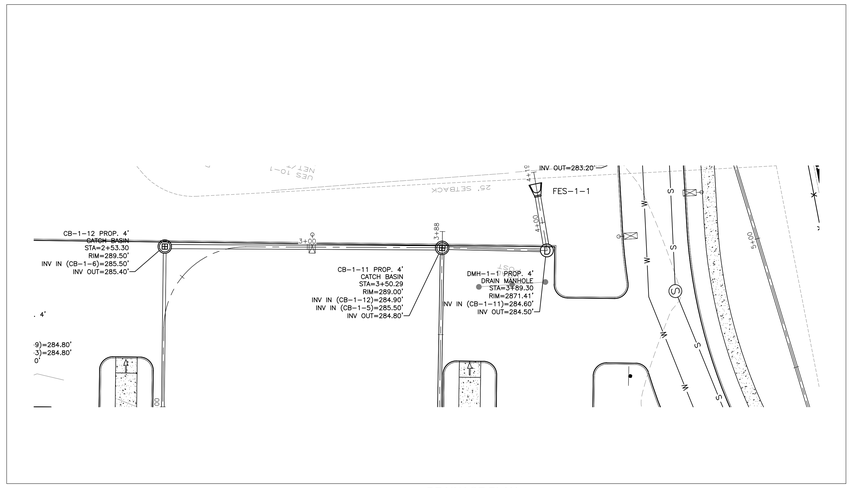
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JOB NUMBER 100628.040

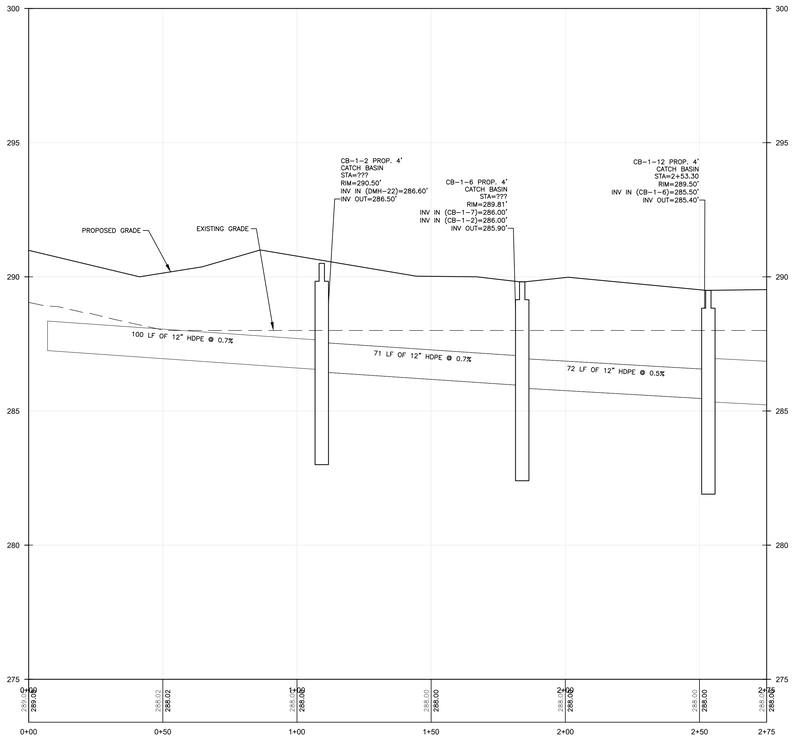
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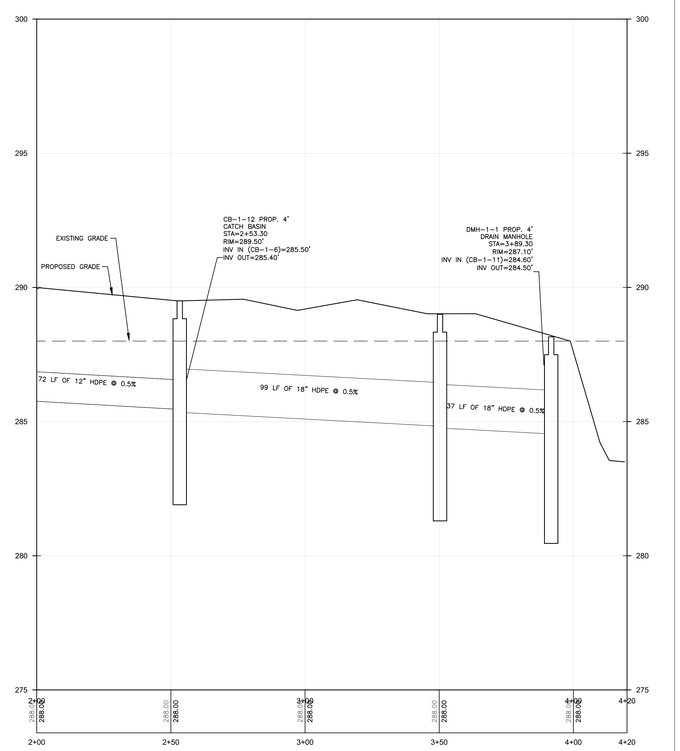
DRAINAGE PLAN :
0+00 TO 2+75.00
SCALE: 1" = 20'



DRAINAGE PLAN :
2+50 TO 4+10.00
SCALE: 1" = 20'



DRAINAGE PROFILE:
0+00 TO 2+75.00
HORIZ. SCALE: 1" = 20'
VERT. SCALE: 1" = 5'



DRAINAGE PROFILE:
2+50 TO 4+10.00
HORIZ. SCALE: 1" = 20'
VERT. SCALE: 1" = 5'

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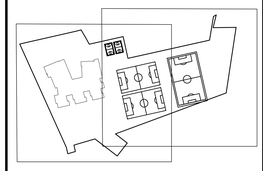
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12/17/2025 (NOT FOR CONSTRUCTION)

STATE OF NEW HAMPSHIRE
JOHN CHRIS NADEAU
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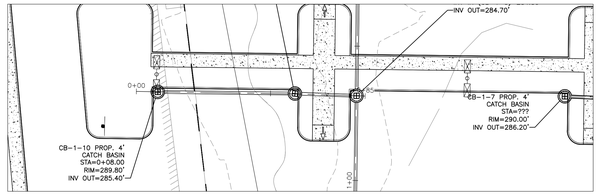
CONCORD MIDDLE SCHOOL
CONCORD, NEW HAMPSHIRE
DRAINAGE PROFILE

DRAWN BY: JR & KLR CHECKED BY: JCN

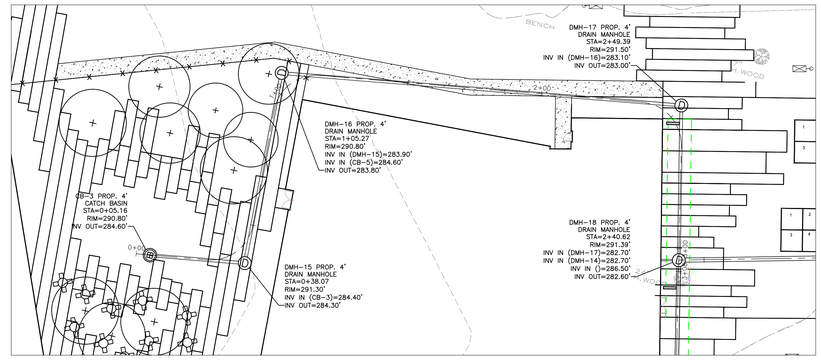
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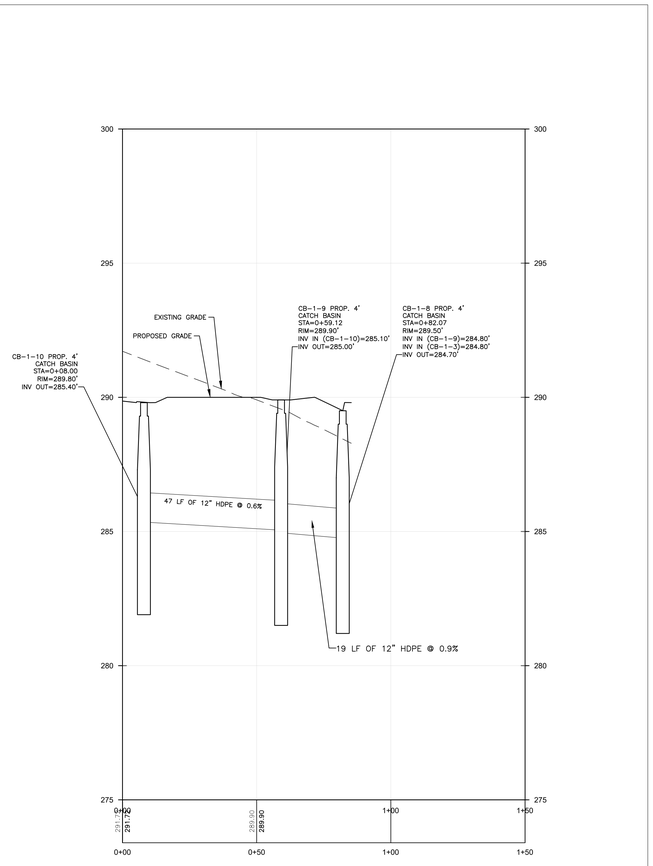
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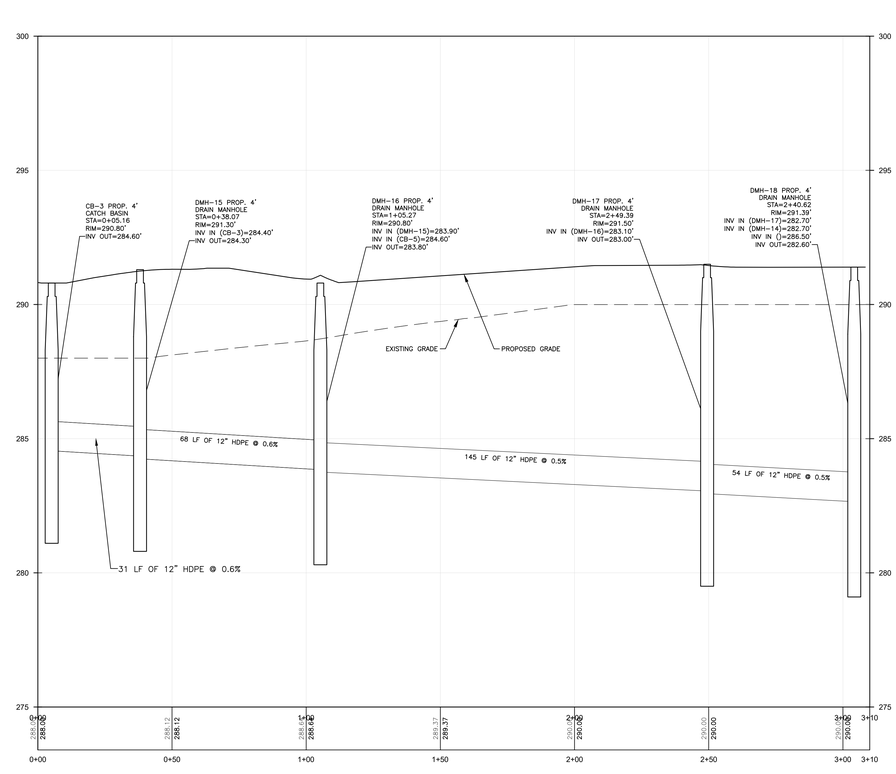
DRAINAGE PLAN :
0+00 TO 0+85.00
SCALE: 1" = 20'



DRAINAGE PLAN :
0+00 TO 3+08.00
SCALE: 1" = 20'



DRAINAGE PROFILE:
0+00 TO 0+85.00
HORIZ. SCALE: 1" = 20'
VERT. SCALE: 1" = 5'



DRAINAGE PROFILE:
0+00 TO 3+08.00
HORIZ. SCALE: 1" = 20'
VERT. SCALE: 1" = 5'

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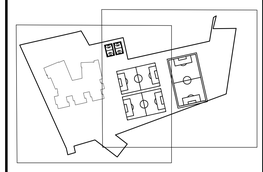
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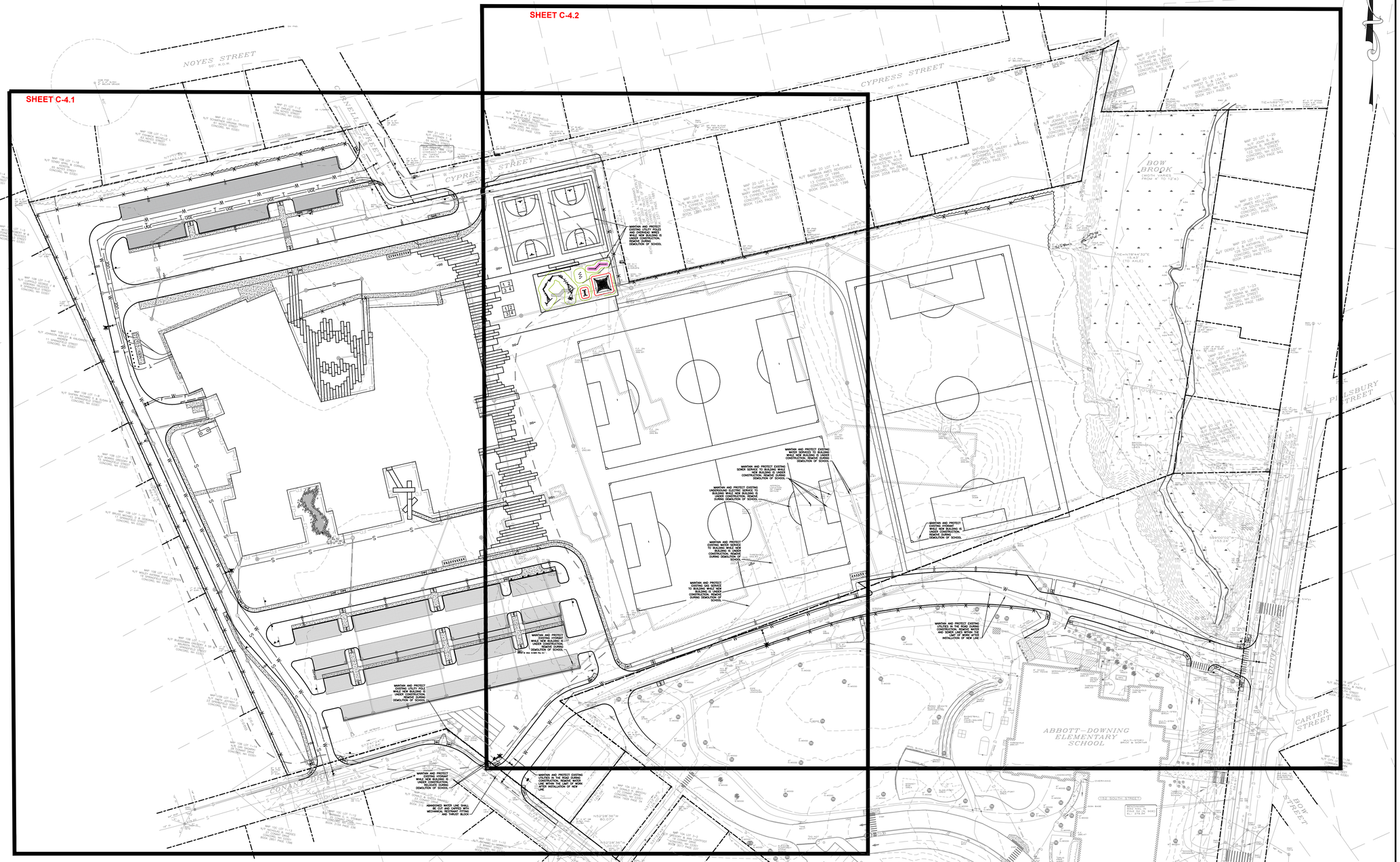
CONCORD MIDDLE SCHOOL
CONCORD, NEW HAMPSHIRE
DRAINAGE PROFILE

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DRAWING NUMBER
D-8

JOB NUMBER 100628.040

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NOTES:

1. REFER TO SURVEYOR'S PLAN, FOR BASE PLAN REFERENCES AND ADDITIONAL NOTES.
2. ALL ELEVATIONS SHOWN ARE IN REFERENCE TO THE SURVEY PLAN AND MUST BE VERIFIED BY THE GENERAL CONTRACTOR PRIOR TO THE START OF CONSTRUCTION.
3. THE UNDERGROUND UTILITIES SHOWN HAVE BEEN LOCATED FROM FIELD SURVEY INFORMATION AND EXISTING DRAWINGS. THE SURVEYOR MAKES NO GUARANTEES THAT THE UNDERGROUND UTILITIES SHOWN COMPRISE ALL SUCH UTILITIES IN THE AREA, EITHER IN SERVICE OR ABANDONED. THE SURVEYOR FURTHER DOES NOT WARRANT THAT THE UNDERGROUND UTILITIES SHOWN ARE IN THE EXACT LOCATION INDICATED ALTHOUGH HE DOES CERTIFY THAT THEY ARE LOCATED AS ACCURATELY AS POSSIBLE FROM INFORMATION AVAILABLE. THE SURVEYOR HAS NOT PHYSICALLY LOCATED THE UNDERGROUND UTILITIES. CALL 1-888-DIGSAFE AT LEAST THREE BUSINESS DAYS BEFORE PERFORMING ANY CONSTRUCTION.
4. LOCATIONS AND ELEVATIONS OF UTILITIES ARE APPROXIMATE ONLY AND ARE BASED ON RECORDS FROM THE UTILITY COMPANIES AND FIELD MEASUREMENTS OF VISIBLE STRUCTURES. THE CONTRACTOR IS RESPONSIBLE FOR LOCATING ALL UTILITIES PRIOR TO CONSTRUCTION AND WILL NOTIFY ENGINEER AND OWNER IMMEDIATELY OF ANY CONFLICTS.
5. THERE WILL BE NO PHYSICAL CONNECTION BETWEEN A PUBLIC OR PRIVATE POTABLE WATER SUPPLY SYSTEM AND A SEWER OR SEWER APPURTENANCE WHICH WOULD PERMIT THE PASSAGE OF SEWAGE OR POLLUTED WATER INTO THE POTABLE SUPPLY. NO WATER PIPE WILL PASS THROUGH OR COME IN CONTACT WITH ANY PART OF A SEWER OR SEWER MANHOLE. NO SEWER WILL BE LOCATED WITHIN THE WELL PROTECTIVE RADII ESTABLISHED IN ENV-WS 300 FOR ANY PUBLIC WATER SUPPLY WELLS OR WITHIN 100 FEET OF ANY PRIVATE WATER SUPPLY WELL. SEWERS WILL BE LOCATED AT LEAST 10 FEET HORIZONTALLY FROM ANY EXISTING OR PROPOSED WATER MAIN. A DEVIATION FROM THE SEPARATION REQUIREMENTS WILL BE ALLOWED WHERE NECESSARY TO AVOID CONFLICT WITH SUBSURFACE STRUCTURES, UTILITY CHAMBERS, AND BUILDING FOUNDATIONS, PROVIDED THAT THE SEWER IS CONSTRUCTED IN ACCORDANCE WITH THE FORCE MAIN CONSTRUCTION REQUIREMENTS SPECIFIED IN ENV-WQ 704.06.

   WHENEVER SEWERS MUST CROSS WATER MAINS, THE SEWER WILL BE CONSTRUCTED AS FOLLOWS:

   5.1. VERTICAL SEPARATION OF THE SEWER AND WATER MAIN WILL BE NOT LESS THAN 18 INCHES, WITH WATER ABOVE SEWER; AND

   5.2. SEWER PIPE JOINTS WILL BE LOCATED AT LEAST 6 FEET HORIZONTALLY FROM THE WATER MAIN.
6. THE CONTRACTOR WILL PROVIDE A MINIMUM NOTICE OF FOURTEEN (14) DAYS TO ALL CORPORATIONS, COMPANIES AND/OR LOCAL AUTHORITIES OWNING OR HAVING A JURISDICTION OVER UTILITIES RUNNING TO, THROUGH OR ACROSS PROJECT AREAS PRIOR TO DEMOLITION AND/OR CONSTRUCTION ACTIVITIES.
7. THE LOCATION, SIZE, DEPTH AND SPECIFICATIONS FOR CONSTRUCTION OF PROPOSED PRIVATE UTILITY SERVICES WILL BE TO THE STANDARDS AND REQUIREMENTS OF THE RESPECTIVE UTILITY COMPANY (ELECTRIC, TELEPHONE, CABLE TELEVISION, FIRE ALARM, GAS, WATER, AND SEWER).
8. ALL CONSTRUCTION WILL CONFORM TO THE TOWN STANDARDS AND REGULATIONS, UNLESS OTHERWISE SPECIFIED. ALL CONSTRUCTION ACTIVITIES WILL CONFORM TO LABOR OCCUPATIONAL SAFETY AND HEALTH ADMINISTRATION (OSHA) RULES AND REGULATIONS.
9. THE CONTRACTOR IS TO VERIFY LOCATION AND DEPTH OF ALL EXISTING UTILITY STUBS PRIOR TO CONSTRUCTION AND DISCONNECT ALL EXISTING SERVICE CONNECTIONS AT THEIR RESPECTIVE MAINS IN ACCORDANCE WITH THE RESPECTIVE UTILITY COMPANY'S STANDARDS AND SPECIFICATIONS. ENGINEER TO BE NOTIFIED.
10. AS-BUILT PLANS WILL BE SUBMITTED TO DEPARTMENT OF PUBLIC WORKS.
11. INVERTS AND SHELVES: MANHOLES WILL HAVE A BRICK PAVED SHELF AND INVERT, CONSTRUCTED TO CONFORM TO THE SIZE OF PIPE AND FLOW AT CHANGES IN DIRECTION. THE INVERTS WILL BE LAID OUT IN CURVES OF THE LONGEST RADIUS POSSIBLE TANGENT TO THE CENTER LINE OF THE SEWER PIPES. SHELVES WILL BE CONSTRUCTED TO MATCH THE HIGHEST PIPE CROWN, AND SHELF WILL CONSIST OF GRADE SS HARD BRICK MASONRY.
12. FRAMES AND COVERS: MANHOLE FRAMES AND COVERS WILL BE OF HEAVY DUTY DESIGN AND PROVIDE A 30 INCH DIA. CLEAR OPENING. THE WORD "SEWER" WILL BE CAST INTO THE CENTER OF THE UPPER FACE OF EACH COVER WITH RAISED, 3" LETTERS.
13. SHALLOW MANHOLE: IN LIEU OF A CONE SECTION, WHEN MANHOLE DEPTH IS LESS THAN 6 FEET, A REINFORCED CONCRETE SLAB COVER MAY BE USED HAVING AN ECCENTRIC ENTRANCE OPENING AND CAPABLE OF SUPPORTING H20-LOADS.
14. CONTRACTOR WILL PLACE 2" WIDE METAL WIRE IMPREGNATED GREEN PLASTIC WARNING TAPE OVER ENTIRE LENGTH OF ALL GRAVITY SEWERS, SERVICES, AND FORCE MAINS.
15. ALL SANITARY STRUCTURE INTERIOR DIAMETERS (4' MIN) WILL BE DETERMINED BY THE MANUFACTURER BASED ON THE PIPE CONFIGURATIONS SHOWN ON THESE PLANS.
16. PROPOSED RIM ELEVATIONS OF SANITARY MANHOLES ARE APPROXIMATE. FINAL ELEVATIONS ARE TO BE SET FLUSH WITH FINISH GRADES. ADJUST ALL OTHER RIM ELEVATIONS OF MANHOLES, WATER GATES, GAS GATES AND OTHER UTILITIES TO FINISH GRADE.
17. ALL SANITARY SEWER SERVICE LATERALS, FOR FUTURE RESIDENTIAL CONNECTION, WILL END AT THE LIMITS OF THE R.O.W., AS SHOWN ON PLANS AND WILL BE PROVIDED WITH A TEMPORARY PLUG AND WITNESS AT END.
18. DIMENSIONS ARE SHOWN TO CENTERLINE OF PIPE OR FITTING.
19. ALL GRAVITY SEWER PIPE, MANHOLES, AND FORCE MAINS WILL BE TESTED ACCORDING TO NHDES STANDARDS OF DESIGN AND CONSTRUCTION FOR SEWAGE AND WASTEWATER TREATMENT FACILITIES, CHAPTER ENV-WQ 700, CONFORMING TO THE FOLLOWING MIN. CRITERIA.

ENV-WQ 704.06 GRAVITY SEWER PIPE TESTING:

GRAVITY SEWERS WILL BE TESTED FOR WATER TIGHTNESS BY USE OF LOW-PRESSURE AIR TESTS CONFORMING WITH ASTM F1417-92(2005) OR UNI-BELL PVC PIPE ASSOCIATION UNI-B-6. LINES WILL BE CLEANED AND VISUALLY INSPECTED USING A LAMP-TEST AND BY INTRODUCING WATER TO DETERMINE THAT THERE IS NO STANDING WATER IN THE SEWER, AND TRUE TO LINE AND GRADE FOLLOWING INSTALLATION AND PRIOR TO USE. DEFLECTION TESTS WILL TAKE PLACE NOT LESS THAN 30 DAYS NOR MORE THAN 90 DAYS FOLLOWING INSTALLATION. THE MAXIMUM ALLOWABLE DEFLECTION OF FLEXIBLE SEWER PIPE SHALL BE 5% PERCENT OF AVERAGE INSIDE DIAMETER. A RIGID BALL OR MANDREL WITH A DIAMETER OF AT LEAST 95% OF THE AVERAGE INSIDE PIPE DIAMETER SHALL BE USED FOR TESTING PIPE DEFLECTION. THE DEFLECTION TEST SHALL BE CONDUCTED WITHOUT MECHANICAL PULLING DEVICES.

ENV-WQ 704.09 FORCE MAIN AND PRESSURE SEWER TESTING

WILL BE TESTED IN ACCORDANCE WITH SECTION 4 OF AWWA C600-05, AND AT A PRESSURE EQUAL TO THE GREATER OF 150 PERCENT OF THE DESIGN OPERATING TOTAL DYNAMIC HEAD OR AT LEAST 100 PSI.

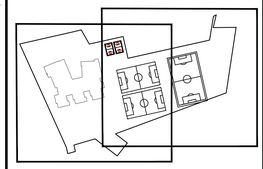
ENV-WQ 704.17 SEWER MANHOLES:

WILL BE TESTED FOR LEAKAGE USING A VACUUM TEST. TESTING WILL BE CONDUCTED PRIOR TO PLACEMENT OF SHELVES AND INVERTS

20. SEWERS WILL BE BURIED TO A MINIMUM DEPTH OF 6 FEET BELOW GRADE IN ALL ROADWAY LOCATIONS, AND TO A MINIMUM DEPTH OF 4 FEET BELOW GRADE IN ALL CROSS-COUNTRY LOCATIONS. A NHDES WAIVER IS NEEDED IF THE MINIMUM REQUIRED DEPTH CANNOT BE MET.
21. SEWER AND WATER INFRASTRUCTURE ON PRIVATE PROPERTY IS TO REMAIN PRIVATE, HOWEVER, THE TOWN RESERVES THE RIGHT TO ENTER THE PROPERTY IN ORDER TO INSPECT, REPAIR AND/OR TERMINATE INDIVIDUAL SEWER OR WATER SERVICES (AT OWNER'S EXPENSE).
22. CONTRACTOR WILL SET RIMS OF NEW SANITARY SEWER MANHOLES TO EXISTING FINISHED GRADE FOR THE WINTER SEASON. RIMS WILL BE RAISED IN THE SPRING PRIOR TO PLACEMENT OF 1" BITUMINOUS OVERLAY.
23. SERVICE LATERAL LOCATIONS SHOWN ARE APPROXIMATE AND MAY BE ADJUSTED IN THE FIELD BASED ON INPUT FROM TOWN INSPECTOR AND/OR PROJECT CLERK OF THE WORKS.
24. REFER TO SHEET G-1 FOR GENERAL NOTES AND LEGEND.

0 50' 100'
GRAPHIC SCALE
1" = 50'

KEYPLAN



12/17/2025

REVISIONS NO.	DATE	REMARKS	BY

SCALE: 1" = 50' DRAWN BY: JR & KLR CHECKED BY: JCN

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C-4.0

JOB NUMBER 100626.045

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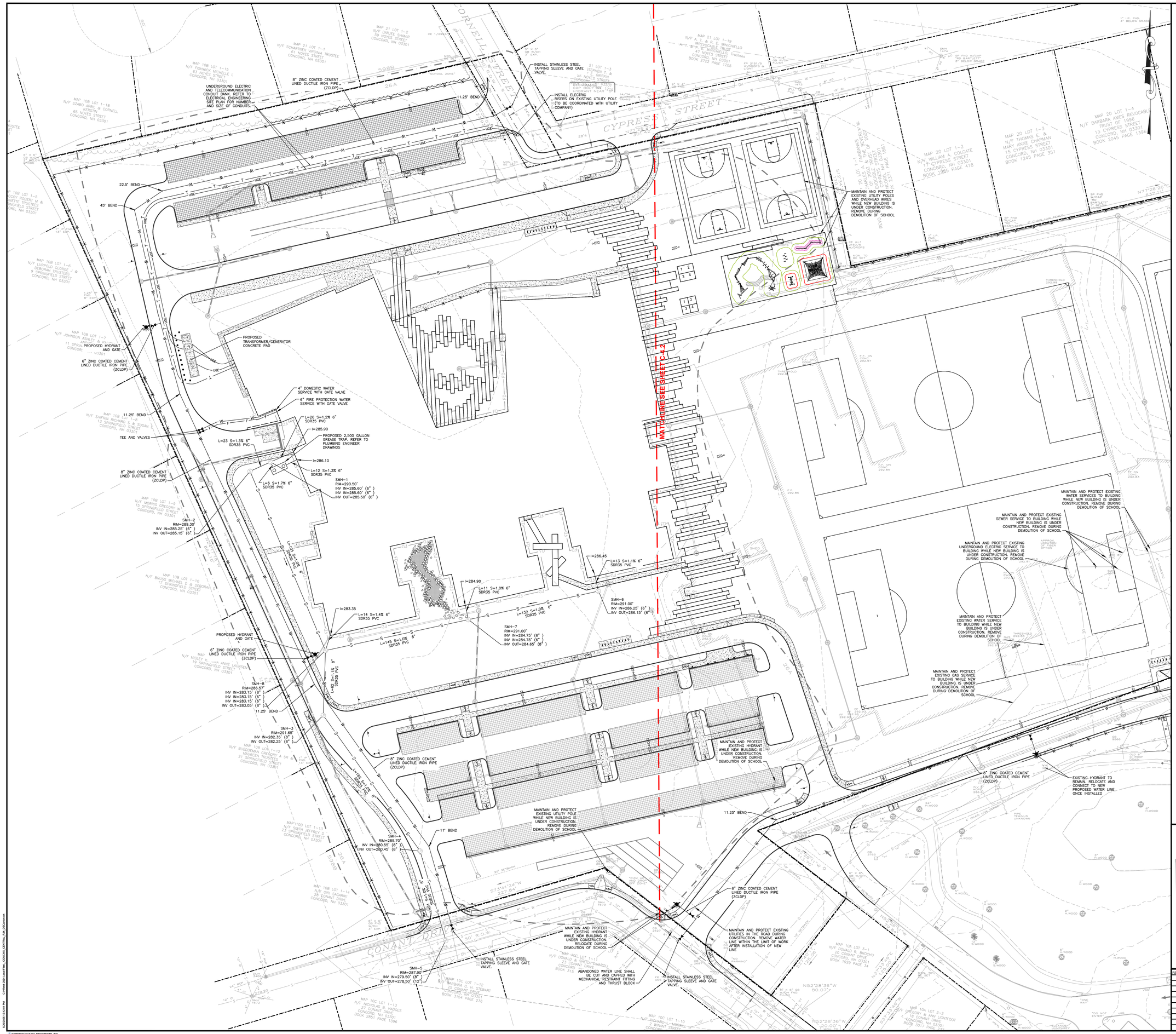
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12/17/2025 (NOT FOR CONSTRUCTION)

STATE OF NEW HAMPSHIRE
CHRIS MACEAU
No. 9294
LICENSED
PROFESSIONAL ENGINEER

CONCORD MIDDLE SCHOOL
CONCORD, NEW HAMPSHIRE
UTILITY PLAN OVERVIEW

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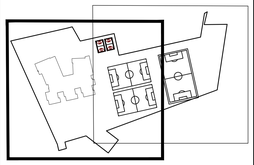
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STATE OF NEW HAMPSHIRE
JOHN CHRIS NADEAU
No. 9294
CERTIFIED PROFESSIONAL ENGINEER
12/17/2025

KEYPLAN



REVISIONS NO.	DATE	REMARKS	BY

CONCORD MIDDLE SCHOOL
CONCORD, NEW HAMPSHIRE
UTILITY PLAN

SCALE: 1" = 30' | DRAWN BY: JR & KLR | CHECKED BY: JCN

DRAWING NUMBER
C-4.1

JOB NUMBER 150628.040

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MATCHLINE SEE SHEET C4.1

CYPRESS STREET
40' R.O.W.

MAINTAIN AND PROTECT EXISTING UTILITY POLES AND OVERHEAD WIRES WHILE NEW BUILDING IS UNDER CONSTRUCTION. REMOVE DURING DEMOLITION OF SCHOOL

MAINTAIN AND PROTECT EXISTING WATER SERVICES TO BUILDING WHILE NEW BUILDING IS UNDER CONSTRUCTION. REMOVE DURING DEMOLITION OF SCHOOL

MAINTAIN AND PROTECT EXISTING SEWER SERVICE TO BUILDING WHILE NEW BUILDING IS UNDER CONSTRUCTION. REMOVE DURING DEMOLITION OF SCHOOL

MAINTAIN AND PROTECT EXISTING UNDERGOUND ELECTRIC SERVICE TO BUILDING WHILE NEW BUILDING IS UNDER CONSTRUCTION. REMOVE DURING DEMOLITION OF SCHOOL

MAINTAIN AND PROTECT EXISTING WATER SERVICE TO BUILDING WHILE NEW BUILDING IS UNDER CONSTRUCTION. REMOVE DURING DEMOLITION OF SCHOOL

MAINTAIN AND PROTECT EXISTING GAS SERVICE TO BUILDING WHILE NEW BUILDING IS UNDER CONSTRUCTION. REMOVE DURING DEMOLITION OF SCHOOL

MAINTAIN AND PROTECT EXISTING HYDRANT WHILE NEW BUILDING IS UNDER CONSTRUCTION. REMOVE DURING DEMOLITION OF SCHOOL

MAINTAIN AND PROTECT EXISTING HYDRANT WHILE NEW BUILDING IS UNDER CONSTRUCTION. REMOVE DURING DEMOLITION OF SCHOOL

MAINTAIN AND PROTECT EXISTING UTILITIES IN THE ROAD DURING CONSTRUCTION. REMOVE WATER AND SEWER LINES WITHIN THE LIMIT OF WORK AFTER INSTALLATION OF NEW LINE

EXISTING WATER LINE TO BE CUT AND CAPPED AFTER DEMOLITION OF SCHOOL

EXISTING HYDRANT TO REMAIN.

EXISTING HYDRANT TO REMAIN. RELOCATE AND CONNECT TO NEW PROPOSED WATER LINE ONCE INSTALLED

11.25° BEND

22.5° BEND

8" ZINC COATED CEMENT LINED DUCTILE IRON PIPE (ZCLDIP)

6" ZINC COATED CEMENT LINED DUCTILE IRON PIPE (ZCLDIP)

INSTALL 10x8x10 STAINLESS STEEL TAPPING SLEEVE AND GATE VALVE.

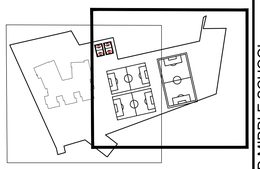
BOW BROOK
(WIDTH VARIES FROM 4' TO 12'±)

ABBOTT-DOWNING ELEMENTARY SCHOOL

CARTER STREET

0 30' 60'
GRAPHIC SCALE
1" = 30'

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CIVIL PERMITTING DRAWINGS
12/17/2025 (NOT FOR CONSTRUCTION)

I HEREBY CERTIFY THAT THIS PLAN WAS PREPARED BY ME OR UNDER MY DIRECT SUPERVISION
CHRIS NADEAU
No. 9294
LICENSED PROFESSIONAL ENGINEER

12/17/2025

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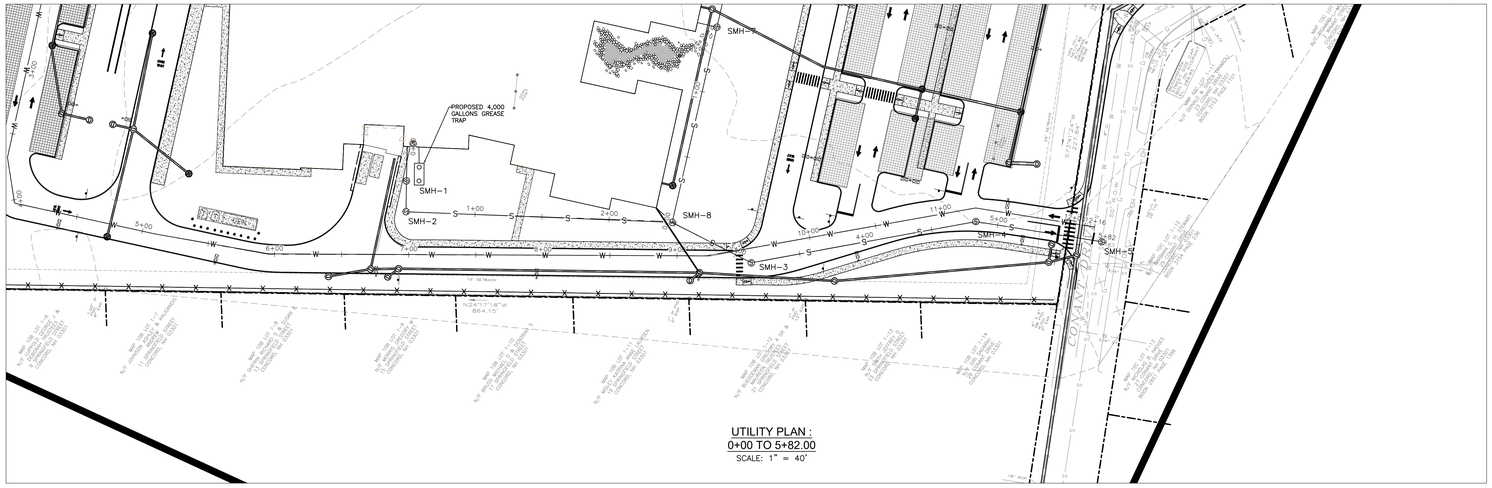
CONCORD MIDDLE SCHOOL
CONCORD, NEW HAMPSHIRE
UTILITY PLAN

SCALE: 1" = 30' | DRAWN BY: JR & KLR | CHECKED BY: JCN

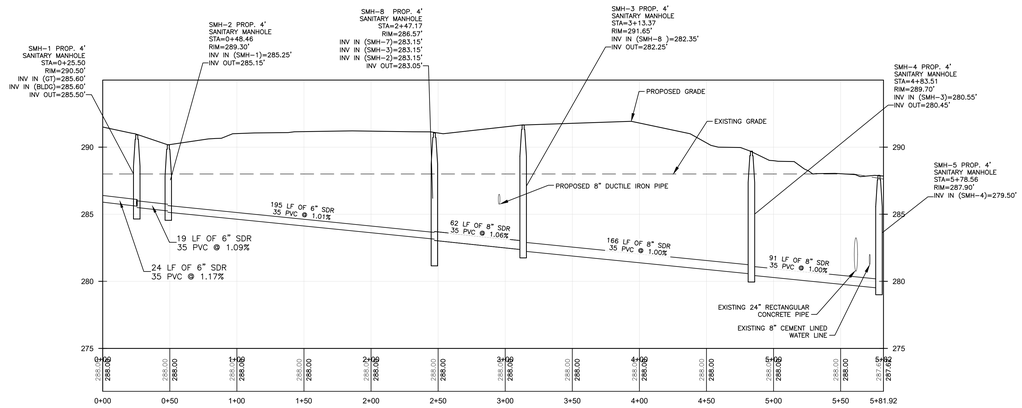
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C-4.2

JOB NUMBER 100626.045

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UTILITY PLAN :
0+00 TO 5+82.00
SCALE: 1" = 40'



SEWER PROFILE
PLAN: 0+00 TO 5+82.00
HORIZ. SCALE: 1" = 40'
VERT. SCALE: 1" = 5'

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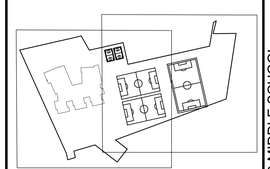
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KEYPLAN



REVISIONS NO.	DATE	REMARKS	BY

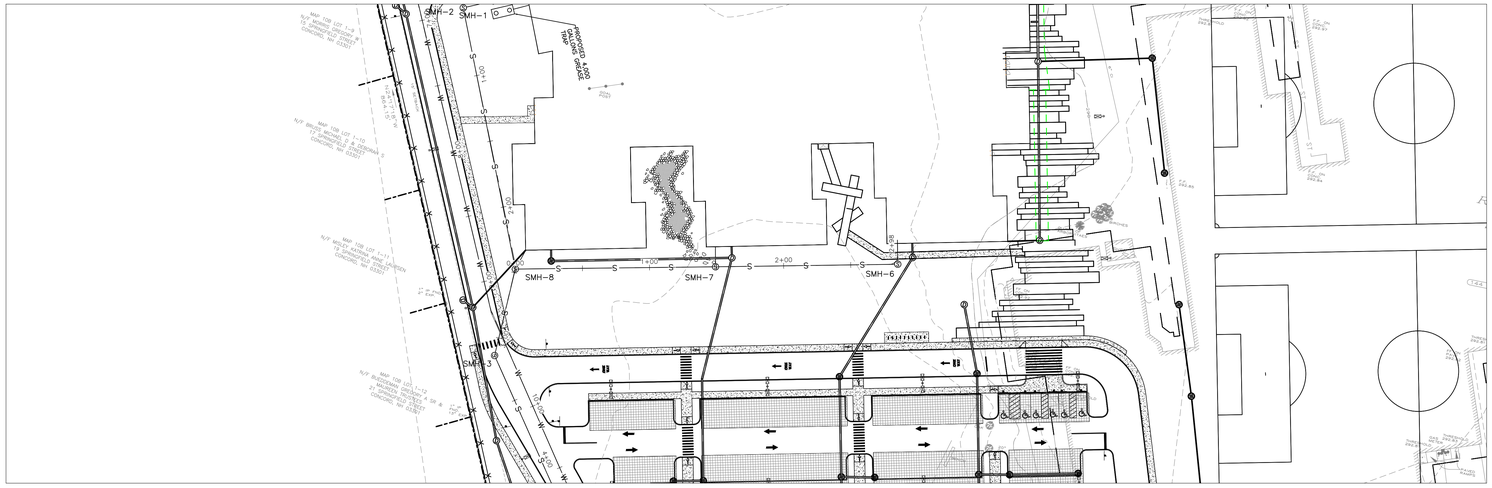
CONCORD MIDDLE SCHOOL
CONCORD, NEW HAMPSHIRE
UTILITY PROFILE

DRAWN BY: JR & KLR CHECKED BY: JCN

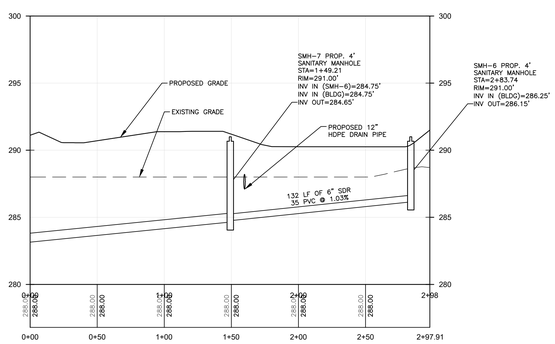
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UTILITY PLAN :
0+00 TO 2+98.00
SCALE: 1" = 40'



SEWER PROFILE
PLAN: 0+00 TO 2+98.00
HORIZ. SCALE: 1" = 40'
VERT. SCALE: 1" = 5'

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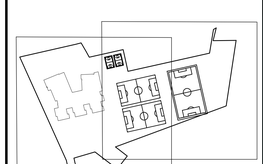
OWNER
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LIBERTY STREET
CONCORD, NH 03301

CIVIL PERMITTING DRAWINGS
12/17/2025 (NOT FOR CONSTRUCTION)

STATE OF NEW HAMPSHIRE
JOHN CHRIS NADEAU
No. 9204
LICENSED PROFESSIONAL ENGINEER

12/17/2025

KEYPLAN



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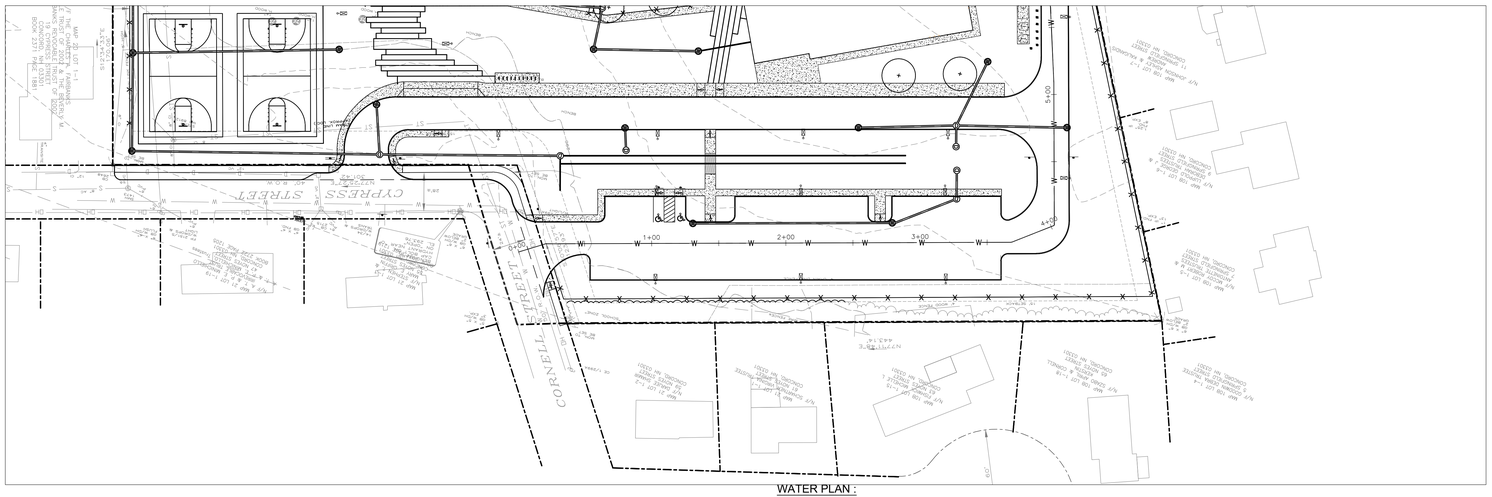
CONCORD MIDDLE SCHOOL
CONCORD, NEW HAMPSHIRE
UTILITY PROFILE

DRAWN BY: JR & KLR CHECKED BY: JCN

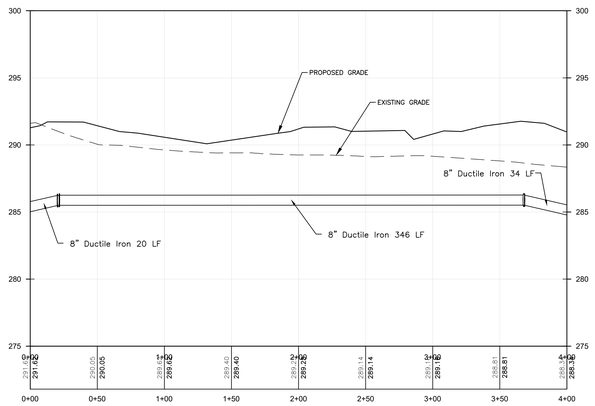
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JOB NUMBER 150828.040

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WATER PLAN :
0+00 TO 4+00
SCALE: 1" = 40'



WATER PROFILE
PLAN: 0+00 TO 4+00
HORIZ. SCALE: 1" = 40'
VERT. SCALE: 1" = 5'

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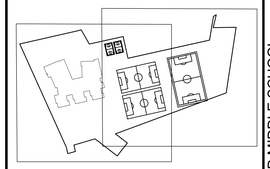
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LIBERTY STREET
CONCORD, NH 03301

CIVIL PERMITTING DRAWINGS
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JOHN CHRIS NADEAU No. 9294 LICENSED PROFESSIONAL ENGINEER STATE OF NEW HAMPSHIRE

12/17/2025

KEYPLAN



REVISIONS NO.	DATE	REMARKS	BY

CONCORD MIDDLE SCHOOL
CONCORD, NEW HAMPSHIRE
UTILITY PROFILE

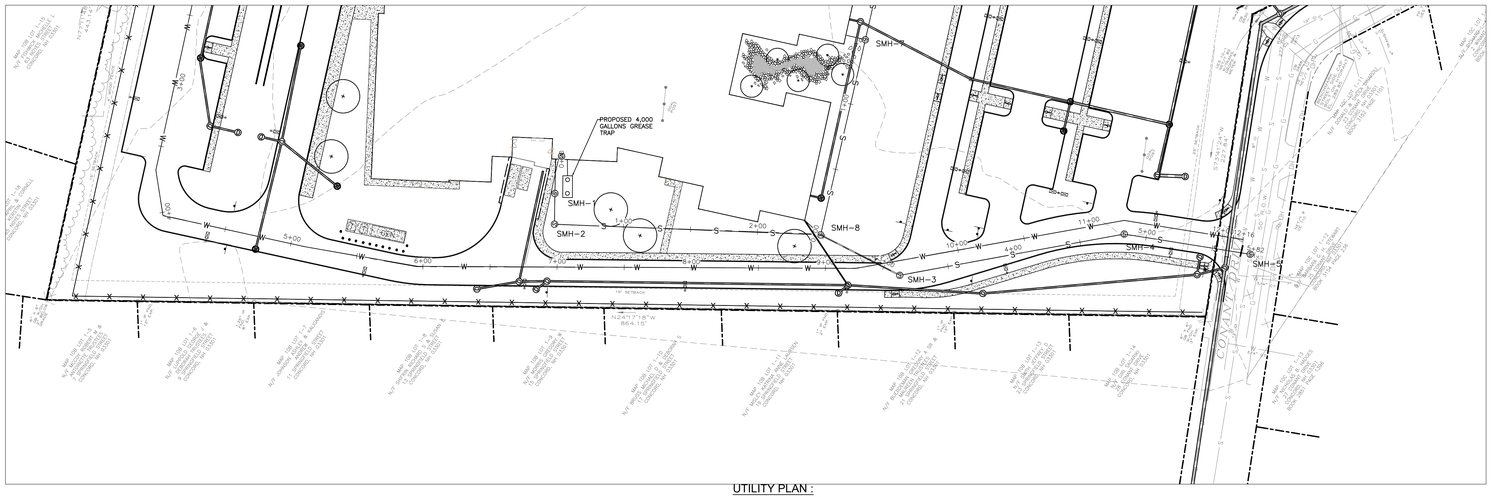
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DRAWING NUMBER
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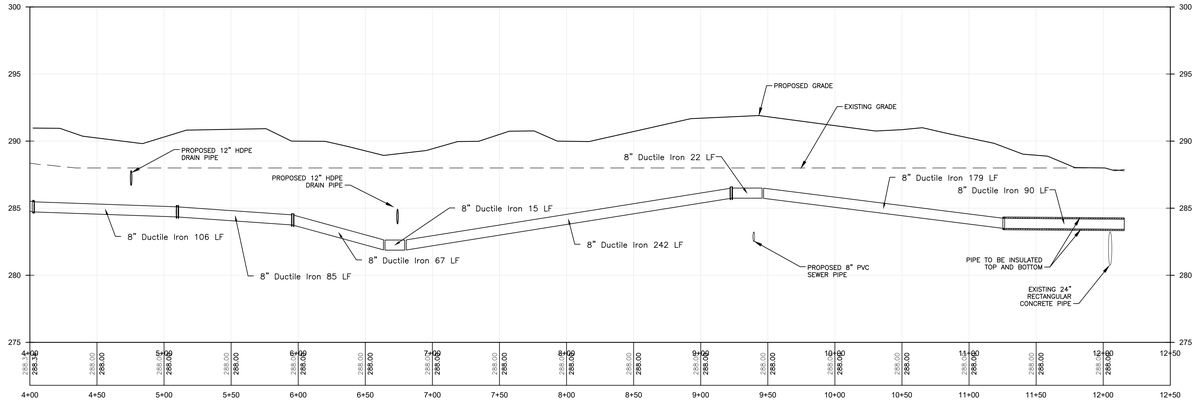
JOB NUMBER 100628.040

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UTILITY PLAN :
4+00 TO 12+16.00
SCALE: 1" = 40'



WATER PROFILE:
4+00 TO 12+16.00
HORIZ. SCALE: 1" = 40'
VERT. SCALE: 1" = 5'

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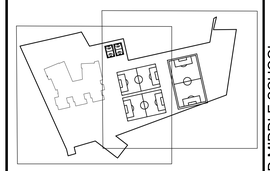
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CONCORD, NH 03301

CIVIL PERMITTING DRAWINGS
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JOHN CHRIS NADEAU No. 9394 LICENSED PROFESSIONAL ENGINEER
STATE OF NEW HAMPSHIRE

12/17/2025

KEYPLAN



REVISIONS NO.	DATE	REMARKS	BY

CONCORD MIDDLE SCHOOL
CONCORD, NEW HAMPSHIRE
UTILITY PROFILE

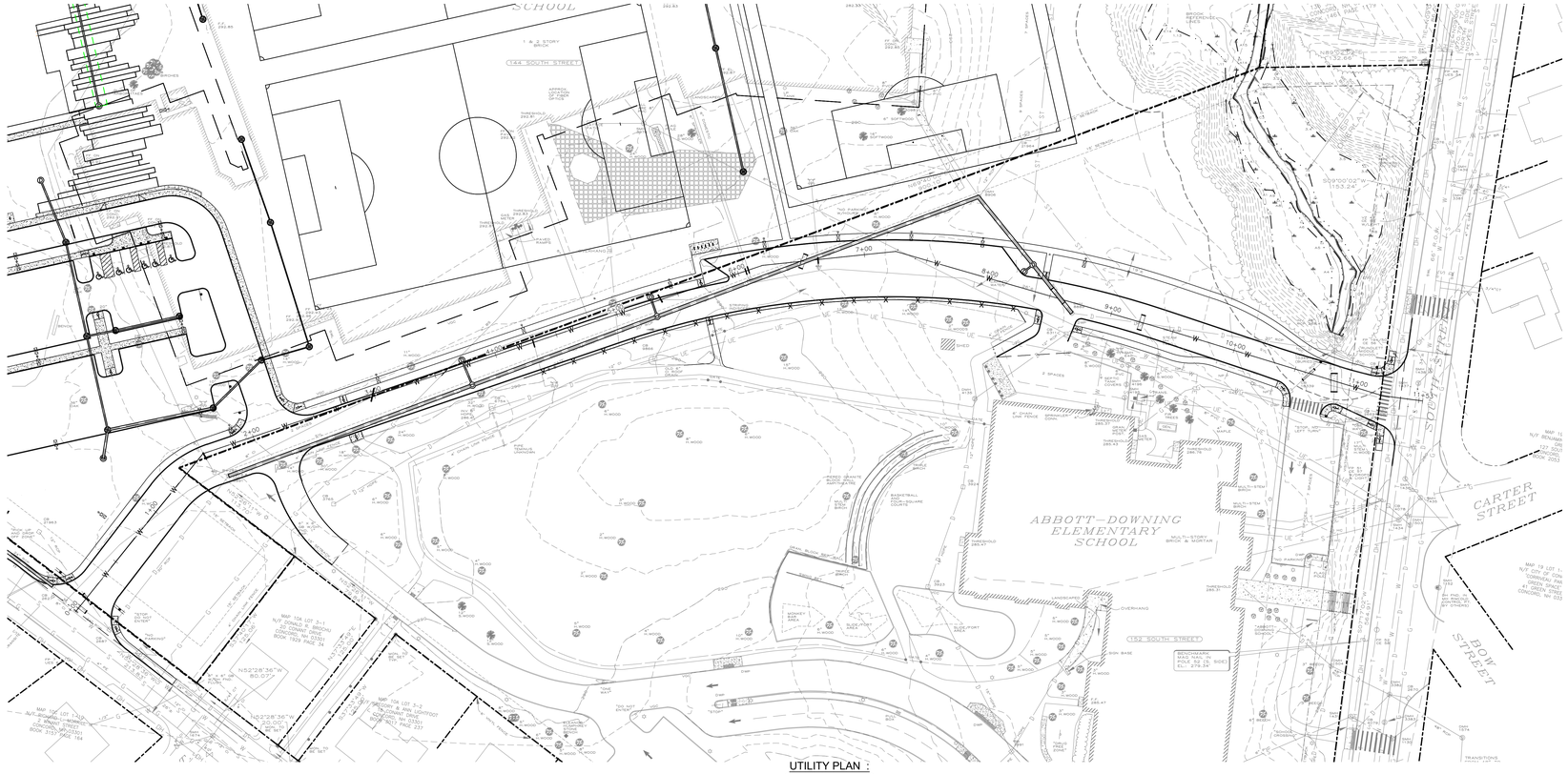
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DRAWING NUMBER
U-4

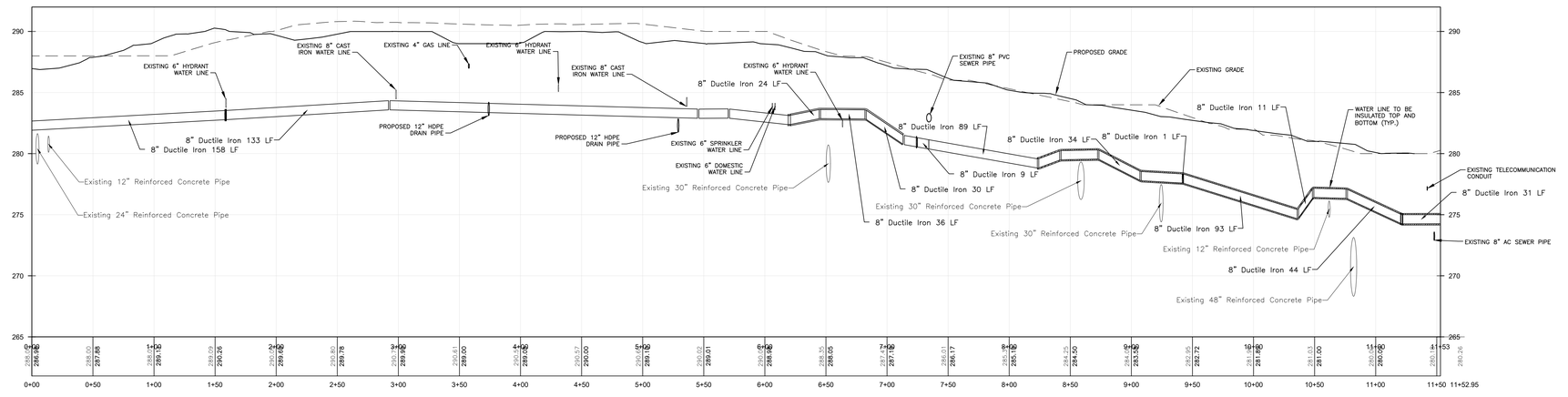
JOB NUMBER 100626.040

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UTILITY PLAN :
0+00 TO 11+53.00
SCALE: 1" = 40'



WATER PROFILE:
0+00 TO 11+52.23
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VERT. SCALE: 1" = 5'

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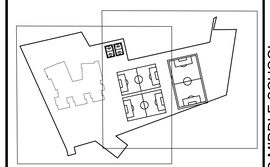
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LIBERTY STREET
CONCORD, NH 03301

CIVIL PERMITTING DRAWINGS
12/17/2025 (NOT FOR CONSTRUCTION)

JOHN CHRIS NADEAU No. 9394 LICENSED PROFESSIONAL ENGINEER
STATE OF NEW HAMPSHIRE

12/17/2025

KEYPLAN



CONCORD MIDDLE SCHOOL
CONCORD, NEW HAMPSHIRE
UTILITY PROFILE

DRAWN BY: JR & KLR CHECKED BY: JCN

REVISIONS NO. DATE REMARKS BY

DRAWING NUMBER
U-5

JOB NUMBER 100626.040

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SHEET C-5.1

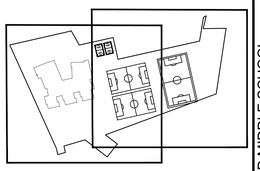
SHEET C-5.2

NOTES:

1. THIS PLAN IS NOT INTENDED TO SHOW PERMANENT DRAINAGE DESIGNS AND TO BE USED FOR TEMPORARY EROSION AND SEDIMENT CONTROL ONLY
2. CONTRACTOR TO GRADE ACTIVE EXCAVATION AREAS TO ALLOW MAXIMUM INFILTRATION OF STORMWATER AND MINIMIZE RUNOFF FROM DISTURBED AREAS.
3. DISTURBANCES OF AREAS TO BE MINIMIZED. NO DISTURBED AREA SHALL BE LEFT UNSTABILIZED FOR LONGER THAN TWO WEEK DURING THE GROWING SEASON. AREAS WHICH WILL NOT BE PERMANENTLY SEEDED WITHIN TWO WEEKS OF DISTURBANCE SHALL BE TEMPORARILY SEEDED AND MULCHED. ALL AREAS SHALL BE STABILIZED WITH SEED AND MULCH AND TACKIFIER WITHIN 72 HOURS OF ACHIEVING FINISHED GRADE AND PRIOR TO THE END OF THE GROWING SEASON.
4. FOR FURTHER INFORMATION ON BEST MANAGEMENT PRACTICES SEE COMPLETE PLAN SET AND STORMWATER POLLUTION PREVENTION PLAN (SWPPP) FOR THIS PROJECT PREPARED BY NOBIS ENGINEERING, INC., (DATE).
5. USE TEMPORARY EROSION AND SEDIMENT CONTROL PRODUCTS THAT EITHER DO NOT CONTAIN NETTING, OR THAT CONTAIN NETTING MANUFACTURED FROM 100% BIODEGRADABLE NON-PLASTIC MATERIALS SUCH AS JUTE, SISAL, OR COIR FIBER. DEGRADABLE, PHOTODEGRADABLE, UV-DEGRADABLE, OXO-DEGRADABLE, OR OXO-BIODEGRADABLE PLASTIC NETTING (INCLUDING POLYPROPYLENE, NYLON, POLYETHYLENE, AND POLYESTER) ARE NOT EQUIVALENT ALTERNATIVES. NETTING USED IN THESE PRODUCTS SHOULD HAVE A LOOSE-WEAVE WILDLIFE-SAFE DESIGN WITH MOVABLE JOINTS BETWEEN THE HORIZONTAL AND VERTICAL TWINES, ALLOWING THE TWINES TO MOVE INDEPENDENTLY AND THUS REDUCING THE POTENTIAL FOR WILDLIFE ENTANGLEMENT.
6. AVOID THE USE OF SILT FENCES REINFORCED WITH METAL OR PLASTIC MESH OR IF POSSIBLE RECOMMEND THE USE OF EROSION CONTROL BERMS
7. A SITE SHALL BE DEEMED TO BE STABILIZED WHEN IT IS IN A CONDITION IN WHICH THE SOILS ON THE SITE WILL NOT ERODE UNDER THE CONDITIONSOF A TEN (10) YEAR STORM. TEMPORARY SEDIMENT AND EROSION CONTROL DEVICES SHALL NOT BE REMOVED UNTIL PERMANENT STABILIZATION IS ESTABLISHED FOR THE ENTIRE SITE OR PHASE OF THE DEVELOPMENT. ALL TEMPORARY EROSION AND SEDIMENT CONTROL MEASURES SHALL BE REMOVED AFTER THE COMPLETION OF CONSTRUCTION.
8. ALL DISTURBED LAND SHALL BE RECOVERED WITH LOAM WITH A MINIMUM DEPTH OF SIX (6) INCHES. THE LOAM SHALL BE FERTILE, NATURAL SOIL, TYPICAL OF THE LOCALITY, FREE FROM LARGE STONES, ROOTS, STICKS, CLAY, PEAT, WEEDS AND SOD, AND OBTAINED FROM A NATURALLY WELL DRAINED AREA, NOR CONTAIN TOXIC MATERIALS TO PLANTS. THE LOAM SHALL NOT CONTAIN PARTICLES OVER TWO (2) INCHES IN DIAMETER. WHEN POSSIBLE, TOPSOIL FROM THE PROPOSED DEVELOPMENT SHALL BE REDISTRIBUTED SO AS TO PROVIDE THE REQUIRED COVER. ALL DISTURBED AREAS SHALL BE SEEDED IN ACCORDANCE WITH THE CITY OF CONCORD CONSTRUCTION STANDARDS AND DETAILS.
9. USE NONWOVEN COIR FABRIC WHEN A SURFACE FABRIC TREATMENT IS REQUIRED FOR EROSION CONTROL AND STABILIZATION. SUCH AS 100% BIODEGRADABLE COCONUT FIBER MAT OR EQUAL AS REVIEWED AND APPROVED BY THE PROJECT DESIGN ENGINEER.
10. USE WOVEN COIR FABRIC WHEN SITE CONDITIONS WARRANT. THE OUTER LAYER OF WOVEN COIR FABRIC SHOULD BE A HIGH STRENGTH, CONTINUOUSLY WOVEN MAT (I.E., WITHOUT SEAMS) AND MADE OF 100% COCONUT FIBER.
11. REFER TO GENERAL NOTES AND LEGEND SHEET FOR ADDITIONAL EROSION CONTROL NOTES AND CONSTRUCTION SEQUENCE.

GRAPHIC SCALE
1" = 50'

KEYPLAN



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12/17/2025 (NOT FOR CONSTRUCTION)

STATE OF NEW HAMPSHIRE
JOHN CHRIS NADEAU
No. 9294
LICENSED PROFESSIONAL ENGINEER

12/17/2025

CONCORD MIDDLE SCHOOL
CONCORD, NEW HAMPSHIRE
EROSION CONTROL PLAN
OVERVIEW
SCALE: 1" = 50' | DRAWN BY: JR & KLR | CHECKED BY: JCN

DRAWING NUMBER
C-5.0

JOB NUMBER 100626.045

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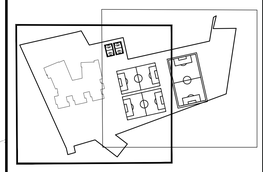
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NOTES:

1. THIS PLAN IS NOT INTENDED TO SHOW PERMANENT DRAINAGE DESIGNS AND TO BE USED FOR TEMPORARY EROSION AND SEDIMENT CONTROL ONLY.
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KEYPLAN



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STATE OF NEW HAMPSHIRE
JOHN CHRIS NADEAU
No. 9294
LICENSED PROFESSIONAL ENGINEER

12/17/2025

CONCORD MIDDLE SCHOOL
CONCORD, NEW HAMPSHIRE
EROSION CONTROL PLAN

SCALE: 1" = 30' | DRAWN BY: JR & KLR | CHECKED BY: JCN

DRAWING NUMBER
C-5.1

JOB NUMBER 100628.040

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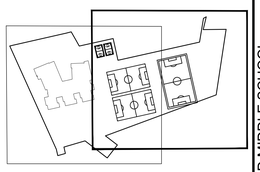


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GRAPHIC SCALE
1" = 30'

KEYPLAN



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CIVIL PERMITTING DRAWINGS
12/17/2025 (NOT FOR CONSTRUCTION)

STATE OF NEW HAMPSHIRE
JOHN CHRIS NADEAU
No. 9294
LICENSED PROFESSIONAL ENGINEER

12/17/2025

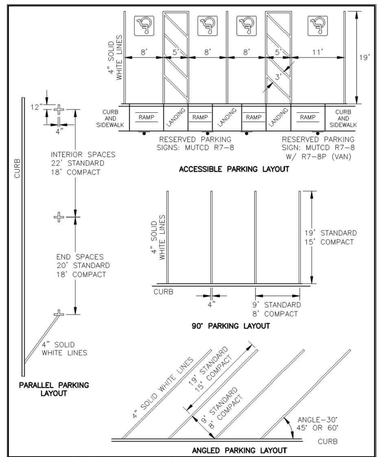
CONCORD MIDDLE SCHOOL
CONCORD, NEW HAMPSHIRE
EROSION CONTROL PLAN

CHECKED BY: JCN
DRAWN BY: JR & KLR
SCALE: 1" = 30'

DRAWING NUMBER
C-5.2

JOB NUMBER 100626.040

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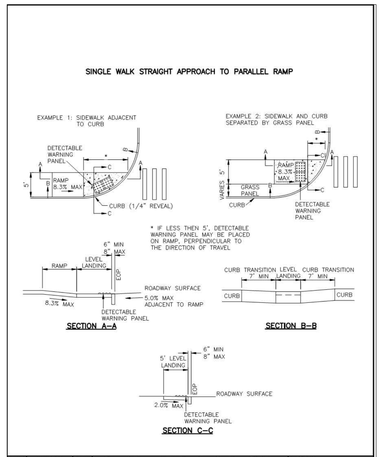


NO.	REVISION	DATE	City of Concord Engineering Services Division	SECTION: SITE/STREET
–	–	–	PARKING SPACE LAYOUT	DRAWING NO.: M-4
–	–	–		DATE: 12/08 PAGE: 1
–	–	–		

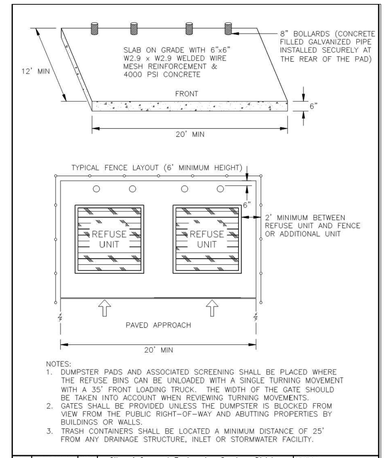
GENERAL NOTES:

1. THE DIMENSIONS AND GRADES SHOWN ON THIS STANDARD WILL BE ADHERED TO IN THE DESIGN AND THE CONSTRUCTION OF SIDEWALK RAMPS. WHERE SIDEWALKS RUN ADJACENT TO ROADWAYS ON STEEP (5% OR GREATER) GRADES, RAMP GRADES WILL BE AS FLAT AS POSSIBLE. (ON LOW SIDE OF DRIVES AND INTERSECTING SIDE STREETS, RAMPS SHALL SLOPE TOWARDS DRIVE OR SIDE STREET AT 2%)
2. NOMINAL RAMP DIMENSIONS AND GRADES:
   RAMP WIDTH – 5' MINIMUM
   RAMP SLOPE – 8.3% MAXIMUM
   FLARE SLOPE – 10% MAXIMUM
   RAMP CROSS SLOPE – 2% MAXIMUM
3. CURB RAMPS SHALL BE CONSTRUCTED OF 6" PORTLAND CEMENT CONCRETE (CLASS AA, 4000 PSI) WITH 6"X6" W2.9XW2.9 WOVEN WIRE FABRIC REINFORCING PLACED 2½" FROM THE TOP OF THE SLAB WITH 6" CRUSHED GRAVEL SUBBASE
4. ALL SIDEWALKS AND LANDINGS SHALL HAVE A CROSS SLOPE OF 2% DRAINING TOWARD THE STREET, DRIVE, OR PARKING AREA
5. A LEVEL LANDING (NO GREATER THAN 2% SLOPE IN ANY DIRECTION) SHALL BE PROVIDED AT THE TOP OF SIDEWALK RAMPS TO ALLOW FOR STOPPING AND MANEUVERING OF WHEELCHAIRS
6. LEVEL LANDINGS (NO GREATER THAN 2% SLOPE IN ANY DIRECTION) AT THE BOTTOM OF PERPENDICULAR RAMPS SHALL BE WHOLLY CONTAINED WITHIN MARKED CROSSWALKS.
7. DUMMY JOINTS SHALL BE PROVIDED AT TRANSITIONS (GRADE CHANGES) AT TOPS AND BOTTOMS OF RAMPS AND FLARES.
8. VERTICAL DROP-OFF EDGES TO RAMPS WILL NOT BE BUILT UNLESS THE RAMP ABUTS AN AREA WHICH WILL NOT BE USED BY PEDESTRIANS
9. A ¼" CURB REVEAL WILL BE PROVIDED WHERE THE RAMP ADJOINS THE ROADWAY
10. AT MARKED CROSSWALKS, THE FULL WIDTH OF THE RAMP OR LANDING SHALL BE CONTAINED WITHIN THE PAVEMENT MARKINGS
11. RAMP FLARES SHOULD BE LOCATED OUTSIDE THE DIRECT LINE OF TRAVEL MOST LIKELY TO BE FOLLOWED BY THE VISUALLY IMPAIRED.
12. SIGNS, POLES, PLANTERS, MAILBOXES, ETC., SHALL NOT BE LOCATED WHERE THEY WILL INTERFERE WITH THE USE OF SIDEWALK RAMPS
13. SIDEWALK RAMPS SHALL NOT BE LOCATED WHERE USERS MUST CROSS DROP INLET GRATES, MANHOLE COVERS, OR OTHER ACCESS LIDS. IF THIS CANNOT BE AVOIDED THEN GRATE DESIGN AND PLACEMENT SHALL CONFORM TO ADA REQUIREMENTS
14. CURB DRAINAGE SHOULD BE CONSTRUCTED SO AS TO PRECLUDE THE FLOW OF WATER PAST THE SIDEWALK RAMP
15. WHEREVER FEASIBLE, TWO SIDEWALK RAMPS ARE RECOMMENDED IN PREFERENCE TO A SINGLE RAMP
16. SIDEWALKS THAT ARE LESS THAN 5' WIDE REQUIRE 5' WIDE BY 5' LONG PASSING AREAS (NO GREATER THAN 2% CROSS SLOPE) AT INTERVALS NOT TO EXCEED 200'
17. E.O.P. = EDGE OF PAVEMENT
18. THE PUBLIC SIDEWALK CURB RAMP STANDARDS DEPICTED HERE MAY NOT BE APPROPRIATE FOR ALL LOCATIONS. FIELD CONDITIONS AT INDIVIDUAL LOCATIONS MAY REQUIRE SPECIFIC DESIGNS. DESIGNS MUST BE CONSISTENT WITH THE PROVISIONS OF THIS SHEET TO THE MAXIMUM EXTENT FEASIBLE ON ALTERATION PROJECTS AND WHEN STRUCTURALLY PRACTICABLE ON NEW CONSTRUCTION PROJECTS AS REQUIRED BY THE U.S. ACCESS BOARD FOR PUBLIC RIGHTS-OF-WAY.

NO.	REVISION	DATE	City of Concord Engineering Services Division	SECTION: SITE/STREET
1	REV STYLE	11-09	SIDEWALK RAMP GENERAL NOTES	DRAWING NO.: CR-2
2	NOTE 18	5.19		DATE: 12/08 PAGE: 1
–	–	–		
APPROVED BY:				



NO.	REVISION	DATE	City of Concord Engineering Services Division	SECTION: SITE/STREET
1	REV STYLE	11-09	SIDEWALK RAMP TYPE 1	DRAWING NO.: CR-3
–	–	–		DATE: 12/08 PAGE: 1
–	–	–		
APPROVED BY:				



NOTES:
1. DUMPSTER PADS AND ASSOCIATED SCREENING SHALL BE PLACED WHERE THE REFUSE BINS CAN BE UNLOADED WITH A SINGLE TURNING MOVEMENT WITH A 35' FRONT LOADING TRUCK. THE WIDTH OF THE GATE SHOULD BE TAKEN INTO ACCOUNT WHEN REVIEWING TURNING MOVEMENTS.
2. GATES SHALL BE PROVIDED UNLESS THE DUMPSTER IS BLOCKED FROM VIEW FROM THE PUBLIC RIGHT-OF-WAY AND ABUTTING PROPERTIES BY BUILDINGS OR WALLS.
3. TRASH CONTAINERS SHALL BE LOCATED A MINIMUM DISTANCE OF 25' FROM ANY DRAINAGE STRUCTURE, INLET OR STORMWATER FACILITY.

NO.	REVISION	DATE	City of Concord Engineering Services Division	SECTION: SITE
1	NOTE 2	01.15	MULTIPLE DUMPSTER PAD	DRAWING NO.: M-9
–	–	–		DATE: 12/08 PAGE: 1
–	–	–		

SYMBOL SHALL BE WHITE WITH AN OPTIONAL BLUE BACKGROUND

NO.	REVISION	DATE	City of Concord Engineering Services Division	SECTION: SITE/STREET
–	–	–	ACCESSIBLE PARKING SPACE PAVEMENT MARKING	DRAWING NO.: M-5
–	–	–		DATE: 12/08 PAGE: 1
–	–	–		

NO.	REVISION	DATE	City of Concord Engineering Services Division	SECTION: SITE/STREET
–	–	–	PAVEMENT MARKINGS	DRAWING NO.: M-3
–	–	–		DATE: 12/08 PAGE: 1
–	–	–		

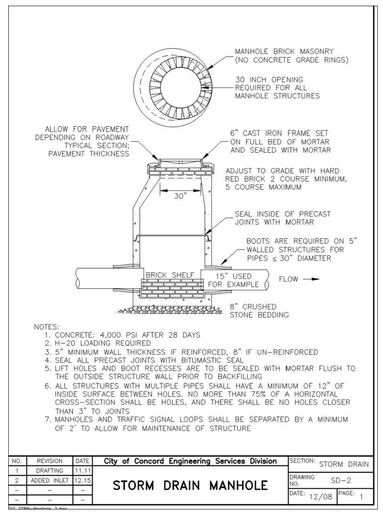
NOTES:
1. STEEL PIPE SHALL BE GALVANIZED AND HAVE A MINIMUM WALL THICKNESS OF 0.12 INCHES.
2. CONCRETE SHALL BE 3000PSI
3. BOLLARDS TO BE PAINTED WITH ZINC CHROMATE PRIMER AND 2 COATS OF EXTERNAL GLOSS ENAMEL COLOR YELLOW TO MATCH FED. STD. 595 CHIP NO. 13538.

RESERVED PARKING SIGN ON BOLLARD

NOT TO SCALE

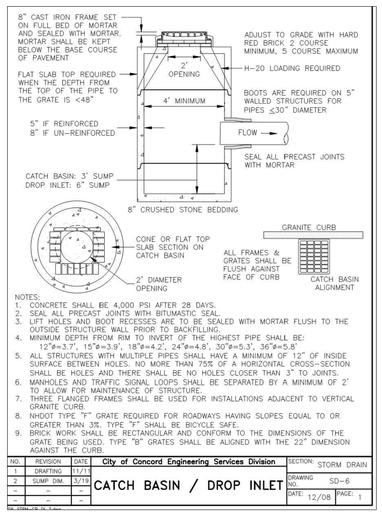
THIS INFORMATION MAY NOT CONTAIN ALL DETAILS REQUIRED FOR CONSTRUCTION. APPROPRIATE MODIFICATION MAY BE REQUIRED TO ENSURE SUITABILITY OF THESE DRAWINGS FOR THE SPECIFIC APPLICATION. IT IS THE USERS RESPONSIBILITY TO ENSURE INSTALLATION OF THE EQUIPMENT/SYSTEM IN ACCORDANCE WITH BUILDING/PROJECT SPECIFICATIONS, APPLICABLE CODES AND STANDARDS.

NO.	REVISION	DATE	City of Concord Engineering Services Division	SECTION: ROADWAY
–	–	–	TYPICAL LIGHT POLE AND FOUNDATION	DRAWING NO.: M-13
–	–	–		DATE: 01/14 PAGE: 1
–	–	–		



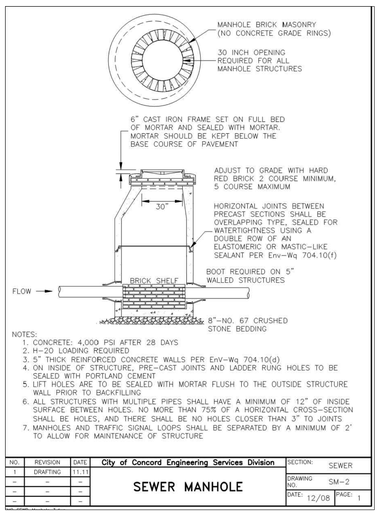
NOTES:
1. CONCRETE: 4,000 PSI AFTER 28 DAYS
2. H-20 LOADING REQUIRED
3. 5" MINIMUM WALL THICKNESS IF REINFORCED, 8" IF UN-REINFORCED
4. SEAL ALL PRECAST JOINTS WITH BITUMASTIC SEAL
5. LIFT HOLES AND BOOT RECESSES ARE TO BE SEALED WITH MORTAR FLUSH TO THE OUTSIDE STRUCTURE WALL PRIOR TO BACKFILLING
6. ALL STRUCTURES WITH MULTIPLE PIPES SHALL HAVE A MINIMUM OF 12" OF INSIDE SURFACE BETWEEN HOLES. NO MORE THAN 75% OF A HORIZONTAL CROSS-SECTION SHALL BE HOLES, AND THERE SHALL BE NO HOLES CLOSER THAN 3" TO JOINTS
7. MANHOLES AND TRAFFIC SIGNAL LOOPS SHALL BE SEPARATED BY A MINIMUM OF 2' TO ALLOW FOR MAINTENANCE OF STRUCTURE

NO.	REVISION	DATE	City of Concord Engineering Services Division	SECTION: STORM DRAIN
1	DRAFTING	11.13	STORM DRAIN MANHOLE	DRAWING NO.: SD-2
2	ADDED INLET	12.15		DATE: 12/08 PAGE: 1
–	–	–		
–	–	–		



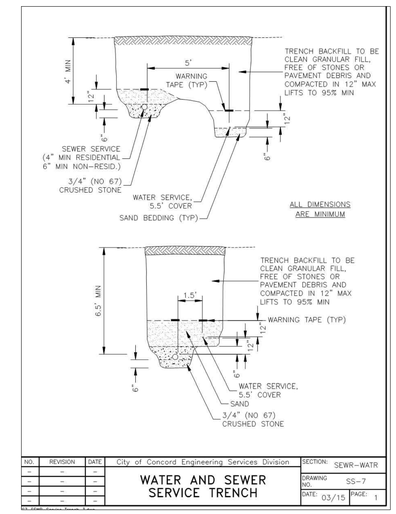
NOTES:
1. CONCRETE SHALL BE 4,000 PSI AFTER 28 DAYS.
2. SEAL ALL PRECAST JOINTS WITH BITUMASTIC SEAL.
3. LIFT HOLES AND BOOT RECESSES ARE TO BE SEALED WITH MORTAR FLUSH TO THE OUTSIDE STRUCTURE WALL PRIOR TO BACKFILLING.
4. MINIMUM DEPTH FROM RIM TO INVERT OF THE HIGHEST PIPE SHALL BE: 12"ø=3.7', 15"ø=3.9', 18"ø=4.2', 24"ø=4.8', 30"ø=5.3', 36"ø=5.8'
5. ALL STRUCTURES WITH MULTIPLE PIPES SHALL HAVE A MINIMUM OF 12" OF INSIDE SURFACE BETWEEN HOLES. NO MORE THAN 75% OF A HORIZONTAL CROSS-SECTION SHALL BE HOLES AND THERE SHALL BE NO HOLES CLOSER THAN 3" TO JOINTS.
6. MANHOLES AND TRAFFIC SIGNAL LOOPS SHALL BE SEPARATED BY A MINIMUM OF 2' TO ALLOW FOR MAINTENANCE OF STRUCTURE.
7. THREE FLANGED FRAMES SHALL BE USED FOR INSTALLATIONS ADJACENT TO VERTICAL GRANITE CURB.
8. NHDOT TYPE "F" GRATE REQUIRED FOR ROADWAYS HAVING SLOPES EQUAL TO OR GREATER THAN 3%, TYPE "F" SHALL BE BICYCLE SAFE.
9. BRICK WORK SHALL BE RECTANGULAR AND CONFORM TO THE DIMENSIONS OF THE GRATE BEING USED. TYPE "B" GRATES SHALL BE ALIGNED WITH THE 22" DIMENSION AGAINST THE CURB.

NO.	REVISION	DATE	City of Concord Engineering Services Division	SECTION: STORM DRAIN
1	DRAFTING	11/13	CATCH BASIN / DROP INLET	DRAWING NO.: SD-6
2	SUMP DIM.	3/19		DATE: 12/08 PAGE: 1
–	–	–		
–	–	–		



NOTES:
1. CONCRETE: 4,000 PSI AFTER 28 DAYS
2. H-20 LOADING REQUIRED
3. 5" THICK REINFORCED CONCRETE WALLS PER Env-Wq 704.10(d)
4. ON INSIDE OF STRUCTURE, PRE-CAST JOINTS AND LADDER RUNG HOLES TO BE SEALED WITH PORTLAND CEMENT
5. LIFT HOLES ARE TO BE SEALED WITH MORTAR FLUSH TO THE OUTSIDE STRUCTURE WALL PRIOR TO BACKFILLING
6. ALL STRUCTURES WITH MULTIPLE PIPES SHALL HAVE A MINIMUM OF 12" OF INSIDE SURFACE BETWEEN HOLES. NO MORE THAN 75% OF A HORIZONTAL CROSS-SECTION SHALL BE HOLES, AND THERE SHALL BE NO HOLES CLOSER THAN 3" TO JOINTS
7. MANHOLES AND TRAFFIC SIGNAL LOOPS SHALL BE SEPARATED BY A MINIMUM OF 2' TO ALLOW FOR MAINTENANCE OF STRUCTURE

NO.	REVISION	DATE	City of Concord Engineering Services Division	SECTION: SEWER
1	DRAFTING	11.13	SEWER MANHOLE	DRAWING NO.: SM-2
–	–	–		DATE: 12/08 PAGE: 1
–	–	–		
–	–	–		



NO.	REVISION	DATE	City of Concord Engineering Services Division	SECTION: SEWR-WATR
–	–	–	WATER AND SEWER SERVICE TRENCH	DRAWING NO.: SS-7
–	–	–		DATE: 03/15 PAGE: 1
–	–	–		

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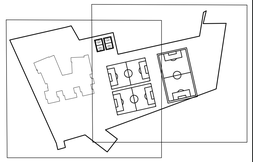
OWNER
CONCORD SCHOOL DISTRICT SAU 8
LIBERTY STREET
CONCORD, NH 03301

CIVIL PERMITTING DRAWINGS
12/17/2025 (NOT FOR CONSTRUCTION)

STATE OF NEW HAMPSHIRE
JOHN CHRIS NADEAU
No. 9284
LICENSED PROFESSIONAL ENGINEER

12/17/2025

KEYPLAN



CONCORD MIDDLE SCHOOL
CONCORD, NEW HAMPSHIRE
CONSTRUCTION DETAILS

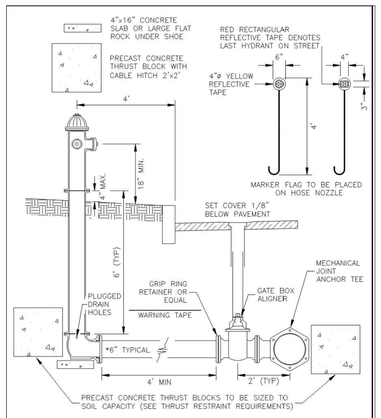
DRAWN BY: JR & KLR CHECKED BY: JCN

REVISIONS NO.	DATE	REMARKS	BY

DRAWING NUMBER
C-6.0

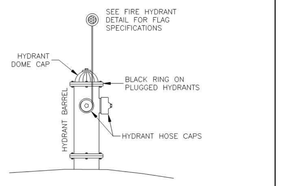
JOB NUMBER 100628.040

12/9/2025 12:43:51 PM
C:\Files\2024 Local Files - CONCORD_CENTRAL_ES_Sheets\C-6.0.dwg



* SHOULD THE HYDRANT BE MORE THAN 20' FROM THE MAIN, THE HYDRANT SERVICE SHALL BE 8" TO A POINT IMMEDIATELY ADJACENT TO THE HYDRANT WHERE THE SERVICE WILL BE REDUCED TO 6".

NO.	REVISION	DATE	City of Concord Engineering Services Division	SECTION:	WATER
1	FLANGE HEIGHT	11.11			
2	DRAFTING	11.11	FIRE HYDRANT	DRAWING NO.	W-2
3	Nozzle Height	02.19			
–	–	–		DATE: 12/08	PAGE: 1

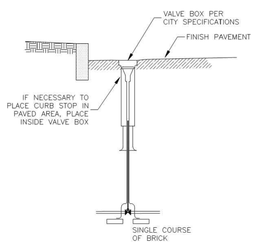


HYDRANT PAINTING

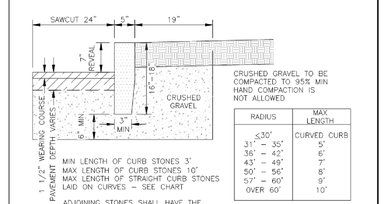
SERVICE PRESSURE	HYDRANT BARREL	HYDRANT DOME CAP	HYDRANT HOSE CAPS
HIGH PRESSURE:			
PUBLIC PRIVATE	OSHA ORANGE GLOSS YELLOW	CHROME ALUMINUM CHROME ALUMINUM	OSHA ORANGE GLOSS YELLOW
EXTRA HIGH PRESSURE:			
PUBLIC PRIVATE	OSHA ORANGE GLOSS YELLOW	CHROME ALUMINUM CHROME ALUMINUM	CHROME ALUMINUM CHROME ALUMINUM
NON-POTABLE WATER SUPPLIES:			
PUBLIC PRIVATE	OSHA ORANGE GLOSS YELLOW	GLOSS GREEN GLOSS GREEN	GLOSS GREEN GLOSS GREEN

NOTES:
1. THE CONTRACTOR/DEVELOPER SHALL BE RESPONSIBLE FOR THE PAINTING OF THE HYDRANTS.
2. AT THE CONTRACTORS OPTION, IF REQUESTED, GENERAL SERVICES WILL PAINT THE HYDRANTS AT A NOMINAL CHARGE

NO.	REVISION	DATE	City of Concord Engineering Services Division	SECTION:	WATER
–	–	–			
1	DRAFTING	4.15	HYDRANT PAINTING & MARKER FLAGS	DRAWING NO.	W-3
1	COLORS	4.15			
–	–	–		DATE: 12/08	PAGE: 1
–	–	–			



NO.	REVISION	DATE	City of Concord Engineering Services Division	SECTION:	WATER
–	–	–			
–	–	–	CURB STOP IN PAVEMENT	DRAWING NO.	W-13
–	–	–			
–	–	–		DATE: 3/13	PAGE: 1



RADIUS	MAX LENGTH
≤30'	CURVED CURB
31' – 35'	5'
36' – 42'	6'
43' – 49'	7'
50' – 56'	8'
57' – 60'	9'
OVER 60'	10'

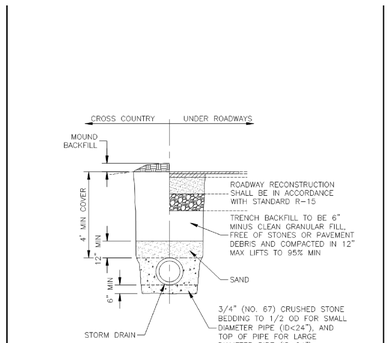
MIN LENGTH OF CURB STONES 3'
MAX LENGTH OF CURB STONES 10'
MAX LENGTH OF STRAIGHT CURB STONES LAID ON CURVES – SEE CHART

ADJOINING STONES SHALL HAVE THE SAME OR APPROXIMATE LENGTH.

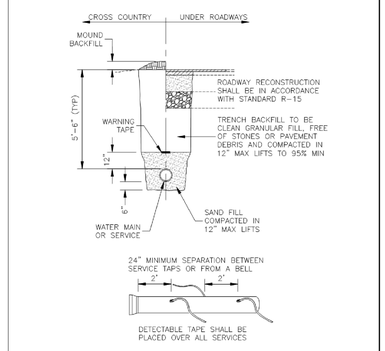
FINISH SURFACE AND TOLERANCES FOR VERTICAL GRANITE CURB

AREA	FINISH SURFACE	TOLERANCE
TOP	5" WIDE OR AS OTHERWISE SHOWN, SAWN TRUE PLANE.	+⅛" TO +¼"
	FRONT AND BACK ARRIS LINES PITCHED STRAIGHT AND PARALLEL.	+⅛" TO +¼"
FRONT FACE	RIGHT ANGLE TO TOP, APPROXIMATELY TRUE PLANE. NO DRILL HOLES SHOWING IN TOP 10"	+1" TO –½"
BACK FACE EXPOSED	PLANE PARALLEL WITH FRONT FACE, STRAIGHT SPLIT TO 1½" BELOW EXPOSED SURFACE. NO LARGER THAN ¾" SEGMENT OF DRILL HOLES SHOWING IN ARRIS LINES.	+1" TO –1"
CONCEALED	BELOW 1½" FROM EXPOSED SURFACE.	+1½" TO –1½"
BOTTOM	APPROXIMATELY PARALLEL TO TOP, MINIMUM WIDTH: 3"	SEE PLANS
ENDS EXPOSED PORTION	SQUARE WITH PLANES OF TOP AND FACE	
JOINTS EXPOSED	OPTIMUM WIDTH: 1"	
CONCEALED	TO BREAK BACK NO MORE THAN 4"	+¾" TO –¾"

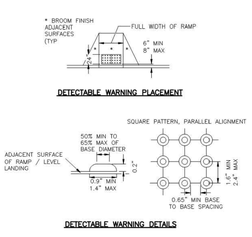
NO.	REVISION	DATE	City of Concord Engineering Services Division	SECTION:	SITE/STREET
1	DRAFTING	12.15			
2	SAWCUT	5.16	VERTICAL GRANITE CURB	DRAWING NO.	C-1
–	–	–			
–	–	–		DATE: 12/08	PAGE: 1



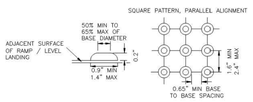
NO.	REVISION	DATE	City of Concord Engineering Services Division	SECTION:	STORM
1	Standard Reference	01.19			
–	–	–	STORM DRAIN TRENCH	DRAWING NO.	SD-1
–	–	–			
–	–	–		DATE: 04/15	PAGE: 1



NO.	REVISION	DATE	City of Concord Engineering Services Division	SECTION:	WATER
1	NEW FORMAT	4.15			
2	STANDARD REFERENCE	01.19	WATER MAIN/SERVICE TRENCH	DRAWING NO.	W-1
–	–	–			
–	–	–		DATE: 12/08	PAGE: 1



DETECTABLE WARNING PLACEMENT

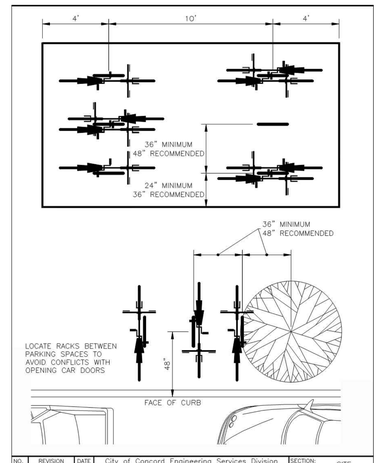


DETECTABLE WARNING DETAILS

NOTES:
1. DETECTABLE WARNING SURFACES SHALL BE CAST IRON WITHIN THE CITY R.O.W.
2. CONCRETE ADJACENT TO ALL DETECTABLE WARNINGS SHALL HAVE A BROOM FINISH.
3. THE COLOR OF THE DETECTABLE WARNING SHALL PROVIDE A VISUAL CONTRAST TO THE SURROUNDING SURFACE AND SHALL BE AS SPECIFIED ON THE PLANS.
4. WHERE A RAMP OR LEVEL LANDING MEETS A CURB RADIUS, ALIGN THE EDGE OF THE DETECTABLE WARNING AREA PARALLEL TO THE CURB TO THE MAXIMUM EXTENT FEASIBLE.

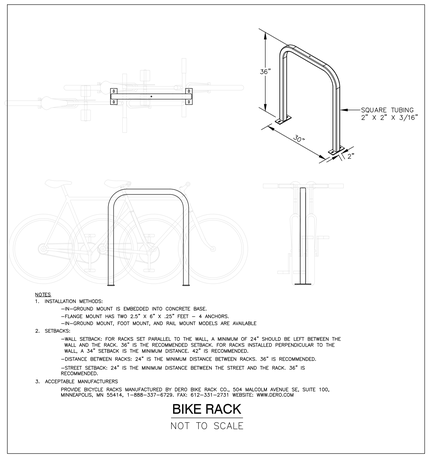
NO.	REVISION	DATE	City of Concord Engineering Services Division	SECTION:	SITE/STREET
1	REV STYLE	11-09			
–	–	–	DETECTABLE WARNING PANEL DETAILS	DRAWING NO.	CR-1
–	–	–			
–	–	–		DATE: 12/08	PAGE: 1

APPROVED BY:
CR1-GR13_RDWY-Curb Ramps_10.dwg



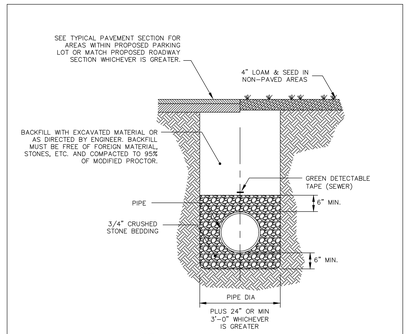
NO.	REVISION	DATE	City of Concord Engineering Services Division	SECTION:	SITE
–	–	–			
–	–	–	BICYCLE PARKING	DRAWING NO.	M-12
–	–	–			
–	–	–		DATE: 08/13	PAGE: 1

P:_SITE-Bike Parking_3.dwg



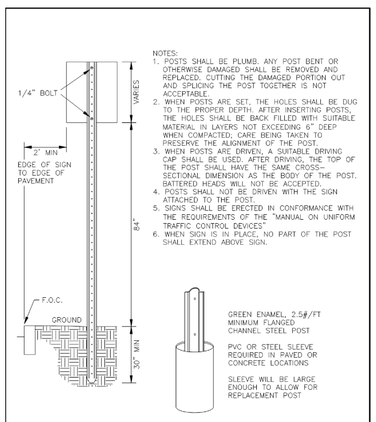
NOTES:
1. INSTALLATION METHODS:
   –IN-GROUND MOUNT IS EMBEDDED INTO CONCRETE BASE.
   –FLANGE MOUNT HAS TWO 2.5" X 4" X .25" FEET – 4 ANCHORS.
   –IN-GROUND MOUNT, FOOT MOUNT, AND RAIL MOUNT MODELS ARE AVAILABLE
2. SETBACKS:
   –WALL SETBACK: FOR RACKS SET PARALLEL TO THE WALL, A MINIMUM OF 24" SHOULD BE LEFT BETWEEN THE WALL AND THE RACK. 36" IS THE RECOMMENDED SETBACK. FOR RACKS INSTALLED PERPENDICULAR TO THE WALL, A 34" SETBACK IS THE MINIMUM DISTANCE, 42" IS RECOMMENDED.
   –DISTANCE BETWEEN RACKS: 24" IS THE MINIMUM DISTANCE BETWEEN RACKS. 36" IS RECOMMENDED.
   –STREET SETBACK: 24" IS THE MINIMUM DISTANCE BETWEEN THE STREET AND THE RACK. 36" IS RECOMMENDED.
3. ACCEPTABLE MANUFACTURERS
   PROVIDE BICYCLE RACKS MANUFACTURED BY DERO BIKE RACK CO., 504 MALCOLM AVENUE SE, SUITE 100, MINNEAPOLIS, MN 55414, 1-888-337-8729, FAX: 612-331-2731 WEBSITE: WWW.DERO.COM

BIKE RACK
NOT TO SCALE



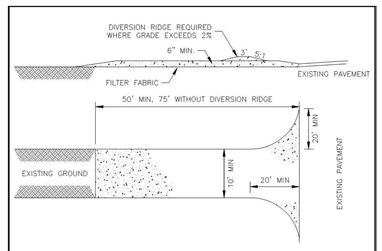
NOTE:
1. FOR SEWER PIPES LESS THAN 15"ø, THE ALLOWABLE TRENCH WIDTH 12" ABOVE PIPE SHALL BE NO MORE THAN 36".
2. IF BEDROCK/LEDGE IS ENCOUNTERED, OVER-EXCAVATE AT LEAST 12" BELOW THE BOTTOM OF SEWER PIPE PER ENV-WQ 704.11(D).

TYPICAL SANITARY/STORM SEWER TRENCH DETAIL
NOT TO SCALE



NOTES:
1. POSTS SHALL BE PLUMB. ANY POST BENT OR OTHERWISE DAMAGED SHALL BE REMOVED AND REPLACED, CUTTING THE DAMAGED PORTION OUT AND SPLICING THE POST TOGETHER IS NOT ACCEPTABLE.
2. WHEN POSTS ARE SET, THE HOLES SHALL BE DUG TO THE PROPER DEPTH. AFTER INSERTING POSTS, THE HOLES SHALL BE BACK FILLED WITH SUITABLE MATERIAL IN LAYERS NOT EXCEEDING 6" DEEP WHEN COMPACTED. CARE BEING TAKEN TO PRESERVE THE ALIGNMENT OF THE POST.
3. WHEN POSTS ARE DRIVEN, A SUITABLE DRIVING CAP SHALL BE USED. AFTER DRIVING, THE TOP OF THE POST SHALL HAVE THE SAME CROSS-SECTIONAL DIMENSION AS THE BODY OF THE POST. BATTERED HEADS WILL NOT BE ACCEPTED.
4. POSTS SHALL NOT BE DRIVEN WITH THE SIGN ATTACHED TO THE POST.
5. SIGNS SHALL BE ERECTED IN CONFORMANCE WITH THE REQUIREMENTS OF THE "MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES"
6. WHEN SIGN IS IN PLACE, NO PART OF THE POST SHALL EXTEND ABOVE SIGN.

NO.	REVISION	DATE	City of Concord Engineering Services Division	SECTION:	SITE/STREET
1	DRAFTING	11/11			
2	POST #/FT	8/13	ROAD SIGN POST and SLEEVE – URBAN	DRAWING NO.	M-1
–	–	–			
–	–	–		DATE: 12/08	PAGE: 1



CONSTRUCTION REQUIREMENTS

1. STONE SIZE – 3" COARSE AGGREGATE.
2. THICKNESS – 6" MIN
3. FILTER CLOTH – WILL BE PLACED OVER THE ENTIRE AREA PRIOR TO PLACING OF STONE.
6. LENGTH – NOT LESS THAN 50'. EXCEPT ON A SINGLE RESIDENCE LOT WHERE A 30' MIN LENGTH WOULD APPLY.
7. WIDTH – 10' MIN, BUT NOT LESS THAN THE FULL WIDTH AT POINTS WHERE INGRESS OR EGRESS OCCURS.
8. SURFACE WATER – ALL SURFACE WATER FLOWING OR DIVERTED TOWARD CONSTRUCTION ENTRANCES SHALL BE PIPED ACROSS THE ENTRANCE.
9. MAINTENANCE – THE ENTRANCE SHALL BE MAINTAINED IN A CONDITION WHICH WILL PREVENT TRACKING OR FLOWING OF SEDIMENT ONTO PUBLIC RIGHTS-OF-WAY. ALL SEDIMENT SPILLED, DROPPED, WASHED OR TRACKED ONTO PUBLIC RIGHTS-OF-WAY MUST BE REMOVED IMMEDIATELY.
10. WHEN WASHING IS REQUIRED, IT SHALL BE DONE ON AN AREA STABILIZED WITH STONE AND WHICH DRAINS INTO AN APPROVED SEDIMENT TRAPPING DEVICE.
11. PERIODIC INSPECTION AND NEEDED MAINTENANCE SHALL BE PROVIDED AFTER EACH RAIN.

NO.	REVISION	DATE	City of Concord Engineering Services Division	SECTION:	EPSC
–	–	–			
–	–	–	CONSTRUCTION ENTRANCE DETAIL	DRAWING NO.	E-1
–	–	–			
–	–	–		DATE: 01/08	PAGE: 1

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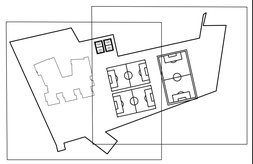
OWNER
CONCORD SCHOOL DISTRICT BAU 8
LIBERTY STREET
CONCORD, NH 03301

CIVIL PERMITTING DRAWINGS
12/17/2025 (NOT FOR CONSTRUCTION)

STATE OF NEW HAMPSHIRE
JOHN CHRIS NADEAU
No. 9264
LICENSED PROFESSIONAL ENGINEER

KEYPLAN

12/17/2025



CONCORD MIDDLE SCHOOL
CONCORD, NEW HAMPSHIRE
CONSTRUCTION DETAILS

DRAWN BY: JR & KLR CHECKED BY: JCN

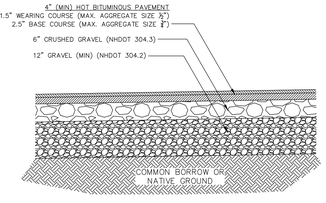
REVISIONS NO.	DATE	REMARKS	BY

DRAWING NUMBER
C-6.1

JOB NUMBER 100628.040

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TYPICAL NEW PARKING SECTION

NOT TO SCALE

M.U.T.C.D. NUMBER	SPECIFICATION WIDTH	HEIGHT	MOUNTING HEIGHT	SIGN
R1-1	30"	30"	7'-0"	STOP
R7-8	12"	18"	7'-0"	RESERVED PARKING
R7-8A	12"	6"	6'-5"	VAN ACCESSIBLE
R5-1	30"	30"	7'-0"	DO NOT ENTER
R8-3A	12"	18"	7'-0"	NO PARKING
R6-1(R)(L)	36"	12"	7'-0"	ONE WAY
R6-2(R)(L)	24"	30"	7'-0"	ONE WAY

NOTE:
1. MOUNTING HEIGHT IS THE CLEARANCE OF THE BOTTOM OF THE SIGN TO THE NEAREST EDGE OF PAVEMENT.

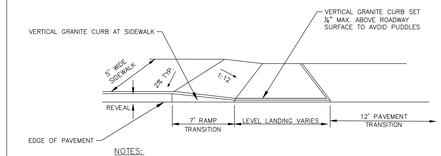
2. ALL SIGN POSTS SHALL BE 2.5#/FT. U-CHANNEL POSTS, PAINTED GREEN AND CONFORM TO NHDOT SPECIFICATION 615.2.5.3.

3. ALL SIGNS SHALL BE FABRICATED OF DIAMOND GRADE SHEETING.

4. STREET SIGNS SHALL BE FABRICATED AND INSTALLED IN ACCORDANCE WITH THE MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES. STREET SIGN LETTERS WILL BE 6-INCHES TALL ON A 9-INCH ALUMINUM BACKING. PEDESTRIAN AND SCHOOL CROSSING SIGNS SHALL HAVE A DIAMOND GRADE FLORESCENT YELLOW-GREEN BACKGROUND WITH BLACK LEGEND AND BORDER. SIGN POSTS SHALL BE GREEN ENAMEL 2.5#/FT MINIMUM FLANGED CHANNEL STEEL.

SIGN SUMMARY

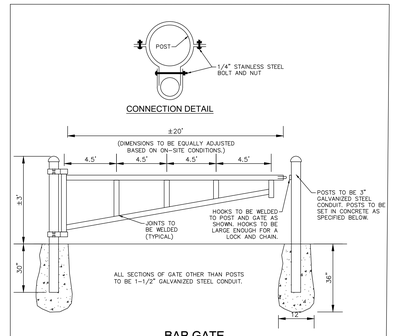
NOT TO SCALE



NOTES:
1. REFER TO CITY OF CONCORD SIDEWALK RAMP GENERAL NOTES (CR-2)
2. SIDEWALK SHALL BE MIN. 5-FT WIDE EXCLUSIVE OF CURB.

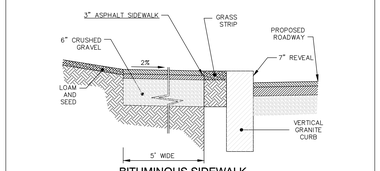
ACCESSIBLE RAMP

NOT TO SCALE



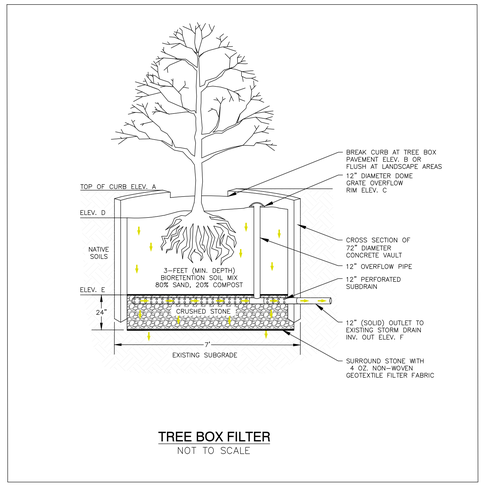
BAR GATE

NOT TO SCALE



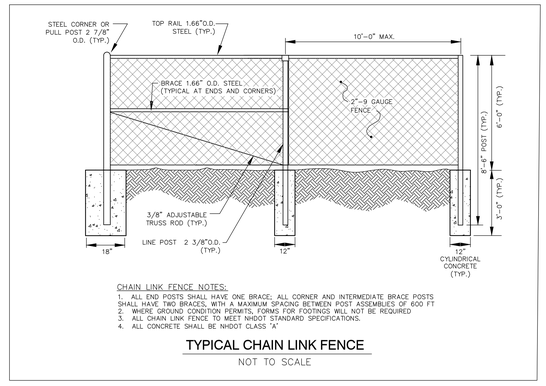
BITUMINOUS SIDEWALK WITH CURB SECTION

NOT TO SCALE



TREE BOX FILTER

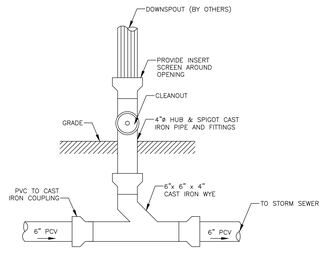
NOT TO SCALE



CHAIN LINK FENCE NOTES:
1. ALL END POSTS SHALL HAVE ONE BRACE; ALL CORNER AND INTERMEDIATE BRACE POSTS SHALL HAVE TWO BRACES, WITH A MAXIMUM SPACING BETWEEN POST ASSEMBLIES OF 600 FT
2. WHERE GROUND CONDITION PERMITS, FORMS FOR FOOTINGS WILL NOT BE REQUIRED
3. ALL CHAIN LINK FENCE TO MEET NHDOT STANDARD SPECIFICATIONS.
4. ALL CONCRETE SHALL BE NHDOT CLASS 'A'

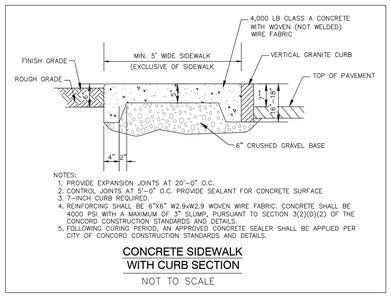
TYPICAL CHAIN LINK FENCE

NOT TO SCALE



STORM WATER BOOT AT DOWNSPOUT

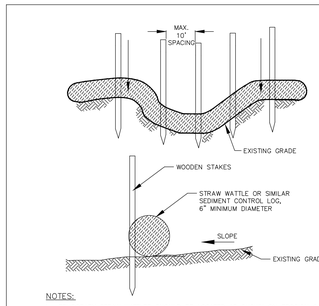
NOT TO SCALE



NOTES:
1. PROVIDE EXPANSION JOINTS AT 20'-0" O.C.
2. CONTROL JOINTS AT 5'-0" O.C. PROVIDE SEALANT FOR CONCRETE SURFACE
3. 7-INCH CURB REQUIRED.
4. REINFORCING SHALL BE 6"X6" W2.9xW2.9 WOVEN WIRE FABRIC. CONCRETE SHALL BE 4000 PSI WITH A MAXIMUM OF 3" SLUMP, PURSUANT TO SECTION 3(2)(D)(2) OF THE CONCORD CONSTRUCTION STANDARDS AND DETAILS.
5. FOLLOWING CURING PERIOD, AN APPROVED CONCRETE SEALER SHALL BE APPLIED PER CITY OF CONCORD CONSTRUCTION STANDARDS AND DETAILS.

CONCRETE SIDEWALK WITH CURB SECTION

NOT TO SCALE



NOTES:
1. TEMPORARY STRAW WATTLES SHOULD BE LOCATED AS SHOWN ON EROSION CONTROL PLANS AND ACROSS ANY DRAINAGE SWALE DOWNSTREAM FROM THE CONSTRUCTION AREA.

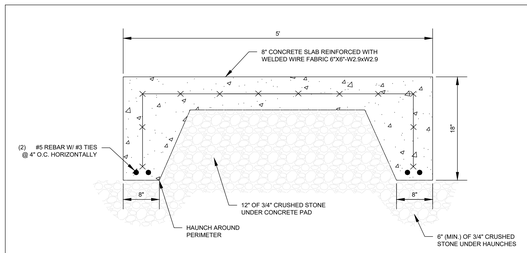
2. STAKE SHOULD BE INTERTWINED WITH THE OUTER MESH ONLY (ON THE DOWNSTREAM SIDE ONLY) AND PLACED A MINIMUM OF 610 MM (24") INTO GROUND.

3. PROVIDE PERIODIC REMOVAL OF ACCUMULATED DEBRIS AND SEDIMENTS DURING CONSTRUCTION AND PRIOR TO DISMANTLING.

4. STRAW WATTLES ARE TO USE AT NON-PAVEMENT AREA IF NEEDED.

TEMPORARY STRAW WATTLE

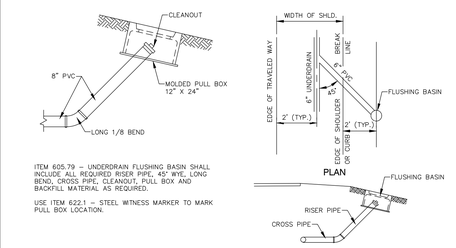
NOT TO SCALE



NOTES:
1. CONCRETE PAD SHALL BE CONSTRUCTED OF PORTLAND CEMENT CONCRETE (CLASS AA, 4,000 PSI @ 28 DAYS).
2. REINFORCING PER ASTM A-615, GRADE 60 DEFORMED BLACK BARS.

CONCRETE PAD DETAIL

NOT TO SCALE



ITEM 605.79 – UNDERDRAIN, FLUSHING BASIN SHALL INCLUDE ALL REQUIRED RISER PIPE, 45° WYE, LONG BEND, CROSS PIPE, CLEANOUT, PULL BOX AND BACKFILL MATERIAL AS REQUIRED.

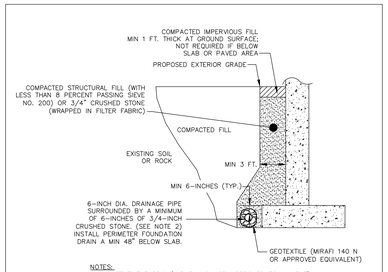
USE ITEM 622.1 – STEEL WITNESS MARKER TO MARK PULL BOX LOCATION.

TYPICAL DETAIL

TYPICAL LOCATION

UNDERDRAIN CLEANOUT DETAIL

NOT TO SCALE

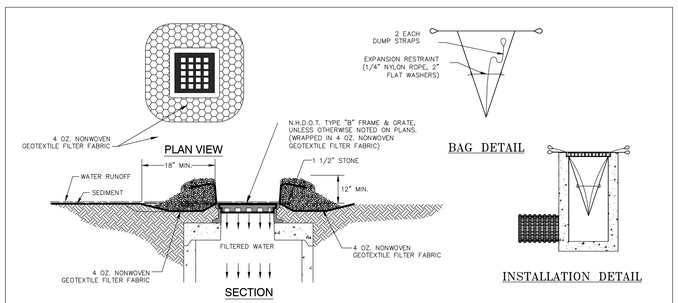


NOTES:
1. GEOTEXTILE FABRIC (MIRAFI 140N OR APPROVED EQUIVALENT) SHOULD BE PLACED BETWEEN THE 3/4 INCH CRUSHED STONE SOIL/ROCK.

2. DRAINAGE PIPE SHOULD BE FULLY PERFORATED, PVC (SCH. 40) OR DUAL WALL HDPE (ADS N-12 OR APPROVED EQUIVALENT).

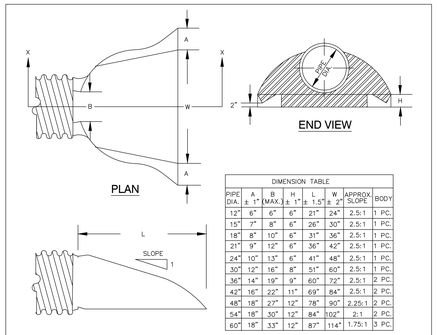
FOUNDATION AND UNDERSLAB DRAIN DETAIL

NOT TO SCALE



TEMPORARY CATCH BASIN INLET PROTECTION

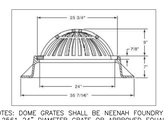
NOT TO SCALE



DIMENSION TABLE								
PIPE DIA.	A ± 1"	B (MAX.)	H ± 1"	L ± 1.5"	W ± 2"	APPROX. SLOPE	BODY
12"	6"	6"	6"	21"	24"	2.5:1	1 PC.
15"	7"	8"	6"	26"	30"	2.5:1	1 PC.
18"	8"	10"	6"	31"	36"	2.5:1	1 PC.
21"	9"	12"	6"	36"	42"	2.5:1	1 PC.
24"	10"	13"	6"	41"	48"	2.5:1	1 PC.
30"	12"	16"	8"	51"	60"	2.5:1	1 PC.
36"	14"	19"	9"	60"	72"	2.5:1	2 PC.
42"	16"	22"	11"	69"	84"	2.5:1	2 PC.
48"	18"	27"	12"	78"	90"	2.25:1	2 PC.
54"	18"	30"	12"	84"	102"	2:1	2 PC.
60"	18"	33"	12"	87"	114"	1.75:1	3 PC.

FLARED END SECTION (PE)

NOT TO SCALE



NOTES: DOME GRATES SHALL BE NEENAH FOUNDRY R-2561 24" DIAMETER GRATE OR APPROVED EQUAL

DOME BEEHIVE GRATE

NOT TO SCALE

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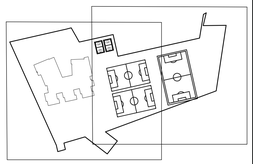
OWNER
CONCORD SCHOOL DISTRICT SAU 8
LIBERTY STREET
CONCORD, NH 03301

CIVIL PERMITTING DRAWINGS
12/17/2025 (NOT FOR CONSTRUCTION)

STATE OF NEW HAMPSHIRE
JOHN CHRIS NADEAU
No. 9294
LICENSED PROFESSIONAL ENGINEER

12/17/2025

KEYPLAN



REVISIONS NO.	DATE	REMARKS	BY

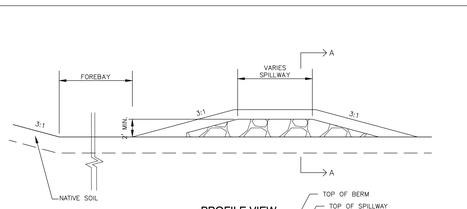
CONCORD MIDDLE SCHOOL
CONCORD, NEW HAMPSHIRE
CONSTRUCTION DETAILS

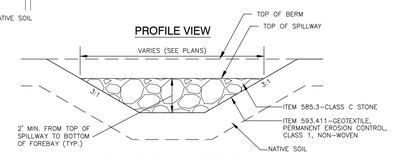
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DRAWING NUMBER
C-6.2

JOB NUMBER 100828.040

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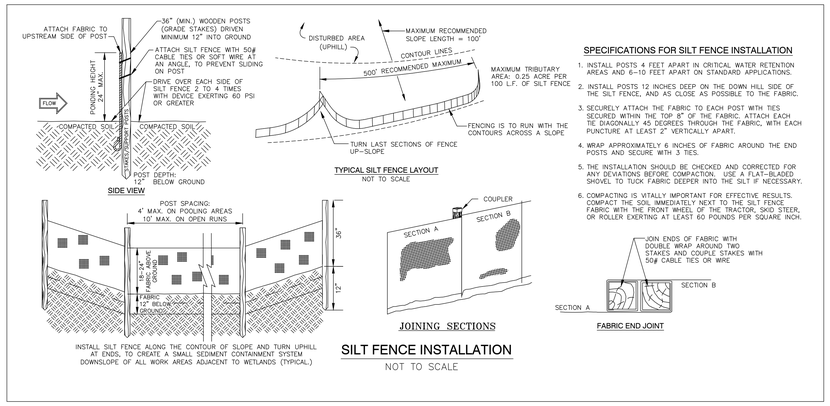




SPILLWAY CROSS SECTION
A-A

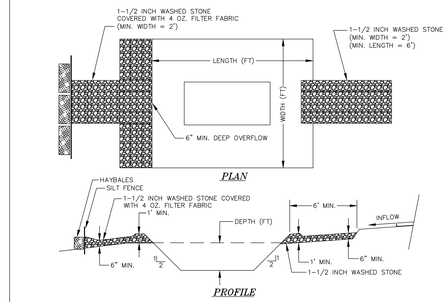
NOTES:
1. TEST NATIVE SOIL MATERIAL TO DETERMINE INFILTRATION RATE. PROVIDE RESULTS TO ENGINEER. AMEND NATIVE SOIL MATERIAL TO A MINIMUM DEPTH OF 24 INCHES BELOW BASE STONE BY ADDING MATERIAL MEETING GRADATION REQUIREMENTS AS SPECIFIED BY ENGINEER BASED ON INITIAL TEST RESULTS.RESULTANT INFILTRATION RATE SHALL BE NOT MORE THAN 8-10 INCHES/HOUR.
2. CONFIRMATORY INFILTRATION LAB TESTING IS REQUIRED IN ACCORDANCE WITH ENV-WQ 1504.14. RESULTS MUST BE PROVIDED TO NHDES WITHIN SEVEN DAYS OF TESTING.
3. A PE, CSS OR PG MUST CONFIRM THAT THERE IS AT LEAST 1 FOOT OF SEPARATION FROM THE BOTTOM OF THE AMENDED SOIL TO THE SEASONAL HIGH WATER TABLE AND WRITTEN CONFIRMATION OF THE REQUIRED SEPARATION TO THE SHWT MUST BE SUBMITTED TO DES PRIOR TO INSTALLATION OF AMENDED SOILS.

SEDIMENT FOREBAY DETAIL
NOT TO SCALE



SILT FENCE INSTALLATION
NOT TO SCALE

SPECIFICATIONS FOR SILT FENCE INSTALLATION
1. INSTALL POSTS 4 FEET APART IN CRITICAL WATER RETENTION AREAS AND 6-10 FEET APART ON STANDARD APPLICATIONS.
2. INSTALL POSTS 12 INCHES DEEP ON THE DOWN HILL SIDE OF THE SILT FENCE, AND AS CLOSE AS POSSIBLE TO THE FABRIC.
3. SECURELY ATTACH THE FABRIC TO EACH POST WITH TIES SECURED WITHIN THE TOP 8" OF THE FABRIC. ATTACH EACH TIE DIAGONALLY 45 DEGREES THROUGH THE FABRIC, WITH EACH PUNCTURE AT LEAST 2" VERTICALLY APART.
4. WRAP APPROXIMATELY 6 INCHES OF FABRIC AROUND THE END POSTS AND SECURE WITH 3 TIES.
5. THE INSTALLATION SHOULD BE CHECKED AND CORRECTED FOR ANY DEVIATIONS BEFORE COMPACTION. USE A FLAT-BLADED SHOVEL TO TUCK FABRIC DEEPER INTO THE SILT IF NECESSARY.
6. COMPACTING IS VITALLY IMPORTANT FOR EFFECTIVE RESULTS. COMPACT THE SOIL IMMEDIATELY NEXT TO THE SILT FENCE FABRIC WITH THE FRONT WHEEL OF THE TRACTOR, SKID STEER, OR ROLLER EXERTING AT LEAST 60 POUNDS PER SQUARE INCH.



SIZE	PUMP RATE 30 GPM	50 GPM	75 GPM	100 GPM
LENGTH (FT)	14	16	22	30
WIDTH (FT)	8	9	11	15
DEPTH (FT)	3	4	5	6

NOTES:
1. BASIN DIMENSIONS AND LOCATIONS TO BE ESTABLISHED IN THE FIELD BASED UPON SITE CONDITIONS.
2. SEDIMENT SHALL BE REMOVED REGULARLY TO ENSURE ADEQUATE SEDIMENT BASIN CAPACITY.
3. CONTRACTOR SHALL OBSERVE THE EFFECTIVENESS OF THE BASIN DAILY OR DURING USE, AND MAKE MODIFICATIONS TO CORRECT ANY DEFICIENCIES.

TEMPORARY SEDIMENTATION/DEWATERING BASIN
NOT TO SCALE

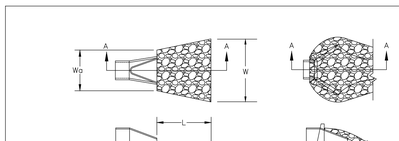
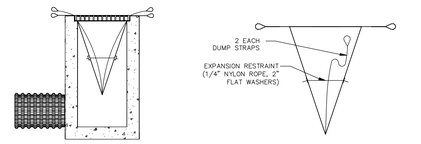
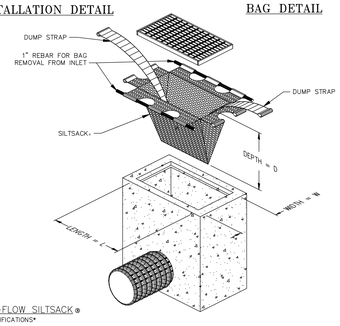


TABLE 7-24--RECOMMENDED RIPRAP GRADATION RANGES		
THICKNESS OF RIPRAP = (2.25x50) FEET (6"min)		
d50 SIZE= X FEET X INCHES		
% OF WEIGHT SMALLER THAN THE GIVEN d50 SIZE	SIZE OF STONE (INCHES) FROM	TO
100%	(1.5x50)	(2.0x50)
85%	(1.3x50)	(1.8x50)
50%	(1.0x50)	(1.5x50)
15%	(0.3x50)	(0.5x50)

NOTES:
1. THE SUBGRADE FOR THE GEOTEXTILE FABRIC AND RIPRAP SHALL BE PREPARED TO THE LINES AND GRADES SHOWN ON THE PLANS.
2. THE RIPRAP SHALL CONFORM TO THE SPECIFIED GRADATION.
3. GEOTEXTILE FABRICS SHALL BE PROTECTED FROM PUNCTURE OR TEARING DURING THE PLACEMENT OF THE ROCK RIPRAP. DAMAGED AREAS IN THE FABRIC SHALL BE REPAIRED BY PLACING A PIECE OF FABRIC OVER THE DAMAGED AREA OR BY COMPLETE REPLACEMENT OF THE FABRIC. ALL OVERLAPS REQUIRED FOR REPAIRS OR JOINING TWO PIECES OF FABRIC SHALL BE A MINIMUM OF 12 INCHES.
4. STONE FOR THE RIPRAP MAY BE PLACED BY EQUIPMENT AND SHALL BE CONSTRUCTED TO THE FULL LAYER THICKNESS IN ONE OPERATION AND IN SUCH A MANNER AS TO PREVENT SEGREGATION OF THE STONE SIZES.
5. OUTLETS TO A DEFINED CHANNEL SHALL HAVE 2:1 OR FLATTER SIDE SLOPES AND SHOULD BEGIN AT THE TOP OF THE CULVERT AND TAPER DOWN TO THE CHANNEL BOTTOM THROUGH THE LENGTH OF THE APRON.
6. MAINTENANCE: THE OUTLET PROTECTION SHOULD BE CHECKED AT LEAST ANNUALLY AND AFTER EVERY MAJOR STORM. IF THE RIPRAP HAS BEEN DISPLACED, UNDERMINED OR DAMAGED, IT SHOULD BE REPAIRED IMMEDIATELY. THE CHANNEL IMMEDIATELY BELOW THE OUTLET SHOULD BE CHECKED TO SEE THAT EROSION IS NOT OCCURRING. THE DOWNSTREAM CHANNEL SHOULD BE KEPT CLEAR OF OBSTRUCTIONS SUCH AS FALLEN TREES, DEBRIS, AND SEDIMENT THAT COULD CHANGE FLOW PATTERNS AND/OR TAILWATER DEPTHS ON THE PIPES. REPAIRS MUST BE CARRIED OUT IMMEDIATELY TO AVOID ADDITIONAL DAMAGE TO OUTLET PROTECTION.
7. RIP RAP SHOULD BE FILLED WITH FINER MATERIAL (I.E., NATIVE WETLAND MATERIAL, NATIVE WETLAND SEED MIX, OR GRAVEL IN BETWEEN RIP RAP) TO CREATE A RELATIVELY SMOOTH SURFACE FOR WILDLIFE TRAVERSE.

RIP RAP OUTLET PROTECTION APRON
NOT TO SCALE



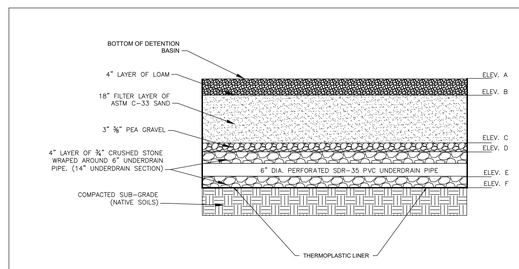


HI-FLOW SILTSACK®
SPECIFICATIONS*

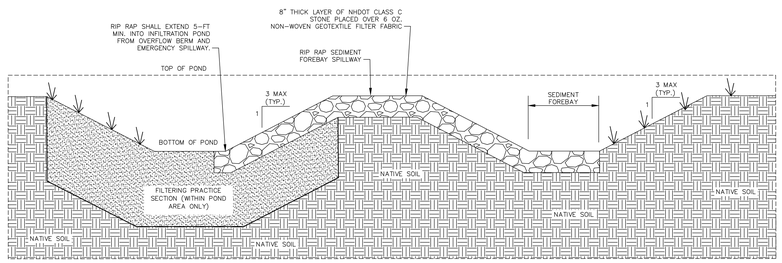
PROPERTIES	TEST METHOD	UNITS
GRAB TENSILE STRENGTH	ASTM D-4632	265 LBS
GRAB TENSILE ELONGATION	ASTM D-4632	20 %
PUNCTURE	ASTM D-4833	135 LBS
MULLEN BURST	ASTM D-3786	420 PSI
TRAPEZOID TEAR	ASTM D-4533	45 LBS
UV RESISTANCE	ASTM D-4355	90 %
APPARENT OPENING SIZE	ASTM D-4751	20 US SIEVE
FLOW RATE	ASTM D-4491	200 GAL/MIN/SQ FT
PERMITTIVITY	ASTM D-4491	1.5 SEC -1

*NOTE: HIGH-FLOW SILTSACK TO BE INSTALLED ONLY AFTER PAVEMENT IS INSTALLED. PRIOR TO PAVING, COVER INLET WITH AN IMPERMEABLE WATER TIGHT BARRIER TO KEEP STORMWATER AND SEDIMENT FROM ENTERING BASIN.

HI-FLOW SILTSACK DETAIL
NOT TO SCALE

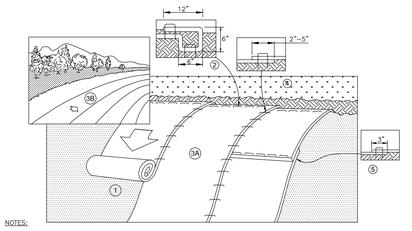


FILTERING PRACTICE SECTION
NOT TO SCALE



NOTES:
1. BOTTOM AND SIDE SLOPES SHALL BE STABILIZED WITH 85% VEGETATION PRIOR TO DIRECTING STORMWATER INTO PONDS.
2. EROSION CONTROL BLANKET SHALL BE INSTALLED ON VEGETATED SLOPES.
3. INSTALL 4" LOAM AND SEED ON VEGETATED SLOPES.

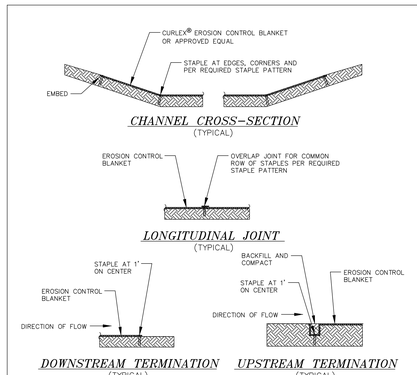
BIORETENTION FILTERING POND DETAIL
NOT TO SCALE



NOTES:
1. PREPARE SOIL BEFORE INSTALLING BLANKETS, INCLUDING ANY NECESSARY APPLICATION OF LIME, FERTILIZER, AND SEED. NOTE: WHEN USING CELL-O-SEED DO NOT SEED PREPARED AREA. CELL-O-SEED MUST BE INSTALLED WITH PAPER SIDE DOWN.
2. BEGIN AT THE TOP OF THE SLOPE BY ANCHORING THE BLANKET IN A 6" DEEP BY 6" WIDE TRENCH WITH APPROXIMATELY 12" OF BLANKET EXTENDED BEYOND THE UP-SLOPE PORTION OF THE TRENCH. ANCHOR THE BLANKET WITH A ROW OF STAPLES/STAKES APPROXIMATELY 12" APART IN THE BOTTOM OF THE TRENCH. BACKFILL AND COMPACT THE TRENCH AFTER STAPLING. APPLY SEED TO COMPACTED SOIL AND FOLD REMAINING 12" PORTION OF BLANKET BACK OVER SEED AND COMPACTED SOIL. SECURE BLANKET OVER COMPACTED SOIL WITH A ROW OF STAPLES/STAKES SPACED APPROXIMATELY 12" APART ACROSS THE WIDTH OF THE BLANKET.
3. ROLL THE BLANKETS (A) DOWN OR (B) HORIZONTALLY ACROSS THE SLOPE. BLANKETS WILL UNROLL WITH APPROPRIATE SIDE AGAINST THE SOIL SURFACE. ALL BLANKETS MUST BE SECURELY FASTENED TO SOIL SURFACE BY PLACING STAPLES/STAKES IN APPROPRIATE LOCATIONS AS SHOWN IN THE STAPLE PATTERN GUIDE. WHEN USING OPTIONAL DOT SYSTEM™ STAPLES/STAKES SHOULD BE PLACED THROUGH EACH OF THE COLORED DOTS CORRESPONDING TO THE APPROPRIATE STAPLE PATTERN.
4. THE EDGES OF PARALLEL BLANKETS MUST BE STAPLED WITH APPROXIMATELY 2"-5" OVERLAP DEPENDING ON BLANKET TYPE. TO ENSURE PROPER SEAM ALIGNMENT, PLACE THE EDGE OF THE OVERLAPPING BLANKET (BLANKET BEING INSTALLED ON TOP) EVEN WITH THE COLORED SEAM STITCH ON THE PREVIOUSLY INSTALLED BLANKET.
5. CONSECUTIVE BLANKETS SPLICED DOWN THE SLOPE MUST BE PLACED END OVER END (SHINGLE STYLE) WITH AN APPROXIMATE 3" OVERLAP. STAPLE THROUGH OVERLAPPED AREA, APPROXIMATELY 12" APART ACROSS ENTIRE BLANKET WIDTH. NOTE: IN LOOSE SOIL CONDITIONS, THE USE OF STAPLE OR STAKE LENGTHS GREATER THAN 6" MAY BE NECESSARY TO PROPERLY SECURE THE BLANKETS.

NORTH AMERICAN GREEN
14649 HIGHWAY 41 NORTH
EVANSVILLE, INDIANA 47725
1-800-772-2040

EROSION CONTROL BLANKET SLOPE INSTALLATION (NORTH AMERICAN GREEN)
NOT TO SCALE



EROSION CONTROL MATTING
NOT TO SCALE

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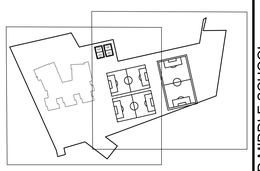
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CIVIL PERMITTING DRAWINGS
12/17/2025 (NOT FOR CONSTRUCTION)

STATE OF NEW HAMPSHIRE
JON CHRIS NADEAU No. 9294 LICENSED PROFESSIONAL ENGINEER

KEYPLAN



12/17/2025

CONCORD MIDDLE SCHOOL
CONCORD, NEW HAMPSHIRE
CONSTRUCTION DETAILS

DRAWN BY: JR & KLR CHECKED BY: JCN

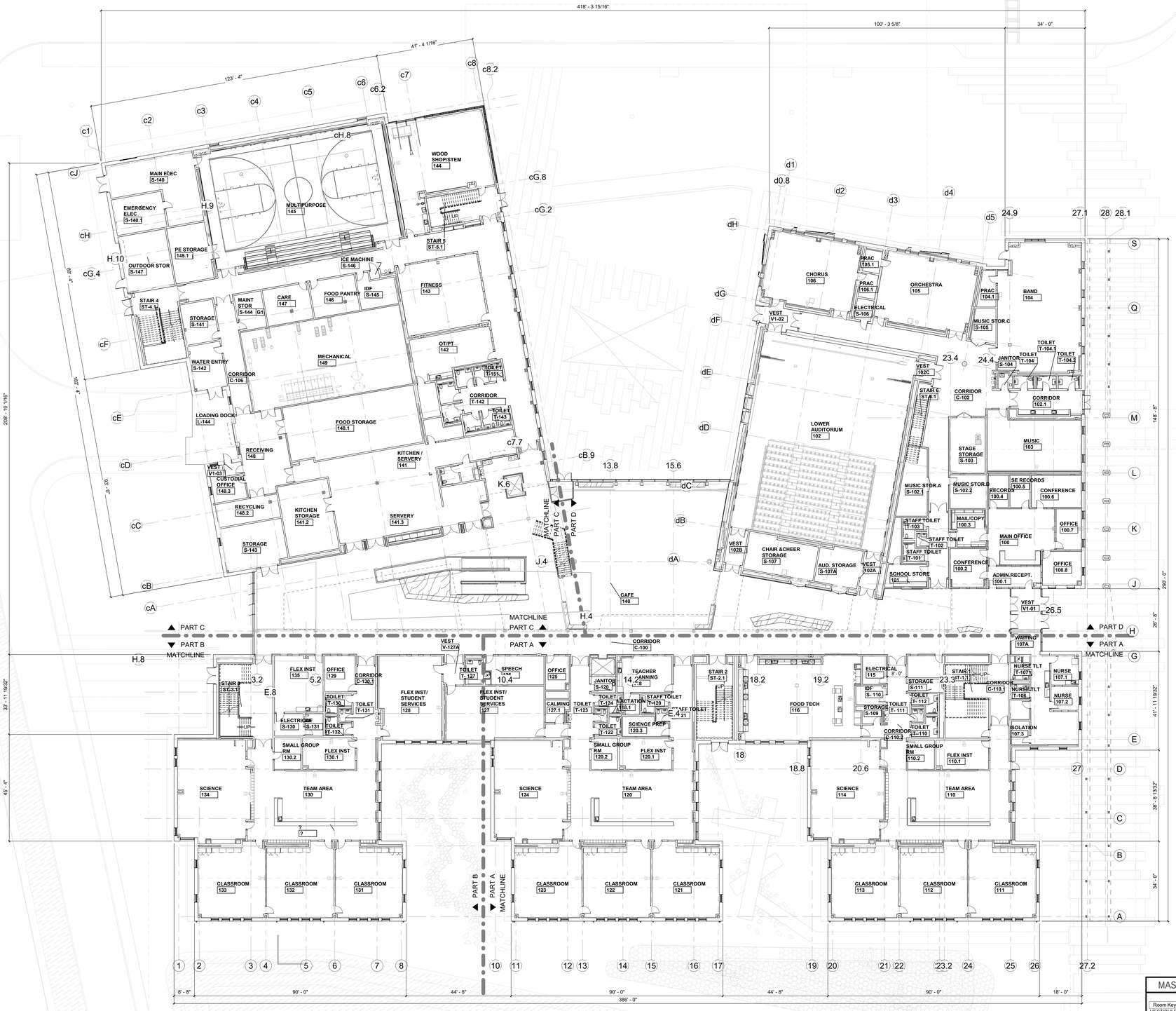
REVISIONS NO.	DATE	REMARKS	BY

DRAWING NUMBER
C-6.3

JOB NUMBER 100628.040

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1.0 FIRST FLOOR PLAN OVERALL PLAN (1)
1/16" = 1'-0"

GENERAL NOTES - FLOOR PLAN

1. FLOOR PLAN GENERAL NOTES, FLOOR PLAN LEGEND & ABBREVIATIONS APPLY TO THE A2 SERIES SHEETS.
2. REFER TO INTERIOR ELEVATIONS AND ROOM FINISH SCHEDULE FOR ADDITIONAL INFORMATION ON WALL FINISH MATERIALS AND TYPICAL MOUNTING HEIGHTS.
3. REFER TO DOOR AND BORROWED LIGHT SCHEDULE AND DETAILS FOR MATERIALS/ CONSTRUCTION OVER HEADS OF FLOOR TO CEILING FRAMES.
4. REFER TO REFLECTED CEILING PLANS FOR CEILING FINISH MATERIALS.
5. INTERIOR DIMENSIONS SHOWN ARE INDICATED TO FINISH WALL (MASONRY OR GYPSUM BOARD) MATERIALS UNLESS NOTED OTHERWISE.
6. EXTERIOR MASONRY DIMENSIONS ARE SHOWN TO CENTERLINE OF JOINTS.
7. TYPICAL LOCATION OF A DOOR FRAME FROM AN INSIDE CORNER IS TO BE 4" FROM FINISH WALL TO OUTSIDE EDGE OF DOOR FRAME (UNO). REFER TO ARCHITECT IF THERE IS ANY CONDITION THAT IS NOT CLEAR
8. EXTERIOR FENESTRATION MASONRY OPENINGS (MO) / ROUGH OPENING (RO) DIMENSIONS SHOWN ARE NOMINAL. REFER TO ASSOCIATED FENESTRATION SCHEDULE FOR ACTUAL OPENING DIMENSIONS REQUIRED (AO).
9. MEPFP ELEMENTS SHOWN ARE SCHEMATIC AND ARE PROVIDED FOR REFERENCE ONLY. REFER TO ASSOCIATED MEPFP DRAWINGS AND SPECIFICATIONS FOR MORE INFORMATION.
10. ROUGH CARPENTRY 061000 TO PROVIDE 3/4" FIRE RESISTANT PLYWOOD FLOOR TO CEILING AROUND ENTIRE ROOM IN ROOMS WHERE INDICATED ON FLOOR PLANS. PLYWOOD TO BE PAINTED WITH TWO COATS ON BOTH SIDES AND EDGES.

LEGEND- FLOOR PLAN
(SEE SHEET A0.1 FOR ADDITIONAL SYMBOL DESIGNATIONS)

- EXISTING WALL OR PARTITION TO REMAIN
- NEW WALL OR PARTITION
- MASONRY WALL OR INFILL (SEE PARTITION TYPES & DETAILS FOR MORE INFORMATION) — CMU / BRICK
- INTERIOR PARTITION TYPES TAG (SEE DRAWING A8.1) - IF AN INTERIOR PARTITION IS NOT LABELED/TAGGED OR OTHERWISE IDENTIFIED BY PLAN DETAIL OR DOOR FRAME DEPTH, ASSUME IT IS PARTITION TYPE 2A — 0HR / 1HR / 2HR
- ACCOUSTIC INSULATION MAY BE ELIMINATED AT PARTITION INDICATED WITH AN ASTERISK
- DOOR NUMBER TAG (SEE SCHEDULE A9 SERIES DRAWINGS) — 1.1.5
- INTERIOR BORROWED LIGHT TAG (SEE SCHEDULE A9 SERIES DRAWINGS) — 1.X.5
- OVERHEAD DOOR, COUNTER OR GRILL — OHD1
- TRANSACTION WINDOW — TW01
- FOLDING DOOR — FD01
- FOLDING GRILLE — FG01
- MILLWORK TAG (SEE SCHEDULE A2.1a) — M-01
- ROOM NAME — Room name A101 A1
- BUILDING PART LOCATOR (SEE KEYPLAN)
- ROOM NUMBER
- ROOM FINISH TYPE (SEE ROOM FINISH SCHEDULE)
- FOOT-GRILLE OR WALK-OFF MAT — EM-#
- MECHANICAL, PLUMBING & FIRE PROTECTION ELEMENTS (SEE GENERAL NOTE #8)

KEYNOTE LIST

033000	CAST-IN-PLACE CONCRETE
033650	CONCRETE FINISHES
042000	UNIT MASONRY
064020	INTERIOR ARCHITECTURAL WOODWORK
066400	FRP PANELING
079500	EXPANSION CONTROL
093000	TILING
096400	STAGE WOOD FLOORING
096410	WOOD STRIP FLOORING
096466	WOOD ATHLETIC FLOORING
096500	RESILIENT FLOORING
096566	RESILIENT ATHLETIC FLOORING
096600	TERRAZZO FLOORING
096625	PRECAST TERRAZZO
096700	RESINOUS FLOORING
096820	CARPETING
098400	ACOUSTIC ROOM COMPONENTS
099000	PAINTING AND COATING
101100	VISUAL DISPLAY SURFACES
102800	TOILET ACCESSORIES
104100	AED CABINET
104400	FIRE PROTECTION SPECIALTIES
115210	PROJECTION SCREENS
115213	PROJECTION SCREENS - PERFORMANCE SPACES
123000	MANUFACTURED CASEWORK
124810	ENTRANCE FLOOR MATS AND FRAMES
210000	Division 21 - Fire Suppression
220000	Division 22 - Plumbing
230000	Division 23 - Heating Ventilating and Air Conditioning
260000	Division 26 - Electrical

ABBREVIATIONS-FLOOR PLAN
(SEE SHEET A0.1 FOR ADDITIONAL ABBREVIATION DESIGNATIONS)

AED	= DIFIBRILLATOR- RECESSED CABINET		104100
BK	= BOOK SHELF UNIT	064020	123000
CONC-P=	RAISED CONCRETE PAD		033000
CUH	= CABINET UNIT HEATER		230000
DD	= DISPLACEMENT DIFFUSER		230000
DF	= DRINKING FOUNTAIN		220000
EJ	= EXPANSION JOINT		079500
EJC	= EXPANSION JOINT COVER		079500
EM-1	= ENTRY MAT - ZONE 1		124810
EM-2	= ENTRY MAT - ZONE 2		124810
EM-3	= ENTRY MAT - ZONE 3		124810
EVAC	= EMERGENCY VOICE EVACUATION PANEL		260000
EWC	= ELECTRIC WATER COOLER		220000
FAA	= FIRE ALARM ANNUNCIATOR PANEL		260000
FACP	= FIRE ALARM CONTROL PANEL		260000
FD	= FLOOR DRAIN		220000
FDVC	= FIRE DEPARTMENT VALVE CABINET		210000
FE-B	= FIRE EXTINGUISHER- BRACKET MTD		104400
FE-BKT	= FIRE EXTNGSHR/BLANKET AND RECESSED CABINET		104400
FE-R	= FIRE EXTINGUISHER AND RECESSED CABINET		104400
FTR	= FIN TUBE RADIATION		230000
HC	= HANDICAPPED ACCESSIBLE		
MB	= MARKER BOARD		101100
MB-C	= MARKER BOARD-CUSTOM FRAME	064020	101100
MB-FL	= FRAMELESS MARKER BOARD		101100
PS-S	= PROJECTION SCREEN-SURFACE MTD	115210	115213
PTD-S	= PAPER TOWEL DISPENSER-SURFACE MTD		102800
SD-S	= SOAP DISPENSER		102800
TB	= TACK BOARD		101100
TB-C	= TACK BOARD-CUSTOM FRAME	064020	101100
TB-FL	= FRAMELESS TACK BOARD		101100
GS	= GENERAL STORAGE UNIT		123000
TW	= TEACHER'S WARDROBE UNIT		123000

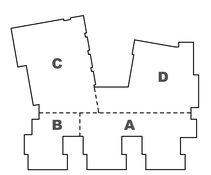
ABBREVIATIONS - ROOM FINISH SCHEDULE
(SEE SHEET A0.1 FOR ADDITIONAL ABBREVIATION DESIGNATIONS)

AFC-1	= ARCH. FINISHED CONCRETE TYPE 1		033650
AMWP	= ACOUSTIC METAL WALL PANELS		098400
AWP	= ACOUSTIC WOOD PANEL		098400
AFC-2	= ARCH. FINISHED CONCRETE TYPE 2		033650
BRK	= BRICK		042000
CRPT	= CARPET		096820
CT	= CERAMIC TILE		093000
CT-CB	= CERAMIC TILE - COVE BASE		093000
DCMU	= DECORATIVE CONCRETE MASONRY UNIT		042000
ETR	= EXISTING FINISH TO REMAIN-UNFINISHED		
EXP-C	= EXPOSED CONCRETE HARDENER		099000
EXP-U	= EXPOSED - UNPAINTED		
EM-1	= ENTRY MAT - ZONE 1		124810
EM-2	= ENTRY MAT - ZONE 2		124810
EM-3	= ENTRY MAT - ZONE 3		124810
FRP	= FIBERGLASS REINFORCED PLASTIC PANELING		066400
IFT	= INTERLOCKING RUBBER FLOOR TILE		095400
LFPT	= LARGE FORMAT PORCELAIN TILE		093000
PCT	= PORCELAIN TILE		093000
PCT-CB	= PORCELAIN TILE - COVE BASE		093000
PCT-B	= PORCELAIN TILE - STRAIGHT BASE		093000
PET	= PRECAST EPOXY TILE		096625
PNT	= PAINT		099000
PNT-HP	= PAINT - HIGH PERFORMANCE		099000
QT	= QUARRY TILE		093000
QT-CB	= QUARRY TILE - COVE BASE		093000
RAF-1	= RESILIENT ATHLETIC FLOORING TYPE 1		096566
RAF-2	= RESILIENT ATHLETIC FLOORING TYPE 2		096566
RBRF	= RUBBER FLOORING		096500
RF	= RESILIENT FLOORING		096500
RF-S	= RESILIENT FLOORING - SHEET		096500
RB	= RESILIENT BASE		096500
RSF	= RESINOUS FLOORING SYSTEM		096700
SWF	= STAGE WOOD FLOORING - PAINTED	096400	099000
TERR	= TERRAZZO FLOORING		096600
VCB	= VENTILATING COVE BASE	096400	096466
WAF	= WOOD ATHLETIC FLOORING		096466
WD	= WOOD PANELING & TRIM		064020
WD-P	= PHENOLIC WOOD PANELING & TRIM		064020
WDB	= WOOD BASE		096410
WDFLR	= WOOD STRIP FLOORING		096410

MASTER ROOM FINISH SCHEDULE

Room Key	BASE	FLOOR	NORTH	SOUTH	EAST	WEST	REMARKS
VESTIBULES / CORRIDORS / LOBBIES							
A1	RB	POL CONC	AMWP/PNT/LFPT	AMWP/PNT/LFPT	AMWP/PNT/LFPT	AMWP/PNT/LFPT	MAIN ST 1ST FLOOR
A2	PCT-CB	EM/PCT	LFPT/PNT	LFTP/PNT	LFPT/PNT	LFPT/PNT	VESTIBULES
A3	RB	POL CONC	CT/PNT	CT/PNT	CT/PNT	CT/PNT	ATHLETIC CORR
A4	RB	RF	CT/PNT	CT/PNT	CT/PNT	CT/PNT	ACAD CORR
A5	RB	EXP-C	FRP/PNT	FRP/PNT	FRP/PNT	FRP/PNT	SERVICE AREA
A6	RB	RF	AMWP/PNT	AMWP/PNT	AMWP/PNT	AMWP/PNT	MAIN ST 2ND FLOOR
A7	RB	RF	PNT	PNT	PNT	PNT	TEAM POD CORR.
ASSEMBLY SPACES							
B1	RB	POL CONC	AMWP/PNT/LFPT	AMWP/PNT/LFPT	AMWP/PNT/LFPT	AMWP/PNT/LFPT	CAFETERIA
B2	VCB	WAF	PNT	PNT	PNT	PNT	MAIN GYM
B3	RB	RAF	PNT	PNT	PNT	PNT	MULTI P/FITNESS
B4	RB	SWF	AMWP/PNT	AMWP/PNT	AMWP/PNT	AMWP/PNT	AUDITORIUM
B5	RB	CRPT	AMWP/PNT	AMWP/PNT	AMWP/PNT	AMWP/PNT	AUD. BALCONY
CLASSROOMS							
C1	RB	RF	PNT	PNT	PNT	PNT	TYP CR
C2	RB	CRPT	PNT	PNT	PNT	PNT	MEDIA
C3	RB	POL CONC	PNT	PNT	PNT	PNT	WOODSHOP
OFFICES							
D1	RB	RF	PNT	PNT	PNT	PNT	
D2	RB	CRPT	PNT	PNT	PNT	PNT	
STAIRS							
E1	RB	RF/RBRF	CT/PNT	CT/PNT	CT/PNT	CT/PNT	
E2	RB	RF/RBRF	PNT	PNT	PNT	PNT	
E3	RB	EXP-C	PNT	PNT	PNT	PNT	
TOILET ROOMS / LOCKER ROOMS							
F1	CT-CB	CT	CT/PNT-HP	CT/PNT-HP	CT/PNT-HP	CT/PNT-HP	
F2	CT-CB	CT	PNT-HP	PNT-HP	PNT-HP	PNT-HP	
SERVICE ROOMS / STORAGE / KITCHEN							
G1	RB	EXP-C	PNT	PNT	PNT	PNT	
G2	RB	RF	PNT	PNT	PNT	PNT	
G3	CT-CB	CT	FRP	FRP	FRP	FRP	
G4	CT-CB	CT	LFPT/PNT	LFTP/PNT	LFPT/PNT	LFPT/PNT	

KEYPLAN



REVISIONS NO.	DATE	REMARKS	BY

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Civil Permitting Drawings
12/16/25 (Not For Construction)

CSD-MS
Concord, NH
First Floor Plan - Overall & Finish Key

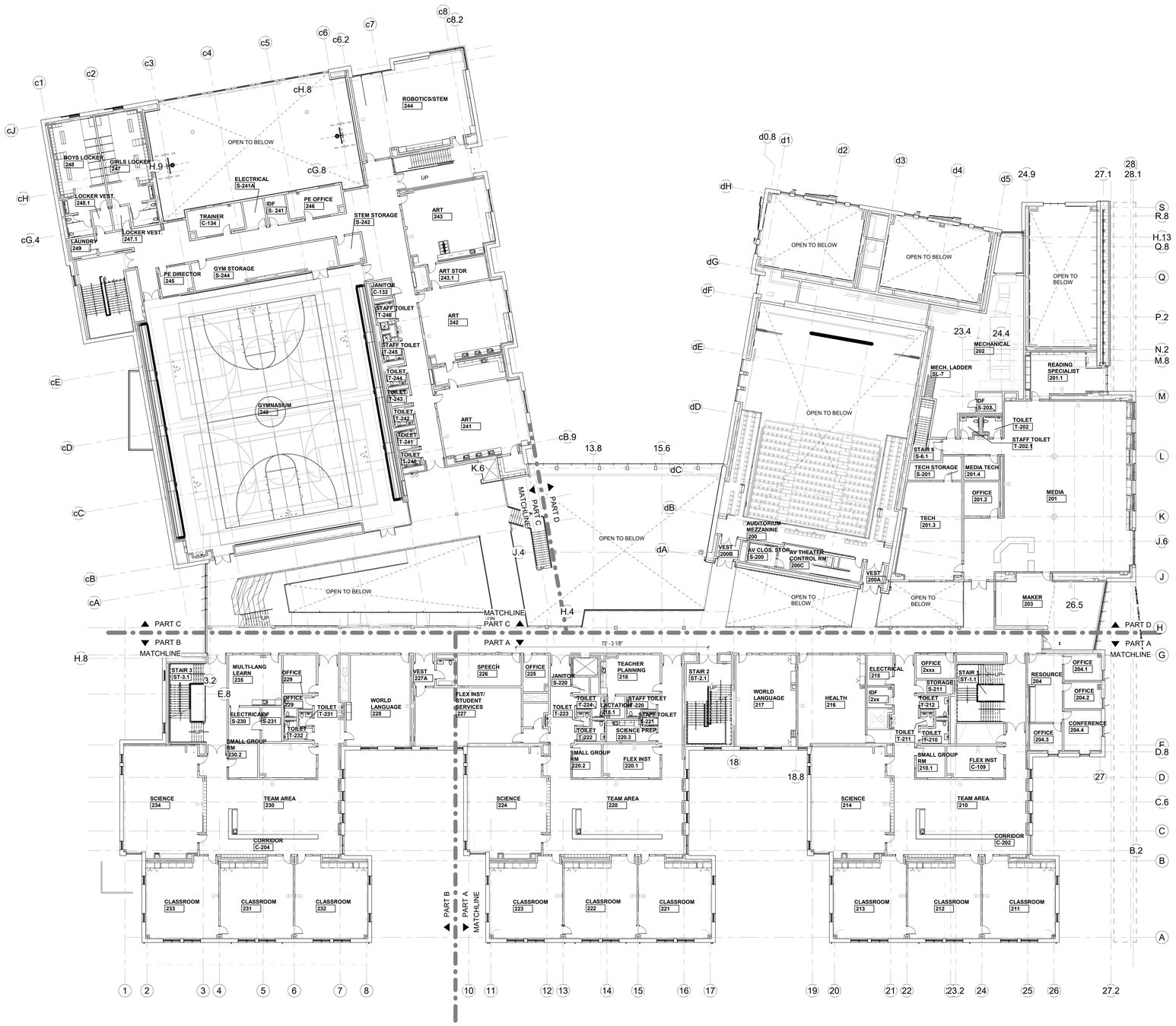
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A 2.1

JOB NUMBER 468723

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GENERAL NOTES - FLOOR PLAN

1. REFER TO A2.1 FOR FLOOR PLAN GENERAL NOTES AND MATERIAL LEGEND

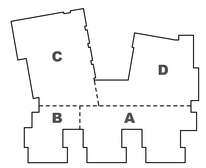
KEYNOTE LIST

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Civil Permitting Drawings
12/16/25 (Not For Construction)

KEYPLAN



REVISIONS NO.	DATE	REMARKS	BY

CSD-MS
Concord, NH
Second Floor Plan - Overall

SCALE: 1/16" = 1'-0" DRAWN BY: ACI HKI MCI GL CHECKED BY: HM

DRAWING NUMBER
A 2.2

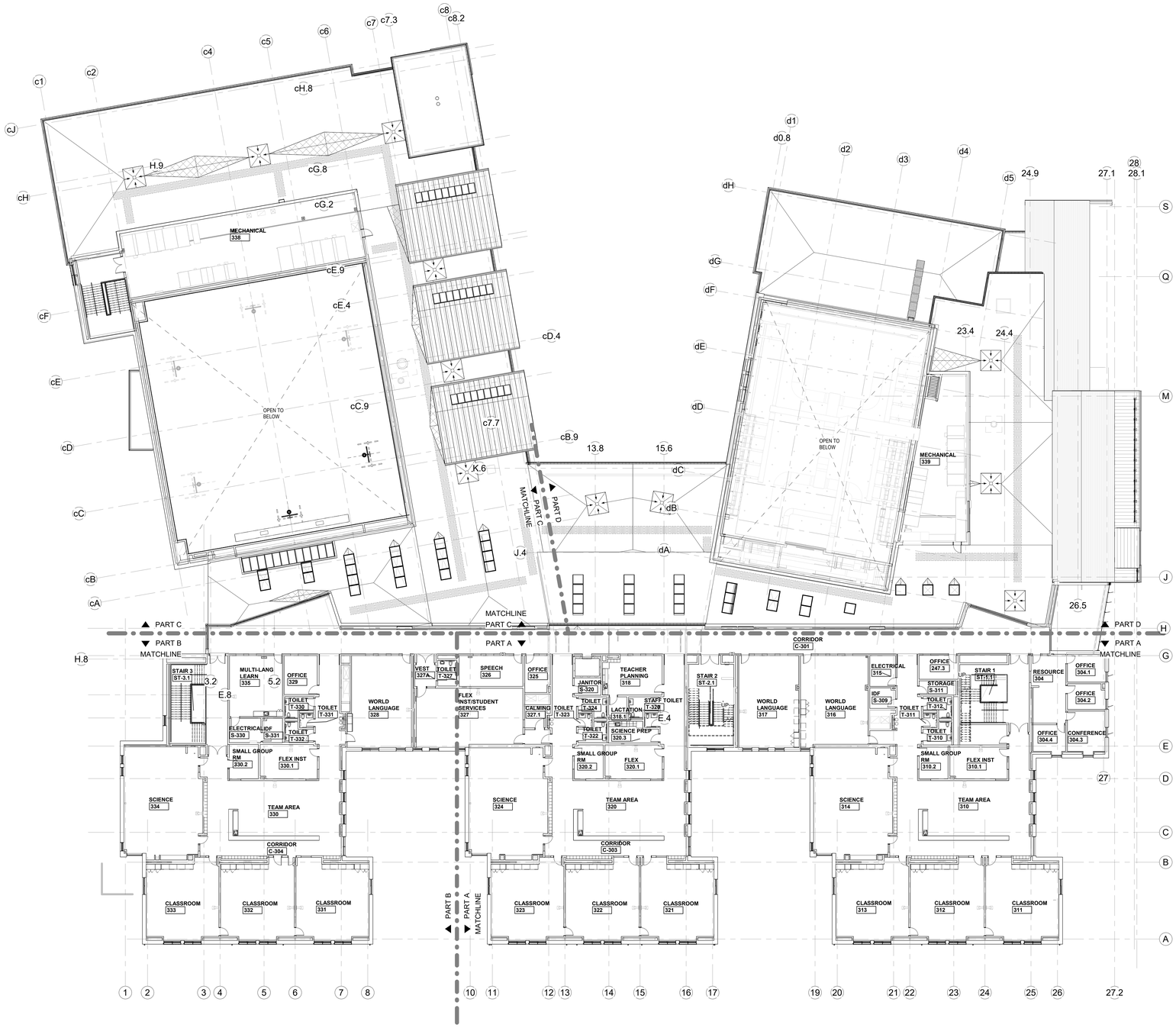
JOB NUMBER 468723

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GENERAL NOTES - FLOOR PLAN

1. REFER TO A2.1 FOR FLOOR PLAN GENERAL NOTES AND MATERIAL LEGEND

KEYNOTE LIST

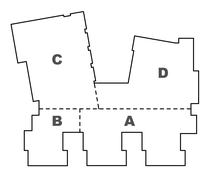


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CHRISTINA STAVOLAGRI BEDNAR 17145 REGISTERED ARCHITECT STATE OF NEW HAMPSHIRE

Civil Permitting Drawings
12/16/25 (Not For Construction)

KEYPLAN



CSD-MS
Concord, NH
Third Floor Plan - Overall

SCALE: 1/16" = 1'-0" DRAWN BY: AC/ HR/ MG/ SL CHECKED BY: HM

REVISIONS NO	DATE	REMARKS	BY

DRAWING NUMBER
A 2.3
JOB NUMBER 466723

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Civil Permitting Drawings
12/16/25 (Not For Construction)

CSO-MS
Exterior Rendering

A
4.0.0