

TENNIS COURTS RECONSTRUCTION AT WOLLASTON RECREATIONAL FACILITY

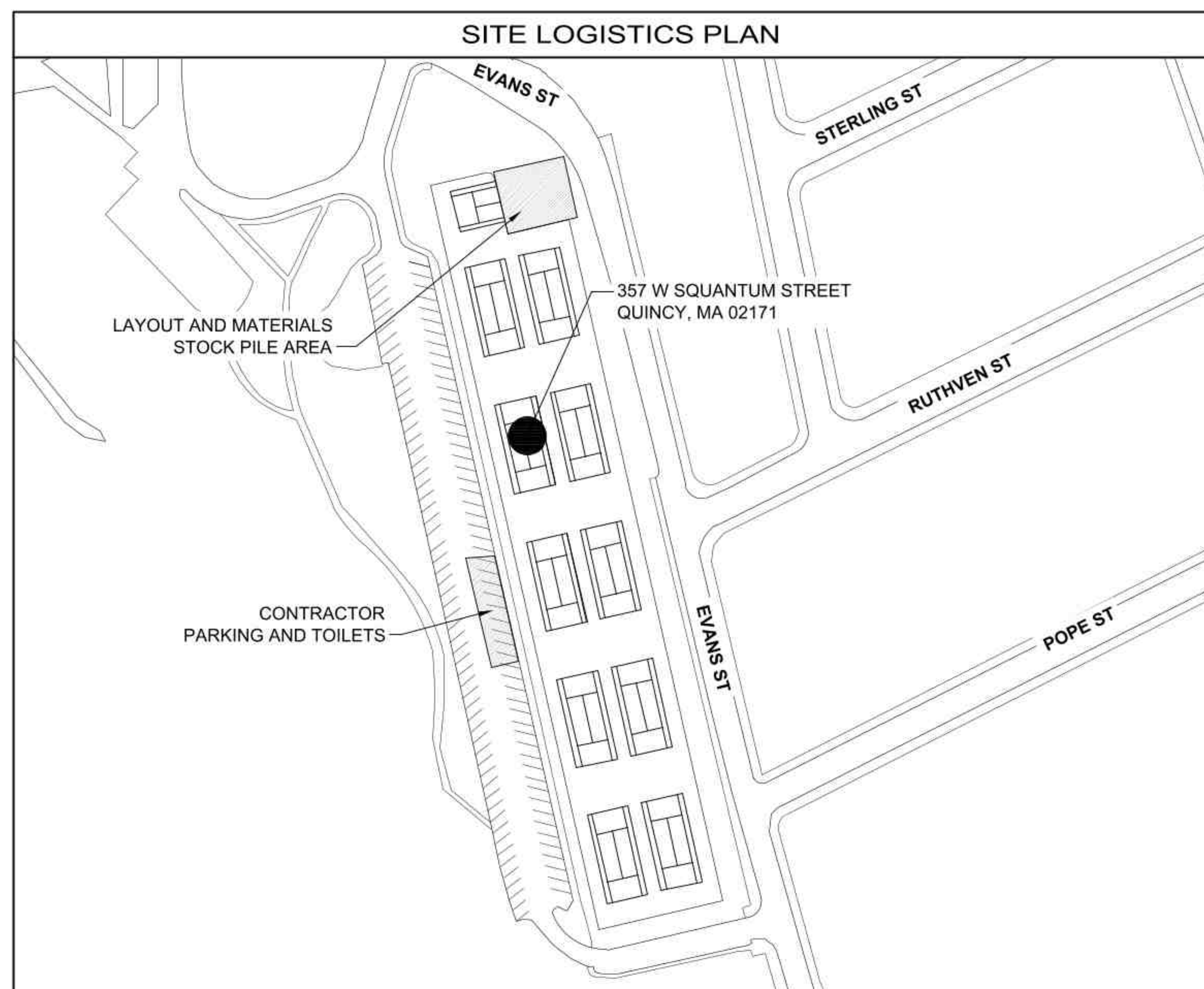
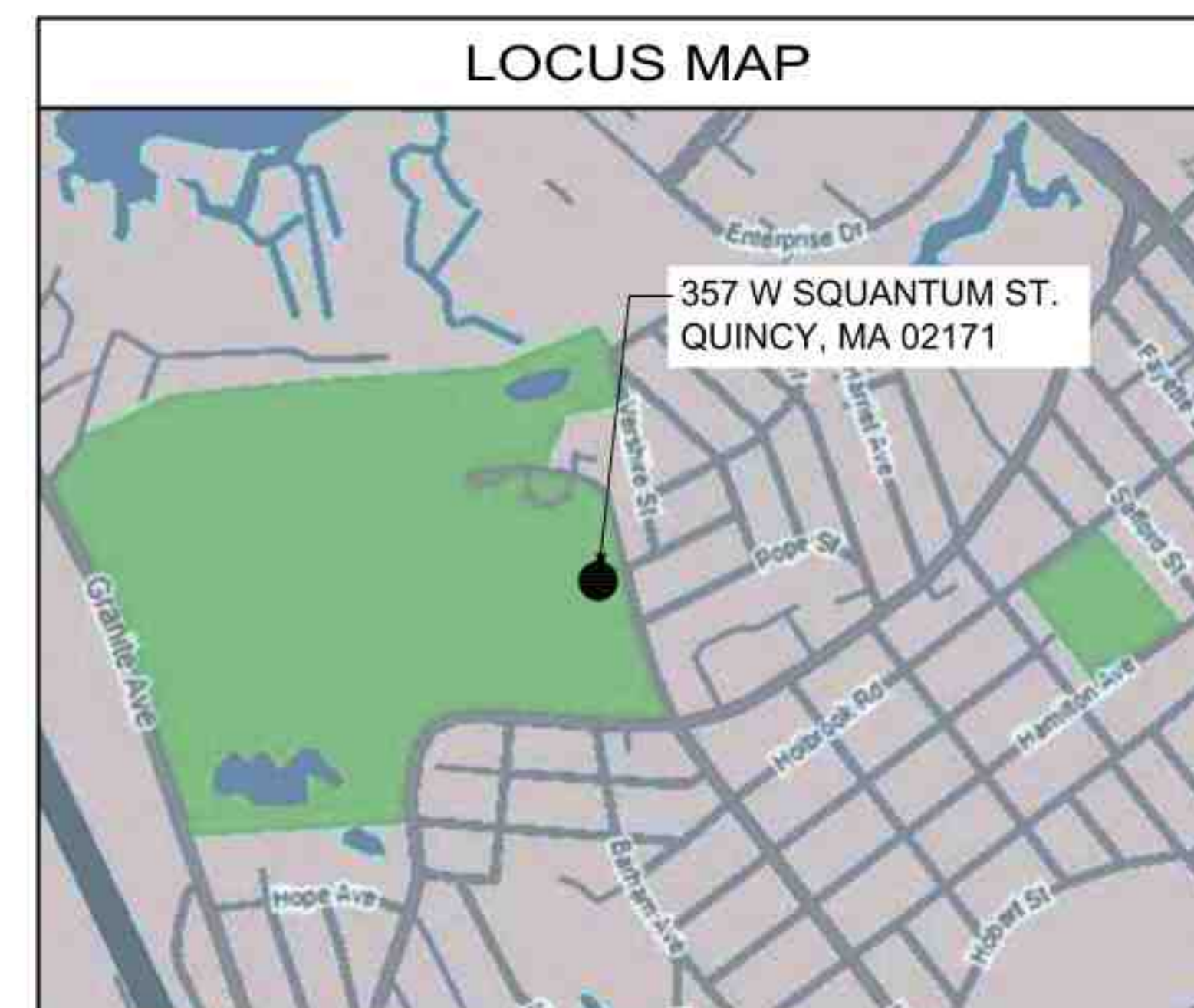
357 WEST SQUANTUM STREET
QUINCY, MA

Architect

CSS Architects Inc.
107 Audubon Road
Bldg. 2, Suite 300
Wakefield, MA 01880
781-245-8400
www.cssarchitects.com

Civil Engineer

Gale Associates, Inc.
300 Ledge Wood Place, Suite 300
Rockland, MA 02370
781-335-6465
www.galeassociates.com



November 5, 2024

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1.0 TENNIS COURTS RECONSTRUCTION AT WOLLASTON RECREATIONAL FACILITY

**TENNIS COURTS
RECONSTRUCTION
AT WOLLASTON
RECREATIONAL
FACILITY**

357 WEST SQUANTUM
STREET
QUINCY, MA

Revisions

No.	Date	Description	By

CSS ARCHITECTS INC.
 107 Audubon Road
Building 2, Suite 300
Wakefield, MA 01880
css@cssarchitects.com


Gale Associates, Inc.
300 LEDGEWOOD PLACE | ROCKLAND, MA
02370 P 781.335.6466 F 781.335.6467
www.gaic.com

STAMP

Title:
**NOTES AND
LEGEND**

Scale: N.T.S.

Date: 11/7/2024

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Checked: MPN

Project No: 1318

G001

DEMOLITION NOTES

- DEMOLITION TO COMPLY WITH GOVERNING EPA NOTIFICATION REGULATIONS BEFORE STARTING SELECTIVE DEMOLITION. COMPLY WITH HAULING AND DISPOSAL REGULATIONS OF AUTHORITIES HAVING JURISDICTION.
- THE OWNER MAY OCCUPY PORTIONS OF THE BUILDING IMMEDIATELY ADJACENT TO SELECTIVE DEMOLITION AREAS. CONDUCT SELECTIVE DEMOLITION SO THAT OWNERS'S OPERATIONS WILL NOT BE DISRUPTED. PROVIDE NOT LESS THAN 72 HOURS NOTICE TO OWNER OF ACTIVITIES (IF ANY) THAT MAY AFFECT THEIR OPERATIONS.
- SURVEY THE CONDITION OF THE SITE TO DETERMINE WHETHER REMOVING ANY ELEMENT MIGHT RESULT IN UNDESIRABLE DAMAGE OF ANY PORTION OF ADJACENT FACILITIES DURING SELECTIVE DEMOLITION.
- MAINTAIN EXISTING UTILITIES INDICATED TO REMAIN IN SERVICE AND PROTECT THEM AGAINST DAMAGE DURING SELECTIVE DEMOLITION OPERATIONS.
- CONDUCT DEMOLITION OPERATIONS AND REMOVE DEBRIS TO ENSURE MINIMUM INTERFERENCE WITH ROADS, PARKING LOTS, STREETS, WALKS, AND OTHER ADJACENT OCCUPIED AND USED FACILITIES.
- CONDUCT DEMOLITION OPERATIONS TO PREVENT INJURY TO PEOPLE AND DAMAGE TO ADJACENT BUILDINGS, FACILITIES, AND SITE IMPROVEMENTS TO REMAIN. ENSURE SAFE PASSAGE OF PEOPLE AROUND SELECTIVE DEMOLITION AREA.
- USE WATER MIST AND OTHER SUITABLE METHODS TO LIMIT THE SPREAD OF DUST AND DIRT. COMPLY WITH GOVERNING ENVIRONMENTAL PROTECTION REGULATIONS.
- REMOVE AND TRANSPORT DEBRIS IN A MANNER THAT WILL PREVENT SPILLAGE ON ADJACENT SURFACES AND AREAS.
- CLEAN ADJACENT STRUCTURES AND IMPROVEMENTS OF DUST, DIRT, AND DEBRIS CAUSED BY SELECTIVE DEMOLITION OPERATIONS. RETURN ADJACENT AREAS TO CONDITION EXISTING BEFORE START OF SELECTIVE DEMOLITION.
- DEMOLISH AND REMOVE EXISTING CONSTRUCTION ONLY TO THE EXTENT REQUIRED BY NEW CONSTRUCTION AND AS INDICATED. CONTRACTOR TO BE RESPONSIBLE FOR ANY CUTTING AND PATCHING THAT IS REQUIRED.
- PROMPTLY DISPOSE OF DEMOLISHED MATERIALS. DO NOT ALLOW DEMOLISHED MATERIALS TO ACCUMULATE ON-SITE.
- DO NOT BURN DEMOLISHED MATERIALS.
- TRANSPORT DEMOLISHED MATERIALS OFF OWNER'S PROPERTY AND LEGALLY DISPOSE OF THEM, IF NOT DESIGNATED TO BE SALVAGED BY THE OWNER OR REUSED.
- IN AREAS WHERE BITUMINOUS CONCRETE IS TO BE REMOVED, THE EDGE OF ANY BITUMINOUS CONCRETE TO REMAIN MUST BE A CLEAN SAW-CUT EDGE.

EROSION CONTROL NOTES

- THE CONTRACTOR SHALL FILE A NPDES CONSTRUCTION GENERAL PERMIT AS REQUIRED BY THE EPA AT LEAST 14 DAYS PRIOR TO GROUNDBREAKING. NPDES PERMIT AND PLANS SHALL BE KEPT ON SITE FOR REVIEW AT ALL TIMES FOR THE DURATION OF CONSTRUCTION.
- ALL EROSION AND SEDIMENTATION CONTROL MEASURES SHALL BE CONSTRUCTED IN ACCORDANCE WITH STATE REGULATIONS AND ALL CITY REGULATIONS AND PERMIT CONDITIONS.
- EROSION AND SEDIMENTATION CONTROL MEASURES SHALL BE IN PLACE PRIOR TO THE COMMENCEMENT OF ANY SITE WORK OR EARTHWORK OPERATIONS, AND SHALL BE MAINTAINED THROUGHOUT CONSTRUCTION.
- STOCKPILES SHALL BE SURROUNDED ON THEIR PERIMETERS WITH STAKED SILTATION FENCES TO PREVENT AND/OR CONTROL SILTATION AND EROSION. OTHERWISE SPOIL MATERIAL SHALL BE IMMEDIATELY REMOVED FROM THE SITE AND DISPOSED OF LEGALLY AND IN CONFORMANCE TO ALL CITY REGULATIONS.
- ALL EROSION CONTROL MEASURES SHALL BE ROUTINELY INSPECTED, CLEANED AND REPAIRED OR REPLACED AS NECESSARY THROUGHOUT ALL PHASES OF CONSTRUCTION. IN ADDITION, INSPECTION SHALL TAKE PLACE AFTER EACH RAINFALL EVENT AND BEFORE FORECASTED RAIN.
- ALL SEDIMENTS MUST BE REMOVED PRIOR TO REACHING THE EXISTING DRAINAGE SYSTEMS AND/OR ANY ENVIRONMENTAL RESOURCE AREAS.
- THE CONTRACTOR SHALL KEEP ON SITE AT ALL TIMES EXTRA SILTATION FENCING FOR INSTALLATION AT THE DIRECTION OF THE ENGINEER OR THE OWNER TO MITIGATE ANY EMERGENCY CONDITION.
- THE AREA OR AREAS OF ENTRANCE AND EXIT TO AND FROM THE SITE SHALL BE MAINTAINED IN A CONDITION WHICH WILL PREVENT TRACKING OR FLOWING OF SEDIMENT. ALL SEDIMENT SPILLED, DROPPED, WASHED OR TRACKED OUTSIDE OF CONSTRUCTION AREA MUST BE REMOVED IMMEDIATELY.
- EROSION CONTROL DEVICES MAY BE ADDED OR REDUCED IN THE FIELD AS DIRECTED BY THE OWNER/ENGINEER.
- THE CONTRACTOR IS RESPONSIBLE FOR REESTABLISHING ANY EROSION CONTROL DEVICE WHICH THEY DISTURB. THE CONTRACTOR SHALL NOTIFY THE OWNER/ENGINEER OF ANY DEFICIENCIES IN THE ESTABLISHED EROSION CONTROL MEASURES WHICH MAY LEAD TO UNAUTHORIZED DISCHARGE OR STORM WATER POLLUTION, SEDIMENTATION OR OTHER POLLUTANTS. UNAUTHORIZED POLLUTANTS INCLUDE, BUT ARE NOT LIMITED TO, EXCESS CONCRETE DUMPING OR CONCRETE RESIDUE, POINTS, SOLVENTS, GREASES, FUEL AND LUBE OIL, PESTICIDES, AND SOLID WASTE MATERIALS.

GRADING NOTES

- ALL GRADING SHALL MEET THE REQUIREMENTS OF THE AMERICANS WITH DISABILITIES ACT (ADA) AND LOCAL BUILDING AND ACCESSIBILITY CODES. IN GENERAL, GRADING OF SIDEWALKS SHALL NOT EXCEED 2.0% CROSS SLOPE AND 5.0% RUNNING SLOPE. GRADING OF ADA PARKING STALLS AND LOADING ZONES SHALL NOT EXCEED 2.0% IN ANY DIRECTION AND GRADING OF PLAZA AND GATHERING AREAS SHALL NOT EXCEED 2.0% IN ANY DIRECTION. GRADING ON SIDEWALK CURB RAMPS AND OTHER ACCESSIBLE RAMPS SHALL NOT EXCEED 8.0%. ALL AREAS SHALL PROVIDE POSITIVE DRAINAGE AS TO NOT POOL WATER, MINIMUM SLOPES SHALL BE 1.0% UNLESS OTHERWISE NOTED.
- ALL PROPOSED CONTOURS ARE APPROXIMATE. PROPOSED SPOT ELEVATIONS AND DESIGNED GRADIENT ARE TO BE USED IN THE EVENT OF ANY DISCREPANCIES.
- GRADING SHALL BE PERFORMED TO ALLOW WATER TO FLOW AWAY FROM BUILDING STRUCTURES, AND TO NOT ALLOW PUDDLING OF WATER ANYWHERE ON SITE.
- MINOR ADJUSTMENTS TO FINISH GRADE TO ACCOMPLISH DRAINAGE FLOW ARE ACCEPTABLE, IF NECESSARY, UPON PRIOR APPROVAL OF ENGINEER.
- NEW PAVEMENT SHALL BE FLUSH AT ANY JUNCTURE WITH EXISTING PAVEMENT.
- ALL EXCAVATIONS SHOULD BE STABILIZED BY CUTTING BACK SIDE SLOPES OR USING SHORING AND BRACING AS REQUIRED. ALL EXCAVATION AND SHORING SHALL BE DONE IN ACCORDANCE WITH OSHA STANDARDS AND MGL CH. 149 SECT. 129A.
- ANY DEWATERING SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR. DISCHARGE OF SILTY OR OTHERWISE "DIRTY" WATER INTO DRAINAGE SYSTEM OR ANY BODY OF WATER, WETLAND OR RESOURCE AREA SHALL NOT BE PERMITTED.

GENERAL NOTES

- THE CONTRACTOR SHALL BE RESPONSIBLE FOR ESTABLISHING AND MAINTAINING ALL CONTROL POINTS AND BENCH MARKS NECESSARY FOR THE WORK. ALL EXISTING CONTROL POINTS AND BENCHMARKS HAVE BEEN PROVIDED ON THE EXISTING CONDITIONS PLANS. ANY ADDITIONAL CONTROL POINTS SHALL BE ESTABLISHED AND MAINTAINED BY THE CONTRACTOR.
- ALL CONSTRUCTION SHALL BE IN ACCORDANCE WITH THESE PLANS, AND CITY STANDARDS. THE CONTRACTOR IS RESPONSIBLE FOR OBTAINING A COPY OF THE CITY STANDARDS AND REGULATIONS FOR USE ON THIS PROJECT.
- BARRICADING, TRAFFIC CONTROL, AND PROJECT SIGNS SHALL CONFORM TO ALL STATE, LOCAL REGULATIONS. AREA ADJACENT TO THE PROJECT SITE WILL BE IN USE DURING CONSTRUCTION AT VARIOUS TIMES. THE CONTRACTOR WILL PROVIDE ADEQUATE CONSTRUCTION FENCING DURING EACH PHASE OF THE PROJECT TO FULLY SECURE THE PROPOSED SITE SUBJECT TO OWNER APPROVAL. THE FENCING MAY NEED ADJUSTMENT AT VARIOUS TIMES WITHOUT CONTRACT MODIFICATION.
- THE GENERAL CONTRACTOR SHALL VERIFY THE SUITABILITY OF ALL EXISTING AND PROPOSED SITE CONDITIONS INCLUDING GRADES AND DIMENSIONS BEFORE COMMENCEMENT OF CONSTRUCTION. THE ENGINEER SHALL BE NOTIFIED IMMEDIATELY OF ANY DISCREPANCIES.
- THE CONTRACTOR IS RESPONSIBLE FOR OBTAINING AND PAYING FOR ALL PERMITS AND/OR CONNECTION FEES REQUIRED.
- GENERAL CONTRACTOR SHALL COORDINATE WITH OTHER TRADES AS APPLICABLE INCLUDING BUT NOT LIMITED TO ELECTRICAL, LIGHTING, AND GAS. THE CONTRACTOR ACKNOWLEDGES THAT ANOTHER CONTRACTOR WILL BE UNDER A SEPARATE CONTRACT. THE CONTRACTOR WILL COORDINATE HIS EFFORTS IN GOOD FAITH, AND WORK IN HARMONY WITH THE OTHER CONTRACTOR. NO EXTRA WILL BE AWARDED DUE TO CONFLICTS BETWEEN CONTRACTORS.
- SUBSTITUTIONS AND APPROVAL OF "OR-EQUAL" PRODUCTS IN PLACE OF THOSE SPECIFIED WILL NOT BE ALLOWED WITHOUT WRITTEN AUTHORIZATION FROM THE OWNER OR ENGINEER.

GENERAL UTILITY NOTES

- THE CONTRACTOR IS SPECIFICALLY CAUTIONED THAT THE LOCATION AND/OR ELEVATION OF EXISTING UTILITIES AND STRUCTURES AS SHOWN ON THESE PLANS IS BASED ON RECORD PLANS AND WHERE POSSIBLE, MEASUREMENTS TAKEN IN THE FIELD. THIS INFORMATION IS NOT TO BE RELIED ON AS BEING EXACT OR COMPLETE. THE LOCATION OF ALL UNDERGROUND UTILITIES AND STRUCTURES SHALL BE VERIFIED IN THE FIELD BY THE CONTRACTOR PRIOR TO THE START OF CONSTRUCTION.
- THE CONTRACTOR MUST CONTACT THE APPROPRIATE UTILITY COMPANY, ANY GOVERNING PERMITTING AUTHORITY, AND "DIGSAFE" AT LEAST 72 HOURS PRIOR TO ANY EXCAVATION WORK TO REQUEST EXACT FIELD LOCATION OF UTILITIES.
- THE ENGINEER SHALL BE NOTIFIED IN WRITING OF ANY UTILITIES INTERFERING WITH THE PROPOSED CONSTRUCTION. IT SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR TO RELOCATE EXISTING UTILITIES WHICH CONFLICT WITH THE PROPOSED IMPROVEMENTS SHOWN ON THE PLAN.
- TRENCH EXCAVATIONS SHALL BE IN ACCORDANCE WITH ALL PROVISIONS OF OSHA PART 1926, SUBPART P -EXCAVATIONS. TRENCHES AND SHORING OF THE OCCUPATIONAL SAFETY AND HEALTH'S STANDARDS AND NECESSARY TRENCH SAFETY PLANS TO THE ENGINEER AND CITY FOR REVIEW PRIOR TO COMMENCING CONSTRUCTION.
- ALL DRAIN, WATER AND SANITARY SEWER PIPES INSTALLED WITHIN 10 FEET OF THE BUILDING (BY OTHERS) MUST BE PERMITTED AND INSTALLED BY A MASSACHUSETTS LICENSED PLUMBER.
- CONTRACTOR SHALL VERIFY ALL EXISTING INVERTS AND RIM ELEVATIONS PRIOR TO CONSTRUCTION.
- THE CONTRACTOR SHALL ADJUST ALL UTILITY CASTINGS TO BE FLUSH WITH PROPOSED GRADE UNLESS OTHERWISE INDICATED ON PLAN.
- THE CONTRACTOR SHALL FIELD COORDINATE WITH THE ELECTRICAL ENGINEER TO DETERMINE EXACT POINT OF SERVICE CONNECTION. REFER TO THE SITE ELECTRICAL DRAWINGS FOR UTILITY SERVICE ENTRANCE LOCATIONS, SIZES, AND CIRCUITING.
- CONTRACTOR SHALL PURGE LIFTING HOLES ON ALL CONCRETE STRUCTURES.

LANDSCAPING NOTES

- ALL PLANTS MUST BE HEALTHY, VIGOROUS MATERIAL, FREE OF PESTS AND DISEASE.
- ALL PLANTS MUST BE CONTAINER GROWN OR BALLED AND BURLAPPED.
- ALL TREES MUST BE STRAIGHT-TRUNKED AND FULL-HEADED AND MEET ALL REQUIREMENTS SPECIFIED.
- ALL PLANTS ARE SUBJECT TO THE APPROVAL OF THE OWNER'S REPRESENTATIVE BEFORE, DURING, AND AFTER INSTALLATION.
- ALL TREES MUST BE GUYED OR STAKED AS SHOWN IN THE DETAILS.
- ALL PLANTING AREAS MUST BE COMPLETELY MULCHED AS SPECIFIED.
- PRIOR TO CONSTRUCTION, THE CONTRACTOR SHALL BE RESPONSIBLE FOR LOCATING ALL UNDERGROUND UTILITIES AND SHALL AVOID DAMAGE TO ALL UTILITIES DURING THE COURSE OF THE WORK. THE CONTRACTOR IS RESPONSIBLE FOR REPAIRING ANY AND ALL DAMAGE TO UTILITIES, STRUCTURES, SITE APPURTENANCES, ETC. WHICH OCCURS AS A RESULT OF THE LANDSCAPE CONSTRUCTION.
- THE CONTRACTOR IS RESPONSIBLE FOR FULLY MAINTAINING ALL PLANTING (INCLUDING BUT NOT LIMITED TO: WATERING, SPRAYING, MULCHING, FERTILIZING, ETC.) OF THE PLANTING AREAS AND LAWN UNTIL THE WORK IS ACCEPTED IN TOTAL BY THE OWNER.
- THE CONTRACTOR SHALL COMPLETELY GUARANTEE ALL PLANT MATERIAL FOR A PERIOD OF ONE (1) YEAR BEGINNING ON THE DATE OF TOTAL ACCEPTANCE. THE CONTRACTOR SHALL PROMPTLY MAKE ALL REPLACEMENTS BEFORE OR AT THE END OF THE GUARANTEE PERIOD.
- AFTER BEING DUG AT THE NURSERY SOURCE, ALL TREES IN LEAF SHALL BE ACCLIMATED FOR TWO (2) WEEKS UNDER A MIST SYSTEM PRIOR TO INSTALLATION.
- ANY PLANT MATERIAL WHICH DIES, TURNS BROWN, OR DEFOLIATES (PRIOR TO TOTAL ACCEPTANCE OF THE WORK) SHALL BE PROMPTLY REMOVED FROM THE SITE AND REPLACED WITH MATERIAL OF THE SAME SPECIES, QUANTITY, AND SIZE AND MEETING ALL PLANT LIST SPECIFICATIONS.
- STANDARDS SET FORTH IN "AMERICAN STANDARD FOR NURSERY STOCK" REPRESENT GUIDELINE SPECIFICATIONS ONLY AND SHALL CONSTITUTE MINIMUM QUALITY REQUIREMENTS FOR PLANT MATERIAL.
- ALL SHRUB, GROUND COVER AND SEASONAL COLOR ANNUAL PLANTING BEDS ARE TO BE COMPLETELY COVERED WITH HARDWOOD MULCH TO A MINIMUM DEPTH OF FOUR INCHES.

ABBREVIATIONS

AB	ASPHALT BERM
BD	BOUND
BIT	BITUMINOUS
ℓ	BASELINE
BLDG	BUILDING
BM	BENCHMARK
BR	BRIDGE
BRK	BRICK
BWL	BROKEN WHITE LINE
BYL	BROKEN YELLOW LINE
CAB	CABINET
CB	CATCH BASIN
CC	CEMENT CONCRETE
CCB	CAPE COD BERM
CEN	CENTER
CI	CURB INLET
CIP	CAST IRON PIPE
℄	CENTER LINE
CLF	CHAIN LINK FENCE
CMH	CABLE MANHOLE
CMP	CORRUGATED METAL PIPE
CO	COUNTY
CO BD	COUNTY BOUND
CON	CONIFEROUS
CONC	CONCRETE
CPP	CORRUGATED PLASTIC PIPE
CSP	CORRUGATED STEEL PIPE
CULV	CULVERT
CW	CROSSWALK
DBWL	DOUBLE WHITE LINE
DBYL	DOUBLE YELLOW LINE
DEC	DECIDUOUS
DH	DRILL HOLE
DI	DROP INLET
DIA	DIAMETER
DIP	DUCTILE IRON PIPE
DMH	DRAIN MANHOLE
DSK	DISK
DWL	DOTTED WHITE LINE
DYL	DOTTED YELLOW LINE
EB	EASTBOUND
EL	ELEVATION
EMH	ELECTRIC MANHOLE
EP	EDGE OF PAVEMENT
EPLP	ESCUTCHEON PIN IN LEAD PLUG
ETW	EDGE OF TRAVELED WAY
EX	EXISTING
FF	FINISH FLOOR
FGS	FLAGSTONE
FL	FLOWLINE
FLDSTN	FIELDSTONE
GAR	GARAGE
GC	GRANITE CURB
GIP	GALVANIZED IRON PIPE

GMH	GAS MANHOLE
GRAN	GRANITE
GRAV	GRAVEL
GRD	GUARD
GRL	GUARDRAIL
HDW	HEADWALL
HYD	HYDRANT
INV	INVERT
IP	IRON PIPE
JB	JERSEY BARRIER
L	LENGTH OF CURVE
LB	LEACHING BASIN
LC	LAND COURT
LCB	LAND COURT BOUND
LCD	LAND COURT DISK
LO	LAYOUT
LP	LIGHT POLE
LPD	LIGHT POLE DOUBLE LIGHT
LSA	LANDSCAPED AREA
MAG	MAG NAIL
MBE	MIDDLE BACK EDGE
MED	MEDIAN
MH	MANHOLE
MP	MILE POST
MTL	METAL
N/F	NOW OR FORMERLY
NB	NORTHBOUND
OH	OVERHANG
OHW	OVERHEAD WIRE
PC	POINT OF CURVATURE
PCC	POINT OF COMPOUND CURVATURE
PED	PEDESTRIAN
PI	POINT OF INTERSECTION
PK	PK NAIL
ℓ	PROPERTY LINE
PP	PRICK PUNCH
PRC	POINT OF REVERSE CURVATURE
PT	POINT OF TANGENCY
PVC	POLYVINYL CHLORIDE PIPE
PVMT	PAVEMENT
PWW	PAVED WATERWAY
PZ	PIEZOMETER
R	RADIUS OF CURVATURE
RB	REBAR
RC	REINFORCED CONCRETE
RCP	REINFORCED CONCRETE PIPE
RET	RETAINING
ROW	RIGHT OF WAY
RR	RAILROAD
RRS	RAILROAD SPIKE
S BD	SOUTHBOUND
SB	STONE BOUND
SD	SUBDRAIN
SGE	SLOPED GRANITE EDGING

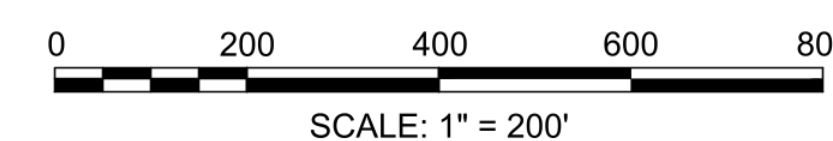
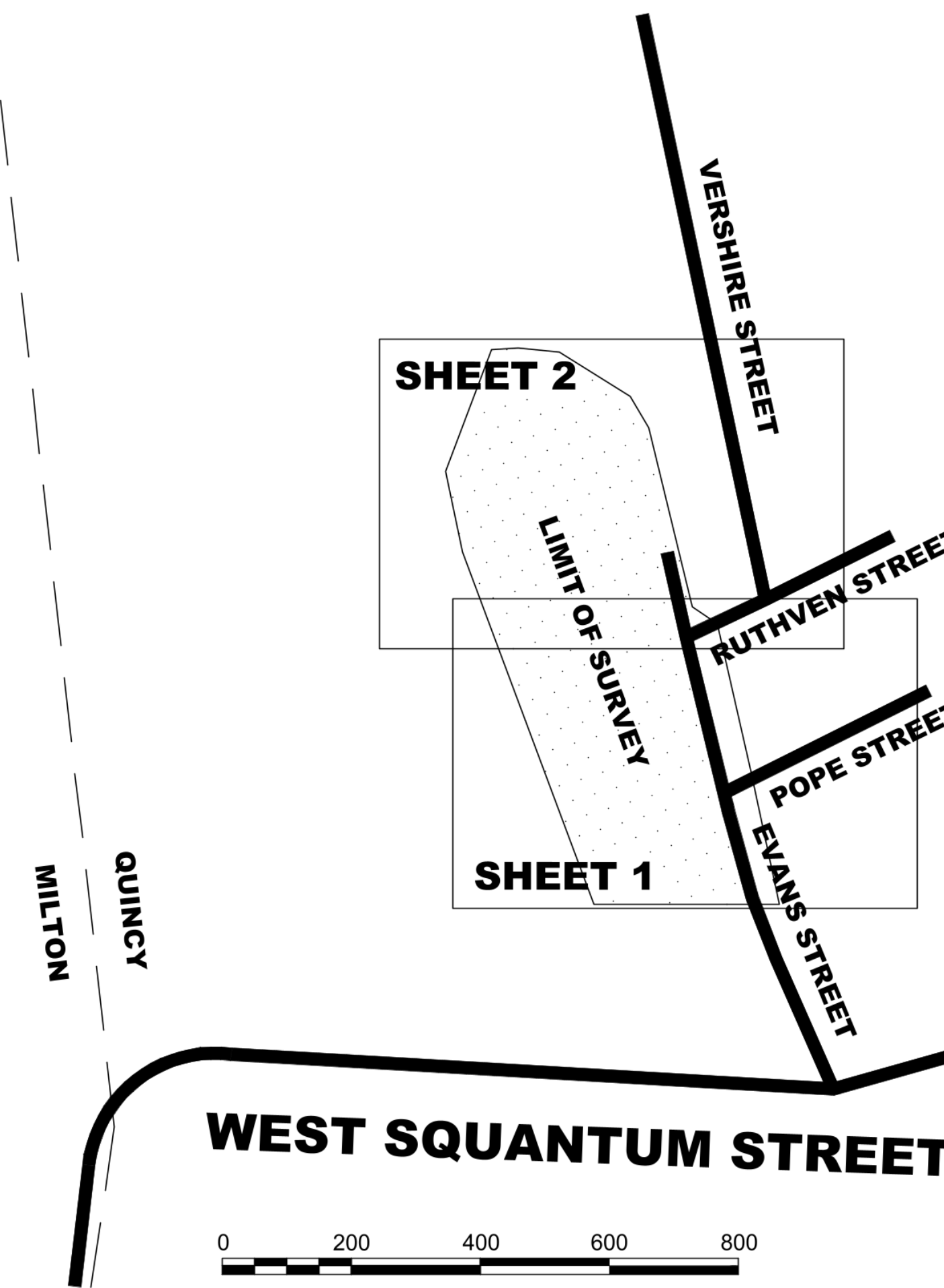
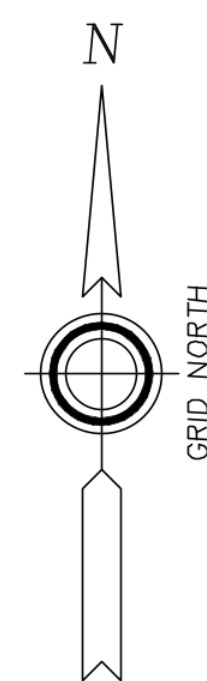
SHLD	SHOULDER
SHLO	STATE HIGHWAY LAYOUT
SK	SKREW
SL	STOP LINE
SMH	SEWER MANHOLE
SPK	SPIKE
STA	STATION
STN	STONE
SW	SIDEWALK
SWL	SOLID WHITE LINE
SYL	SOLID YELLOW LINE
T	TANGENT DISTANCE
TAN	TANGENT
TEMP	TEMPORARY
TMH	TELEPHONE MANHOLE
TR	TOP OF RAIL
TSC	TRAFFIC SIGNAL CONDUIT
TYP	TYPICAL
VAR	VARIABLE
VCP	VITRIFIED CLAY PIPE
VGC	VERTICAL GRANITE CURB
VLT	VAULT
WB	WESTBOUND
WCR	WHEELCHAIR RAMP
WD	WOOD
SBDH	STONE BOUND W/ DRILL HOLE
MDHL	DRILL HOLE
MREB	REBAR
MIPE	IRON PIPE
WIP	WROUGHT IRON PIPE
MMON	MONUMENT
B.C.R.W.	BOTTOM CONC RET WALL
T.C.R.W.	TOP CONC RET WALL

● BF#	BANK FLAG
● BHL#	BORE HOLE
⊙	BUSH
⊕ BM#	BENCHMARK
□	BOUND (CONC, STONE, LAND COURT, ETC.)
⊙	CABLE MANHOLE
□ CB	CATCH BASIN - SQUARE
□ CB	CATCH BASIN - D-FRAME
○ CB	CATCH BASIN - ROUND
● DSK	DISK (CAT, USC&GS, LAND COURT, ETC.)
● DH	DRILL HOLE
⊙	DRAIN MANHOLE
□ EHH	ELECTRIC HANDHOLE
⊙	ELECTRIC MANHOLE
⊕ EM	ELECTRIC METER
⊕ EPLP	ESCUTCHEON PIN IN LEAD PLUG
⊕ FB	FLASHING BEACON
△ FES	FLARED END SECTION
● FP	FLAG POLE
○ GF	GAS FILL
○ CG	GAS GATE
⊕ GM	GAS METER
⊕ GP	GAS PUMP
⊙	GAS MANHOLE
○ GPL	GUY POLE
⊕	HANDICAP SYMBOL
←	GUY WIRE ANCHOR
○ HTP	HIGH TENSION POWER POLE
⊕	FIRE HYDRANT
○ IP	IRON PIPE
⊕	LIGHT POLE
⊕	LIGHT POLE DOUBLE LIGHT

LEGEND

○ MAG	MAG NAIL
□ MB	MAIL BOX
■ MHB	MASSACHUSETTS HIGHWAY BOUND
⊕ MW	MONITORING WELL
○ OIL	OIL FILL
⊕	OTHER MANHOLE
□ PB	PULL BOX
⊕ PED	PEDESTRIAN SIGNAL
△	PHOTO CONTROL - H & V
○	PHOTO CONTROL - V ONLY
○ PK	PK NAIL
○ PM	PARKING METER
○ POST	CIRCULAR POST
□ POST	SQUARE POST
○ RB	REBAR/IRON PIN
○ RRS	RAILROAD SPIKE
⊕ RRS#	RAILROAD SIGNAL
⊕ RRSW	RAILROAD SWITCH
⊕ SN	STAKE AND NAIL
○ SP	STAND PIPE
⊕	SEWER MANHOLE
⊕	STEAM MANHOLE
○ STUMP	STUMP
■ TB	TOWN LINE BOUND (CORNER)
⊕ TCB	TRAFFIC SIGNAL CONTROL CABINET
⊕	TELEPHONE MANHOLE
⊕ TFMR	TRANSFORMER
□ TLRS	TOWN LINE ROAD STONE
⊕ TPIT#	TEST PIT
○ TPL	TROLLEY POLE
△	TRAVERSE POINT
● 22" M	TREE

⊕ TS	TRAFFIC SIGNAL
○ TS	TRAFFIC SIGNAL MAST ARM/SPAN WIRE POLE
○	SIGN
○	SIGN - DOUBLE POST
⊕ UFB#	UTILITY POLE W/ FIRE PULL BOX
⊕ ULT#	UTILITY POLE W/ LIGHT
⊕ UPDL#	UTILITY POLE W/ DOUBLE LIGHT
○ UPL#	UTILITY POLE
○ VP	VENT PIPE
⊕	WATER MANHOLE
○ WG	WATER GATE
⊕ WM	WATER METER
○ WSO	WATER SHUTOFF
⊕ WELL	WELL (POTABLE)
● WF#	WETLAND FLAG
---	OVERHEAD WIRE
---	DRAIN LINE
---	GAS LINE
---	SEWER LINE
---	WATER LINE
N.P.	NO PARKING
D.N.E.	DO NOT ENTER
L.D.G.	LOCKING DRIVEWAY GATE
N.O.A.	NO OUTSIDE ALCOHOL
B.C.A.P.	BIT. CONC. ASPHALT PAVEMENT



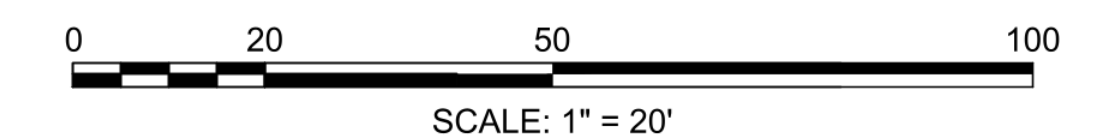
TOPOGRAPHIC EXISTING CONDITIONS PLAN
OF THE
PRESIDENTS GOLF COURSE
AND
WOLLASTON RECREATIONAL FACILITY
TENNIS COURTS
357 WEST SQUANTUM STREET
QUINCY, MA

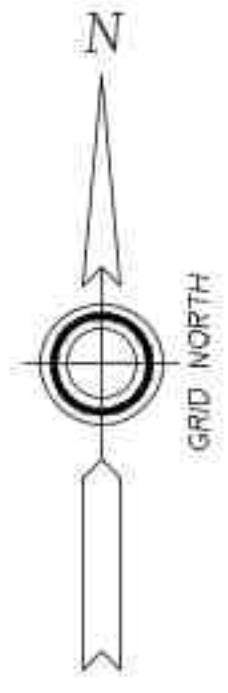
SEPTEMBER 17, 2024

PREPARED FOR:
COUNTY OF NORFOLK

PREPARED BY:
NORFOLK COUNTY ENGINEERING DEPARTMENT
649 HIGH STREET, DEDHAM, MA 02026
(781)461-6128

C001



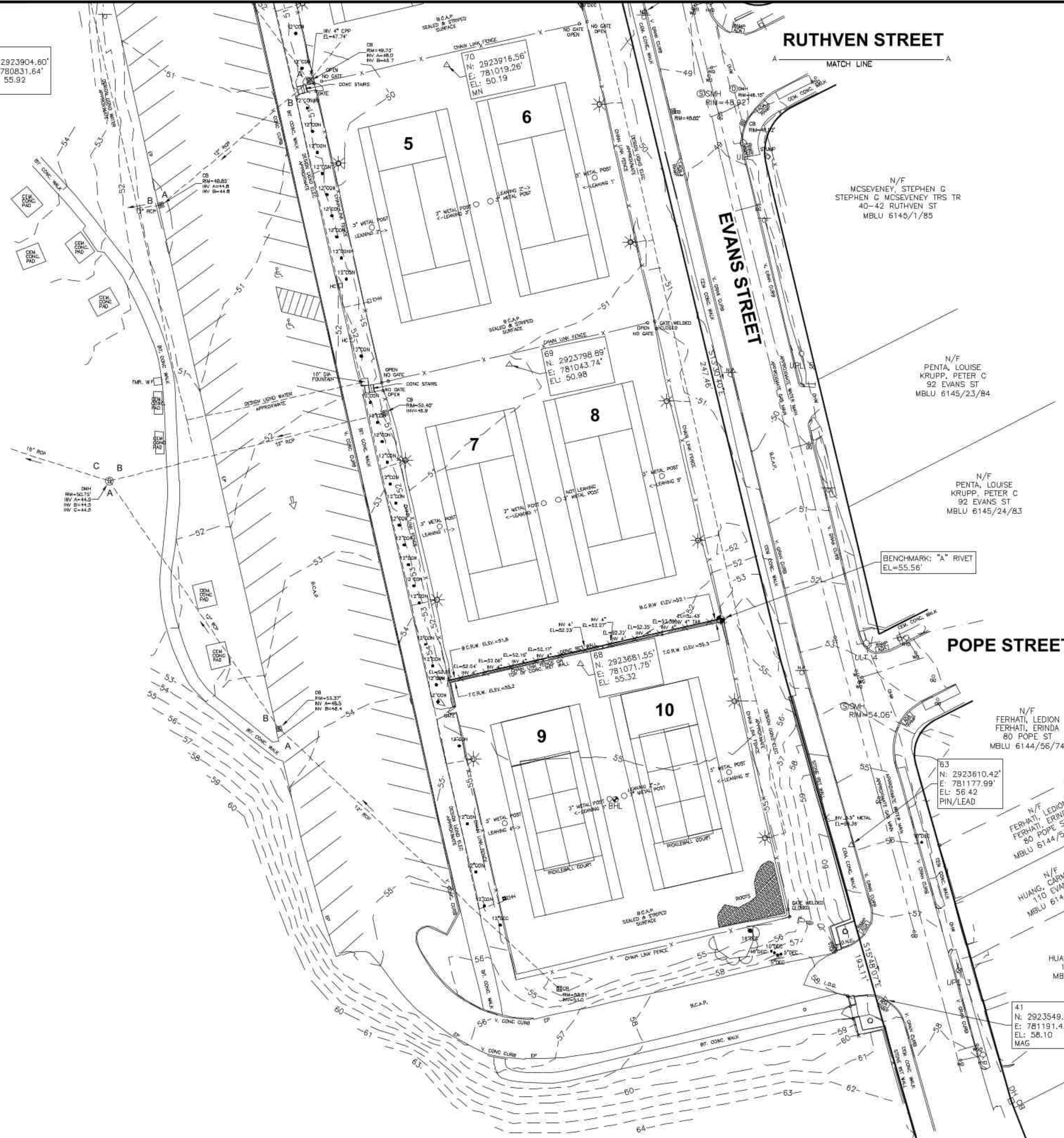


27
N: 2923904.60'
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EL: 55.92
MN

RUTHVEN STREET

EVANS STREET

POPE STREET



- NOTES:
1. THE LOCATIONS OF UTILITIES SHOWN HEREON WERE PLOTTED FROM (1) DATA FURNISHED BY THE CITY OF QUINCY OR THE RESPECTIVE UTILITY OR (2) BY OBSERVATION & LOCATION IN THE FIELD OR (3) FROM DIG SAFE & UTILITY MARK OUT PAINT MARKS OR (4) PLANS OF RECORD. LOCATIONS AND ELEVATIONS OF UTILITIES DEPICTED ARE APPROXIMATE ONLY. THE CONTRACTOR SHALL NOTIFY "DIG SAFE" AT LEAST 72 HOURS PRIOR TO ANY WORK AND DETERMINE THE EXACT LOCATIONS OF UTILITIES IN THE FIELD PER MASSACHUSETTS GENERAL LAW CHAPTER 82 SECTIONS 40A - 40E, AS AMENDED. THIS PLAN MAY OR MAY NOT SHOW ALL THE UTILITIES SERVING OR EXISTING ON THIS SITE, ABOVE GROUND OR BELOW, IN SERVICE OR ABANDONED, UNRECORDED OR OF RECORD. ANY LABEL IDENTIFYING A UTILITY STRUCTURE IS BASED ON FIELD INSPECTION AND/OR AVAILABLE PLANS AND SHOULD NOT BE CONSIDERED AS A DEFINITIVE DESCRIPTION OF EITHER THE UTILITY OR USAGE OF THE STRUCTURE. WE CANNOT ASSUME RESPONSIBILITY FOR DAMAGES INCURRED AS A RESULT OF UTILITIES THAT ARE OMITTED OR INACCURATELY SHOWN ON SAID PLANS, AS SUB-SURFACE UTILITIES CANNOT BE VERIFIED. CERTAIN UTILITY INFORMATION MAY NOT BE DISCLOSED ON THIS PLAN AS THESE UTILITIES PROHIBIT DISCLOSURE OF UTILITY INFORMATION OR LOCATIONS TO THIRD PARTIES THAT HAVE NOT AGREED TO THAT UTILITY'S DISCLOSURE AGREEMENT.
 2. THIS PLAN DOES NOT SHOW ANY UNRECORDED OR UNWRITTEN AGREEMENT(S), LICENSE(S), EASEMENT(S) THAT MAY EXIST. A REASONABLE AND DILIGENT ATTEMPT HAS BEEN MADE TO OBSERVE ANY APPARENT VISIBLE USE OF THE LAND; HOWEVER, THIS DOES NOT CONSTITUTE A GUARANTEE THAT NO SUCH AGREEMENT(S), LICENSE(S), EASEMENT(S) EXIST.
 3. THE PREMISES SURVEYED AND SHOWN HEREON MAY BE SUBJECT TO RIGHTS AND EASEMENTS AS CONTAINED IN VARIOUS INSTRUMENTS OF RECORD, THAT MAY BE RECORDED AND/OR UNRECORDED DESCRIBING THE SUBJECT PROPERTY AND OTHER PROPERTIES. TO THE EXTENT THAT SUCH RIGHTS OR EASEMENTS EXIST, THEIR LOCATION AND EXTENT ARE NOT KNOWN AT THIS TIME.
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 5. THE APPROXIMATE LOCATION OF THE SUBSURFACE WATER AND ELECTRIC SERVICES AND RESPECTIVE SYSTEM COMPONENTS IS TAKEN FROM THE WOLLASTON GOLF COURSE, NORFOLK COUNTY RECREATIONAL FACILITY DESIGN PLANS, B.O.R. PROJECT #25-00140, PREPARED BY: SHURCLIFF, MERRILL & FOOTIT LANDSCAPE ARCHITECTS AND GOODALL SHAPIRO & ASSOCIATES ELECTRICAL ENGINEERS, DATED 4/01/1975. THE VISIBLE WATER SYSTEM AND ELECTRIC SYSTEM COMPONENTS THAT WERE OBSERVED IN THE FIELD, WATER GATES, WATER FOUNTAINS, ELECTRIC METER, LIGHT POLES AND HAND HOLDS ARE DEPICTED ACCORDINGLY, AS SUCH THE ACTUAL LOCATIONS OF THE REMAINDER OF THE UNDERGROUND SYSTEM COMPONENTS ARE TAKEN FROM THE DESIGN PLANS AND ACTUAL LOCATION MAY DIFFER AND NEED TO BE VERIFIED IN THE FIELD.
 6. THE RIM & INVERT ELEVATIONS OF THE DRAINAGE SYSTEM COMPONENTS DEPICTED HEREON ARE FROM OBSERVATION AND MEASUREMENTS OBTAINED IN THE FIELD. THE LOCATION OF VISIBLE DRAINAGE SYSTEM COMPONENTS ARE DEPICTED ON THE PLAN. THE UNDERGROUND LOCATIONS OF THESE SYSTEMS NEED TO BE VERIFIED IN THE FIELD.
 7. THIS PLAN WAS PREPARED USING THE FOLLOWING SURVEYING METHODS, TOTAL STATION (LEICA TS 16), DIFFERENTIAL LEVELING (LEICA LS 15), RTK GPS (LEICA GS16, SMARTNET RTK NETWORK CORRECTION), STATIC GPS (LEICA GS12) AND OPUS SOLUTIONS.
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 9. THIS PLAN WAS PREPARED BY THE COUNTY OF NORFOLK UNDER THE AGREED UPON SCOPE OF SERVICES TO PROVIDE A TOPOGRAPHIC BASE MAP TO THE COUNTY OF NORFOLK PRESIDENTS GOLF COURSE AND WOLLASTON RECREATIONAL FACILITY TO BE USED FOR ONSITE DESIGN IMPROVEMENTS OF THE TENNIS COURTS AND ADJACENT AREA. ANY USE OR REUSE OF THIS WORK PRODUCT BY ANY ENTITY UNRELATED TO THE ORIGINAL SCOPE OF SERVICES SHALL BE AT THE ENTITIES SOLE AND EXCLUSIVE RISK AND LIABILITY.
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 11. FIELD SURVEY WAS COMPLETED SEPTEMBER OF 2024.
 12. THE EVANS STREET RIGHT OF WAY AND BOUNDARY LINE RETRACEMENT DEPICTED HEREON, HELD FOUND STREET, LAND COURT AND BOUNDARY MONUMENT LOCATIONS AS FOUND, REFERENCING PLANS OF RECORD.
 13. THIS PLAN WAS PREPARED IN ACCORDANCE WITH 250 CMR 6.00 LAND SURVEYING PROCEDURES AND STANDARDS.
 14. THE CURRENT EFFECTIVE FEDERAL EMERGENCY MANAGEMENT AGENCY (FEMA) FLOOD INSURANCE RATE MAP (FIRM) PANEL NUMBER 2502C0068F WITH AN EFFECTIVE DATE OF JUNE 9, 2014. BY OBSERVATION AND SCALE THE WOLLASTON RECREATIONAL FACILITY TENNIS COURTS ARE LOCATED OUTSIDE THE FLOOD HAZARD AREA DEPICTED ON THE FIRM.
 15. THERE ARE NO APPARENT BORDERING VEGETATIVE WETLANDS (BVW) IN CLOSE PROXIMITY TO THE TENNIS COURTS, AS SUCH, NO RESOURCE AREA DELINEATIONS WERE PERFORMED.

N/F
MCSEVENY, STEPHEN G
STEPHEN G MCSEVENY TRS TR
40-42 RUTHVEN ST
MBLU 6145/1/85

N/F
PENTA, LOUISE
KRUPP, PETER C
92 EVANS ST
MBLU 6145/23/84

N/F
PENTA, LOUISE
KRUPP, PETER C
92 EVANS ST
MBLU 6145/24/83

BENCHMARK: "A" RIVET
EL=55.56'

N/F
FERHATI, LEDION
FERHATI, ERINDA
80 POPE ST
MBLU 6144/56/74

63
N: 2923610.42'
E: 781177.99'
EL: 56.42
PIN/LEAD

N/F
FERHATI, LEDION
FERHATI, ERINDA
80 POPE ST
MBLU 6144/57/73A

N/F
HUANG, CARMEN TRS
110 EVANS ST
MBLU 6144/31/73B

N/F
HUANG, CARMEN TRS
110 EVANS ST
MBLU 6144/31/A1

41
N: 2923549.70'
E: 781191.43'
EL: 58.10
MAG

N/F
SON, KENNY
116 EVANS ST
MBLU 6144/32/2

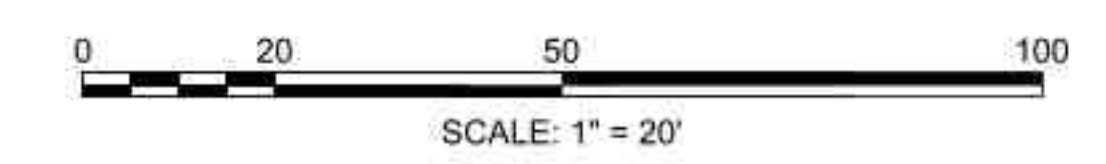
TOPOGRAPHIC EXISTING CONDITIONS PLAN
OF THE
PRESIDENTS GOLF COURSE
AND
WOLLASTON RECREATIONAL FACILITY
TENNIS COURTS
357 WEST SQUANTUM STREET
QUINCY, MA

SEPTEMBER 17, 2024

PREPARED FOR
COUNTY OF NORFOLK

PREPARED BY:
NORFOLK COUNTY ENGINEERING DEPARTMENT
649 HIGH STREET, DEEHAM, MA 02026
(781)461-6128

C002



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TOPOGRAPHIC EXISTING CONDITIONS PLAN
OF THE
PRESIDENTS GOLF COURSE
AND
WOLLASTON RECREATIONAL FACILITY
TENNIS COURTS
357 WEST SQUANTUM STREET
QUINCY, MA

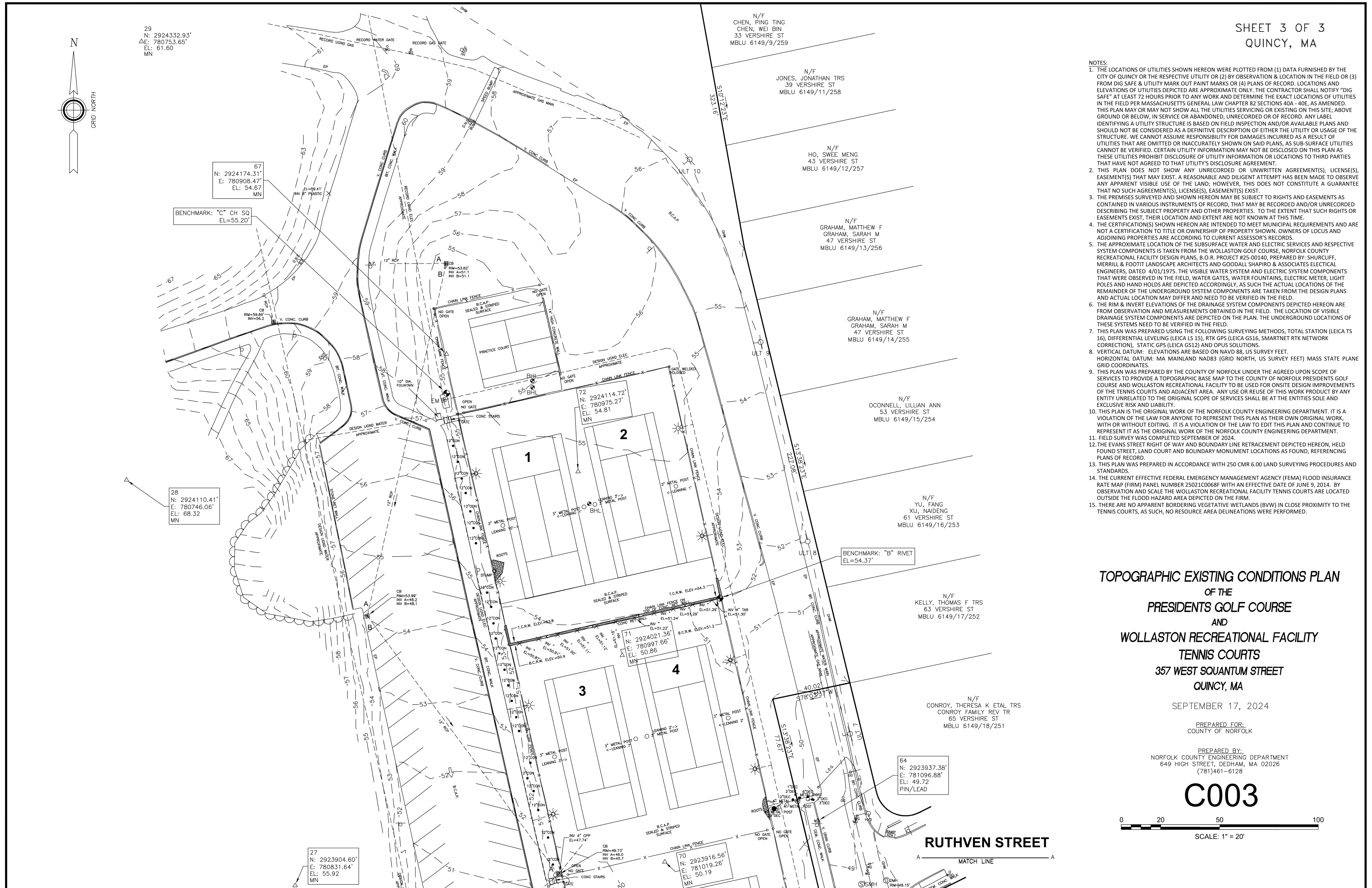
SEPTEMBER 17, 2024

PREPARED FOR:
COUNTY OF NORFOLK

PREPARED BY:
NORFOLK COUNTY ENGINEERING DEPARTMENT
649 HIGH STREET, DEDHAM, MA 02026
(781)461-6128

C003

0 20 50 100
SCALE: 1" = 20'



RUTHVEN STREET

MATCH LINE

**TENNIS COURTS
RECONSTRUCTION
AT WOLLASTON
RECREATIONAL
FACILITY**

357 WEST SQUANTUM
STREET
QUINCY, MA

Revisions

No.	Date	Description	By

CSS ARCHITECTS INC.
 107 Audubon Road
 Building 2, Suite 300
 Wakefield, MA 01880
 css@cssarchitects.com


 Gale Associates, Inc.
 300 LEDGEWOOD PLACE | ROCKLAND, MA
 02370 P 781.335.6466 F 781.335.6467
 www.gainc.com

STAMP

Title:
**DEMOLITION &
 EROSION
 CONTROL PLAN
 (BASE BID)**

Scale: 1" = 20'

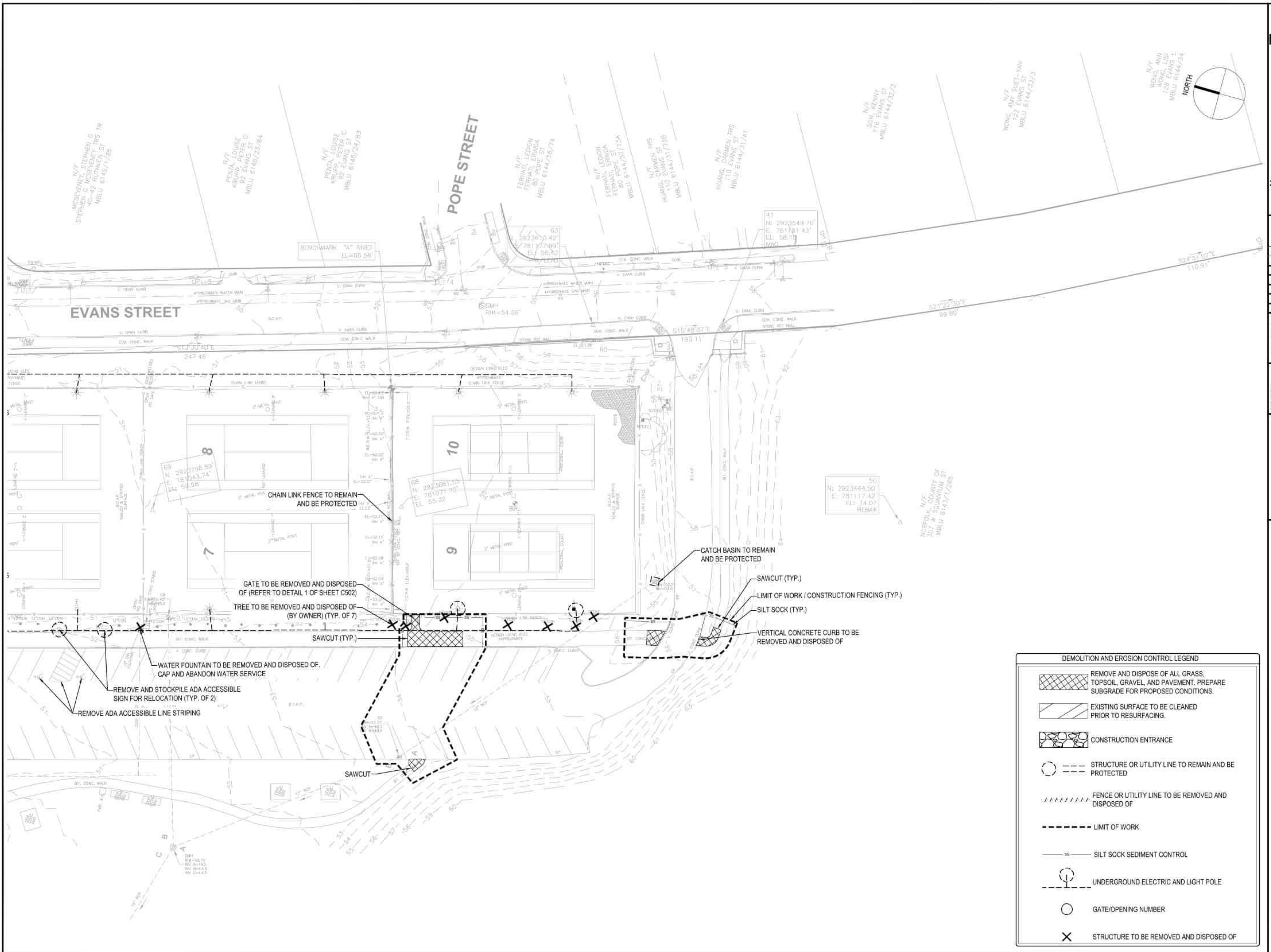
Date: 11/7/2024

Drawn: KMR

Checked: MPN

Project No: 1318

C005



**TENNIS COURTS
RECONSTRUCTION
AT WOLLASTON
RECREATIONAL
FACILITY**

357 WEST SQUANTUM
STREET
QUINCY, MA

Revisions

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 Wakefield, MA 01880
 css@cssarchitects.com


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 300 LEDGEWOOD PLACE | ROCKLAND, MA
 02370 P 781.335.6466 F 781.335.6467
 www.gainc.com

STAMP

Title:
**DEMOLITION &
 EROSION
 CONTROL PLAN
 (ALTERNATE 3)**

Scale: 1" = 20'

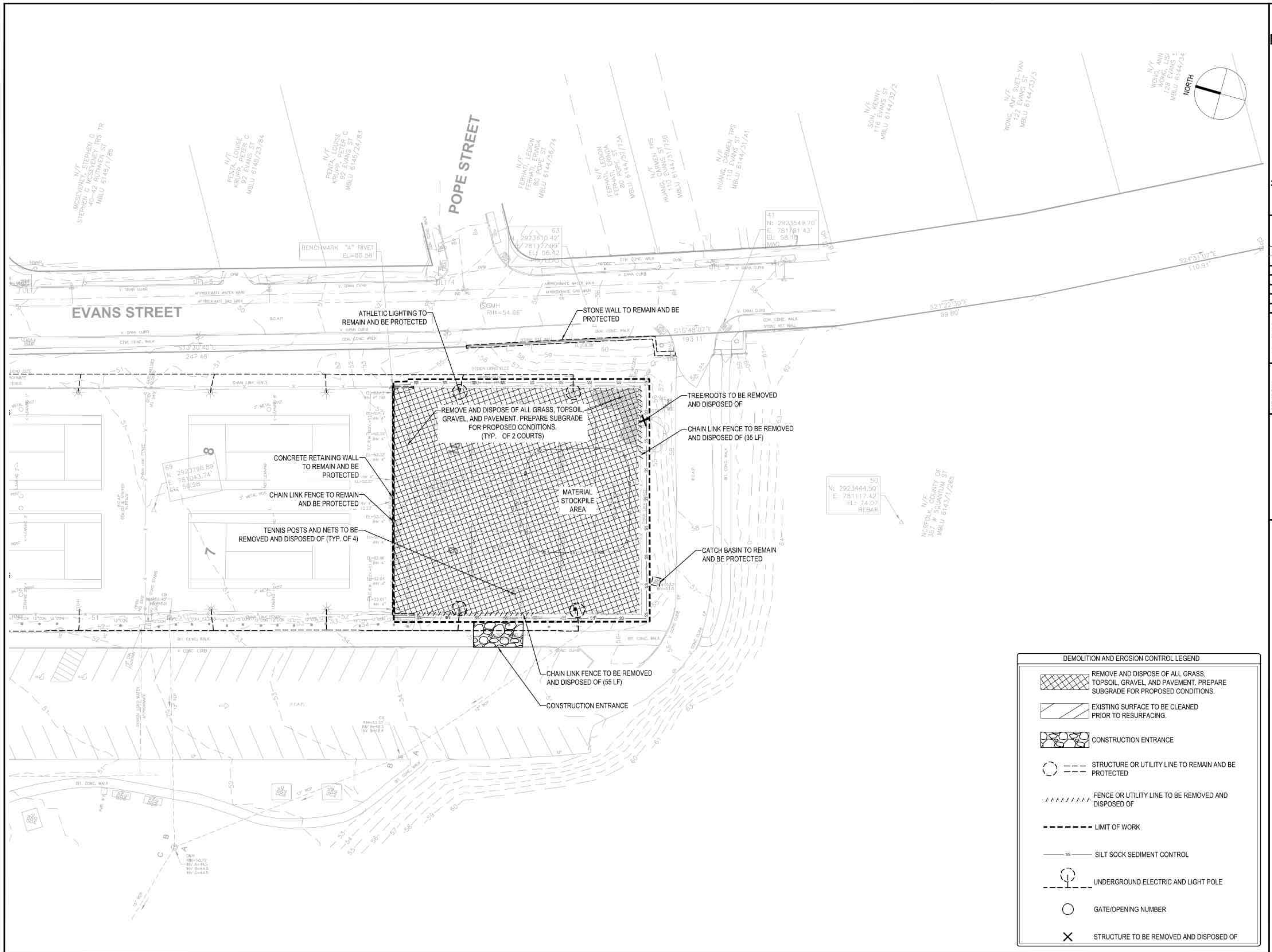
Date: 11/7/2024

Drawn: KMR




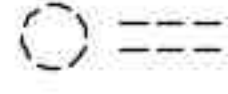



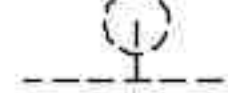


Checked: MPN

Project No: 1318

C005A



DEMOLITION AND EROSION CONTROL LEGEND

-  REMOVE AND DISPOSE OF ALL GRASS, TOPSOIL, GRAVEL, AND PAVEMENT. PREPARE SUBGRADE FOR PROPOSED CONDITIONS.
-  EXISTING SURFACE TO BE CLEANED PRIOR TO RESURFACING.
-  CONSTRUCTION ENTRANCE
-  STRUCTURE OR UTILITY LINE TO REMAIN AND BE PROTECTED
-  FENCE OR UTILITY LINE TO BE REMOVED AND DISPOSED OF
-  LIMIT OF WORK
-  SILT SOCK SEDIMENT CONTROL
-  UNDERGROUND ELECTRIC AND LIGHT POLE
-  GATE/OPENING NUMBER
-  STRUCTURE TO BE REMOVED AND DISPOSED OF

**TENNIS COURTS
RECONSTRUCTION
AT WOLLASTON
RECREATIONAL
FACILITY**

357 WEST SQUANTUM
STREET
QUINCY, MA

Revisions

No.	Date	Description	By

CSS ARCHITECTS INC.
CSS 107 Audubon Road
Building 2, Suite 300
Wakefield, MA 01880
css@cssarchitects.com

GALE
Gale Associates, Inc.
300 LEDGEWOOD PLACE | ROCKLAND, MA
02370 P 781.335.6465 F 781.335.6467
www.galeinc.com

STAMP

Title:
**LAYOUT &
MATERIALS PLAN
(BASE BID) AND
(ALTERNATES 1&2)**

Scale: 1" = 20'

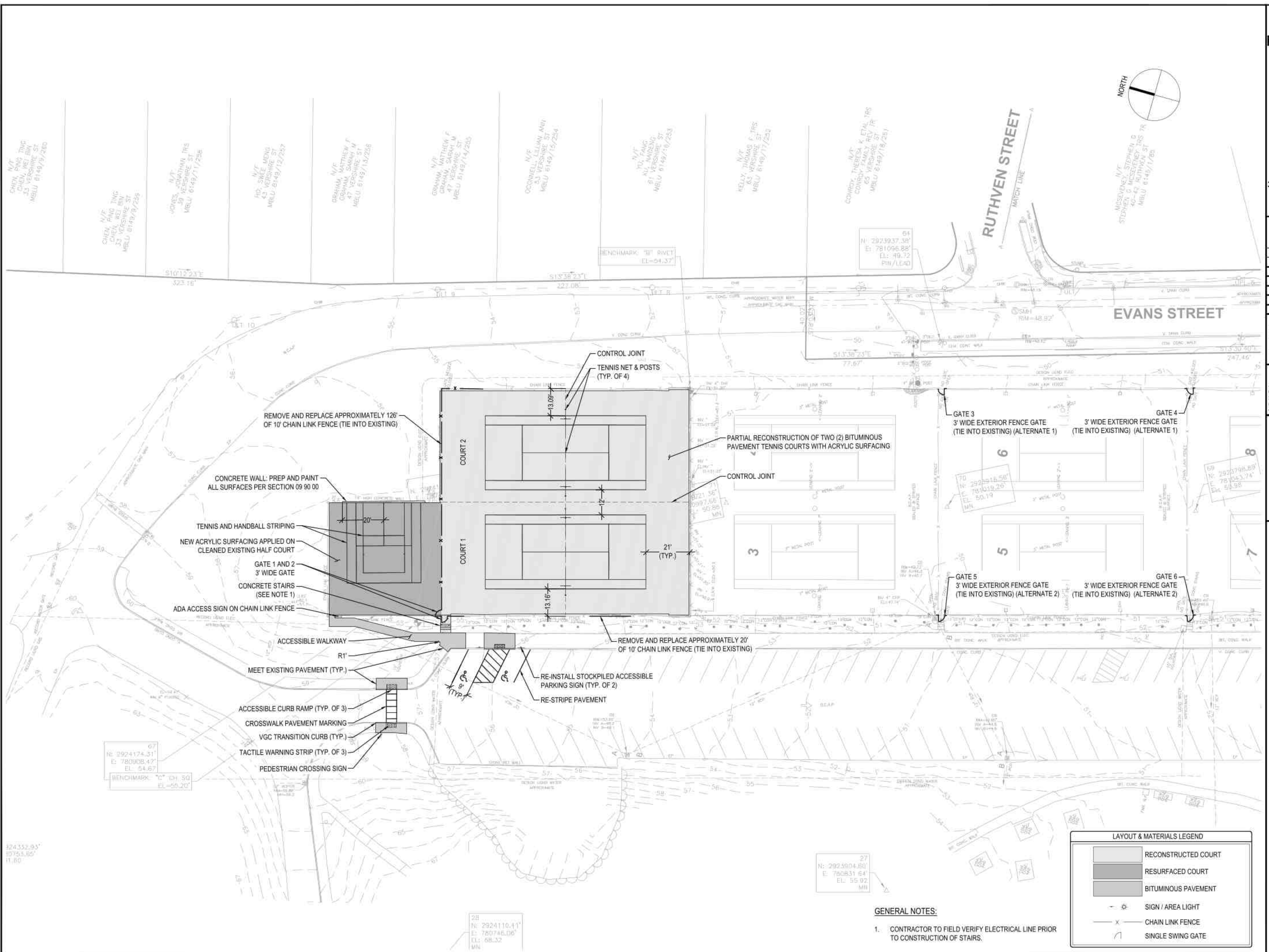
Date: 11/7/2024

Drawn: KMR

Checked: MPN

Project No: 1318

C101



BENCHMARK "C" CH 50
E: 780908.47
EL: 54.67

27
N: 2923004.80
E: 780831.64
EL: 55.92
MB

28
N: 2924110.41
E: 780746.06
EL: 68.32
MB

- GENERAL NOTES:**
- CONTRACTOR TO FIELD VERIFY ELECTRICAL LINE PRIOR TO CONSTRUCTION OF STAIRS.

**TENNIS COURTS
RECONSTRUCTION
AT WOLLASTON
RECREATIONAL
FACILITY**

357 WEST SQUANTUM
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QUINCY, MA

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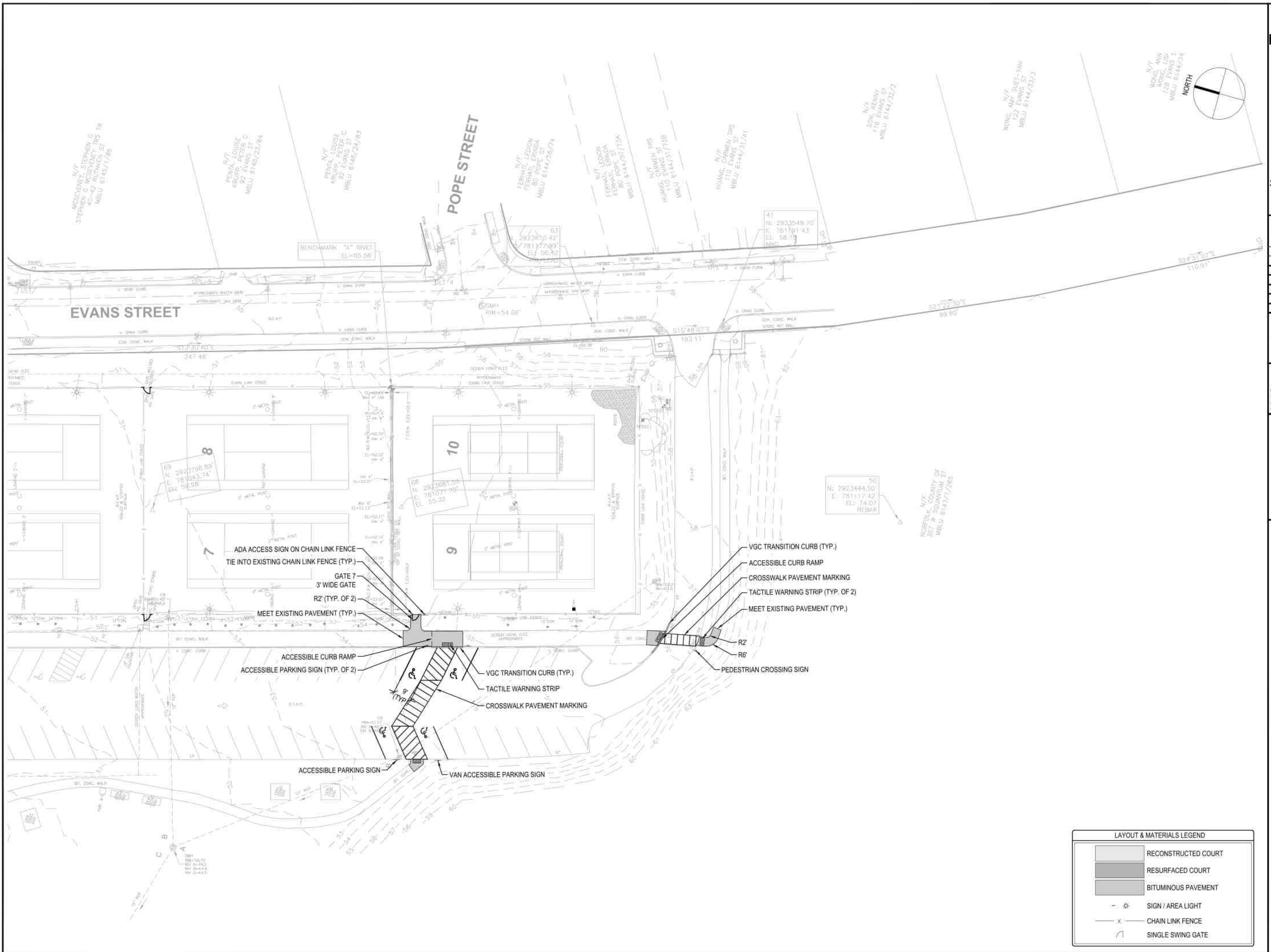

 Gale Associates, Inc.
 300 LEDGWOOD PLACE | ROCKLAND, MA
 02370 P 781.335.6486 F 781.335.6467
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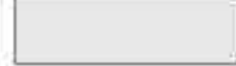

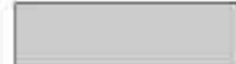



Title:
**LAYOUT &
 MATERIALS PLAN
 (BASE BID)**

Scale: 1" = 20'
 Date: 11/7/2024
 Drawn: KMR
 Checked: MPN
 Project No: 1318

C102



LAYOUT & MATERIALS LEGEND

	RECONSTRUCTED COURT
	RESURFACED COURT
	BITUMINOUS PAVEMENT
	SIGN / AREA LIGHT
	CHAIN LINK FENCE
	SINGLE SWING GATE

**TENNIS COURTS
RECONSTRUCTION
AT WOLLASTON
RECREATIONAL
FACILITY**

357 WEST SQUANTUM
STREET
QUINCY, MA

Revisions

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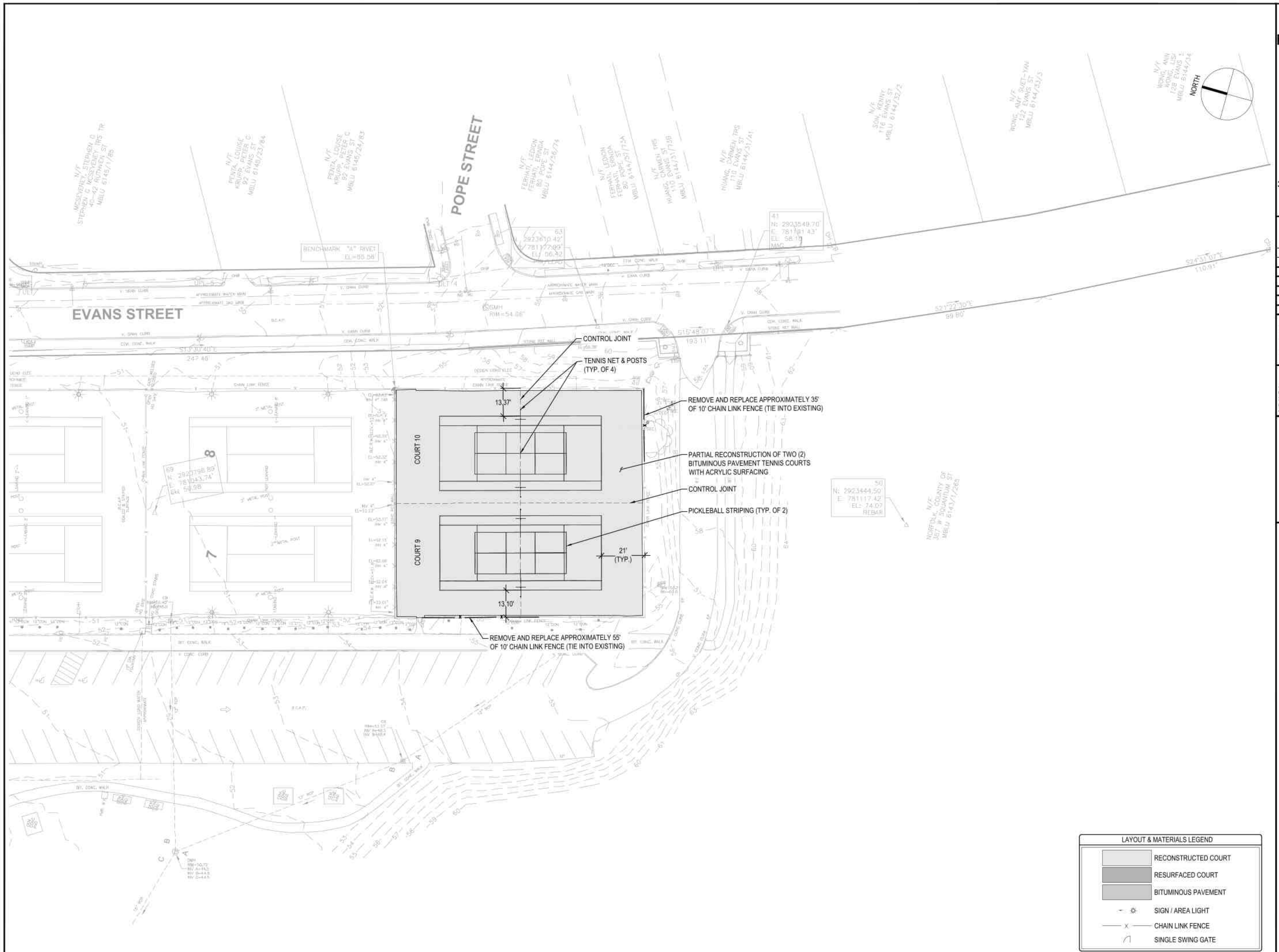

 Gale Associates, Inc.
 300 LEDGWOOD PLACE | ROCKLAND, MA
 02370 P 781.335.6485 F 781.335.6467
 www.gainc.com

STAMP

Title:
**LAYOUT &
 MATERIALS PLAN
 (ALTERNATE 3)**

Scale: 1" = 20'
 Date: 11/7/2024
 Drawn: KMR
 Checked: MPN
 Project No: 1318

C102A



**TENNIS COURTS
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css@cssarchitects.com

GALE
Gale Associates, Inc.
300 LEDGWOOD PLACE | ROCKLAND, MA
02370 P 781.335.6465 F 781.335.6467
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STAMP

Title:
**GRADING &
DRAINAGE PLAN
(BASE BID)**

Scale: 1" = 20'

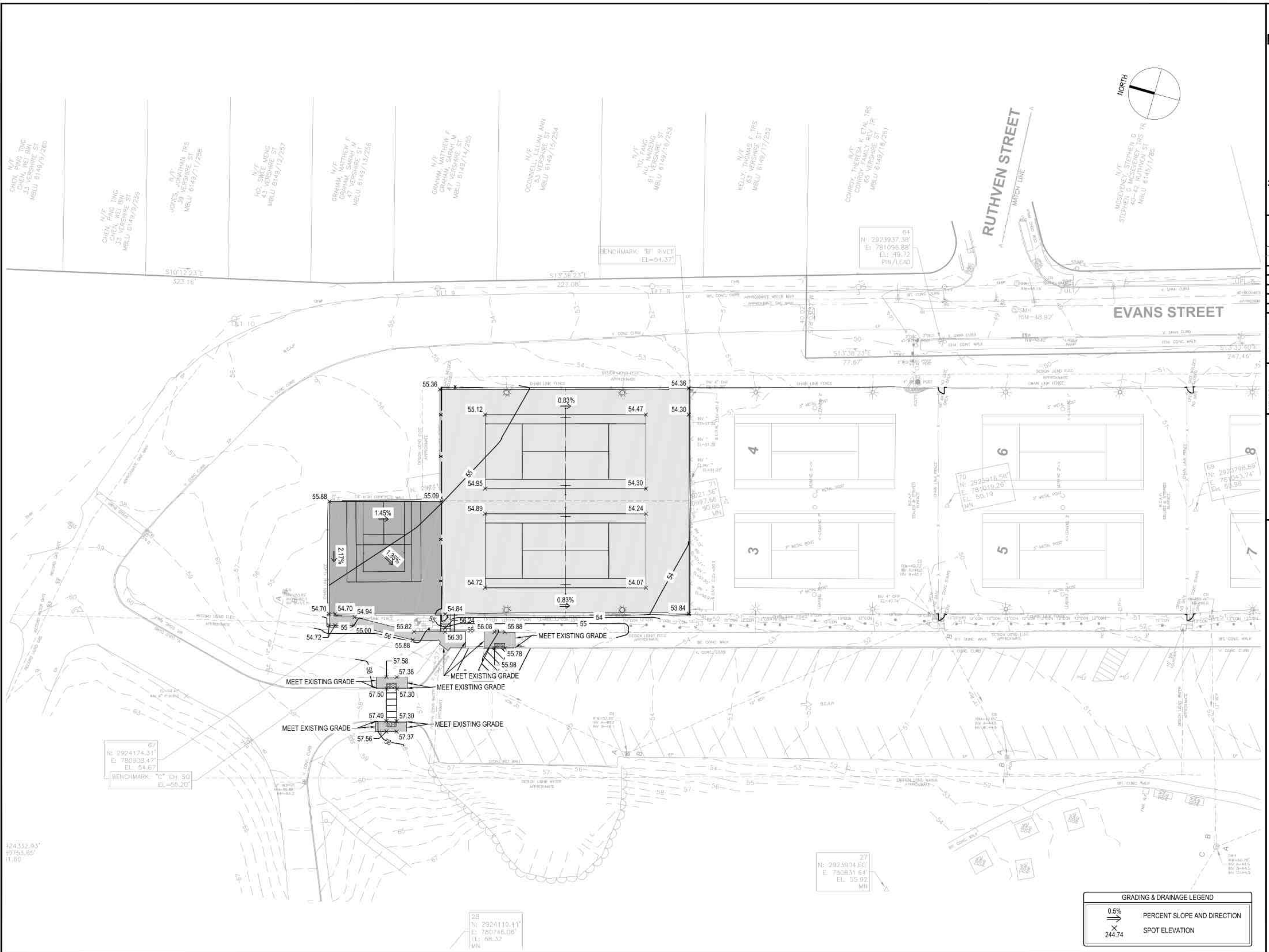
Date: 11/7/2024

Drawn: KMR

Checked: MPN

Project No: 1318

C201



**TENNIS COURTS
RECONSTRUCTION
AT WOLLASTON
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STAMP

Title:
**GRADING &
 DRAINAGE PLAN
 (BASE BID)**

Scale: 1" = 20'

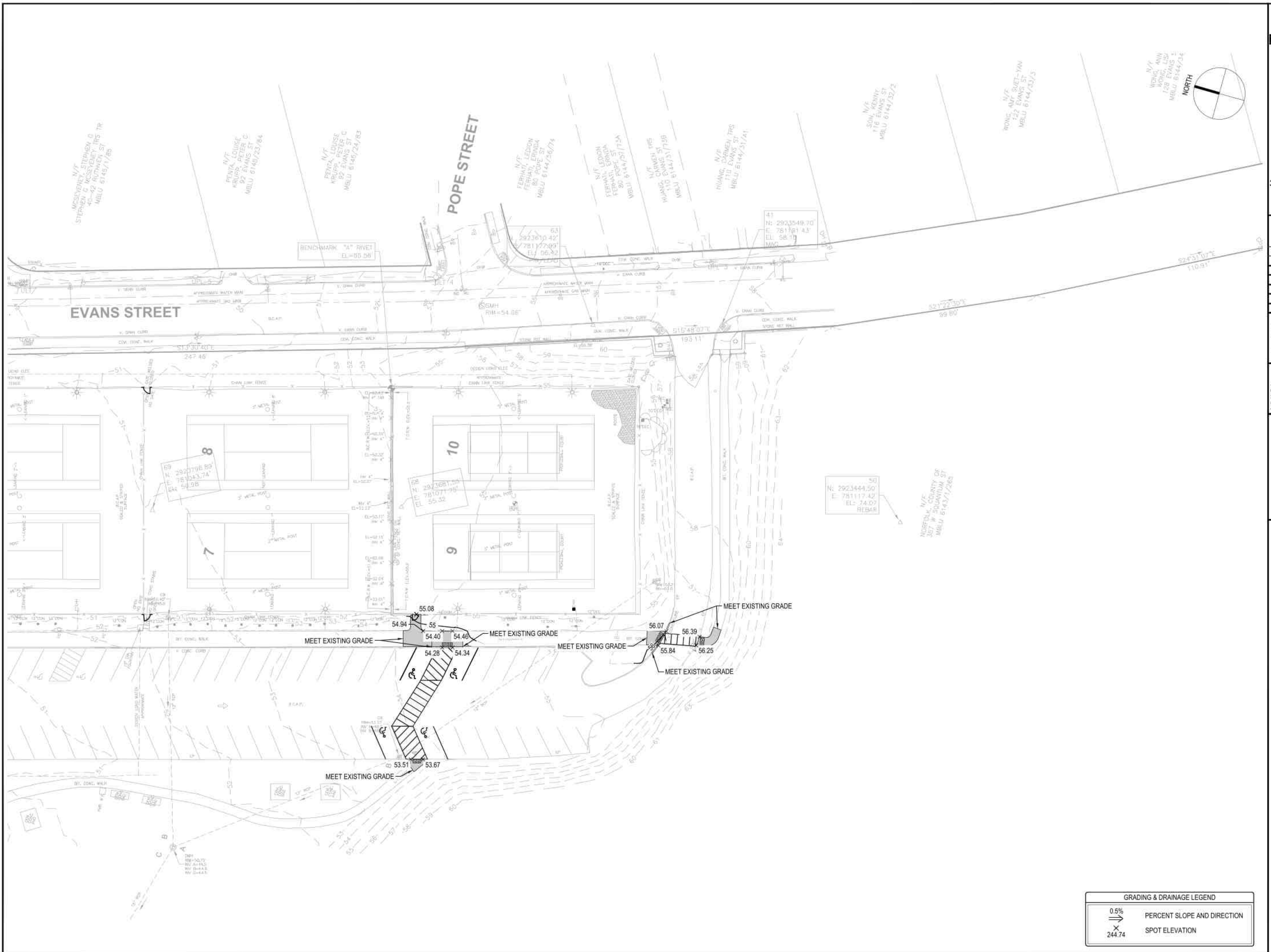
Date: 11/7/2024

Drawn: KMR

Checked: MPN

Project No: 1318

C202



**TENNIS COURTS
RECONSTRUCTION
AT WOLLASTON
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FACILITY**

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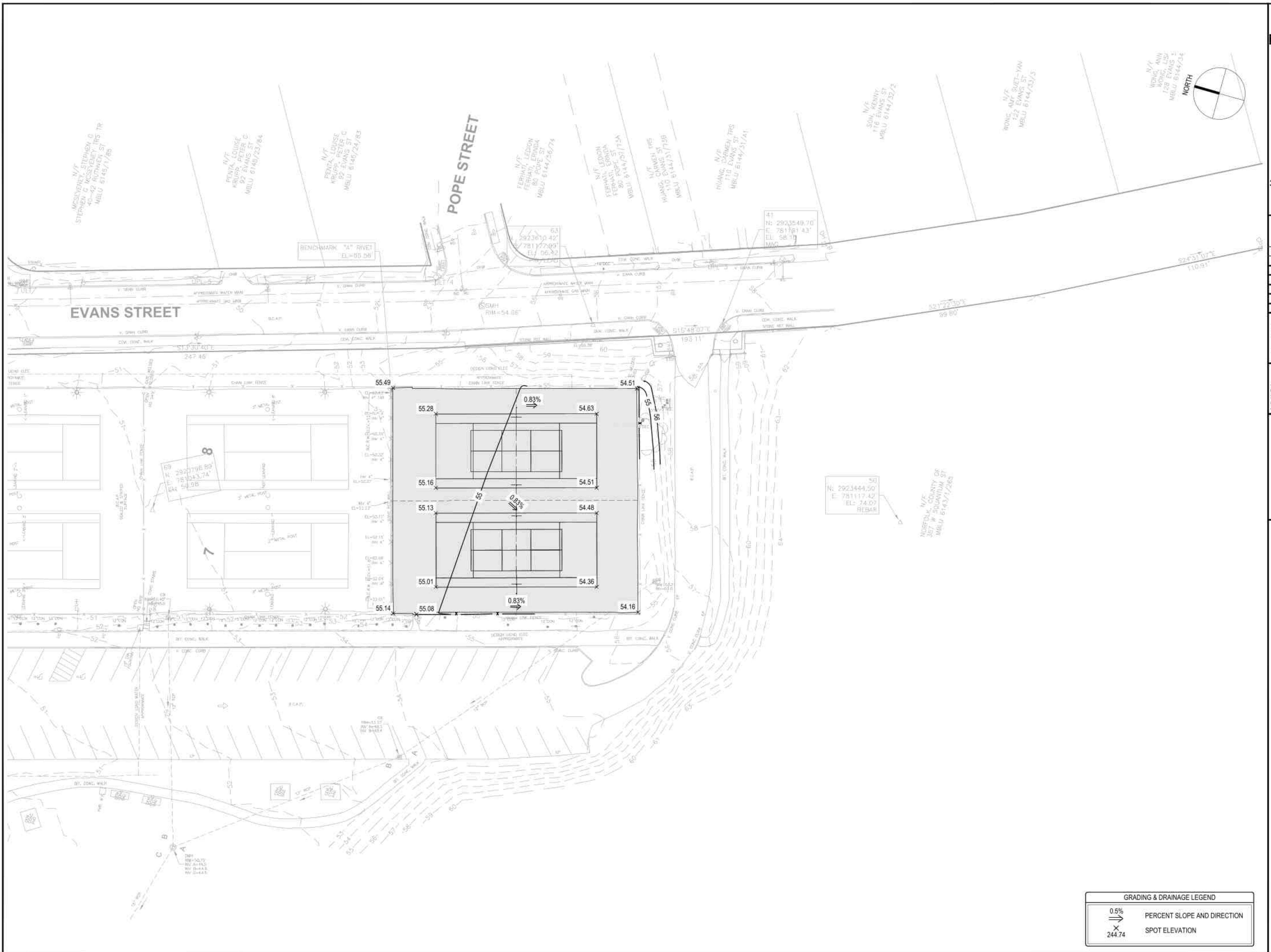

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STAMP

Title:
**GRADING &
 DRAINAGE PLAN
 (ALTERNATE 3)**

Scale: 1" = 20'
 Date: 11/7/2024
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 Checked: MPN
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C202A



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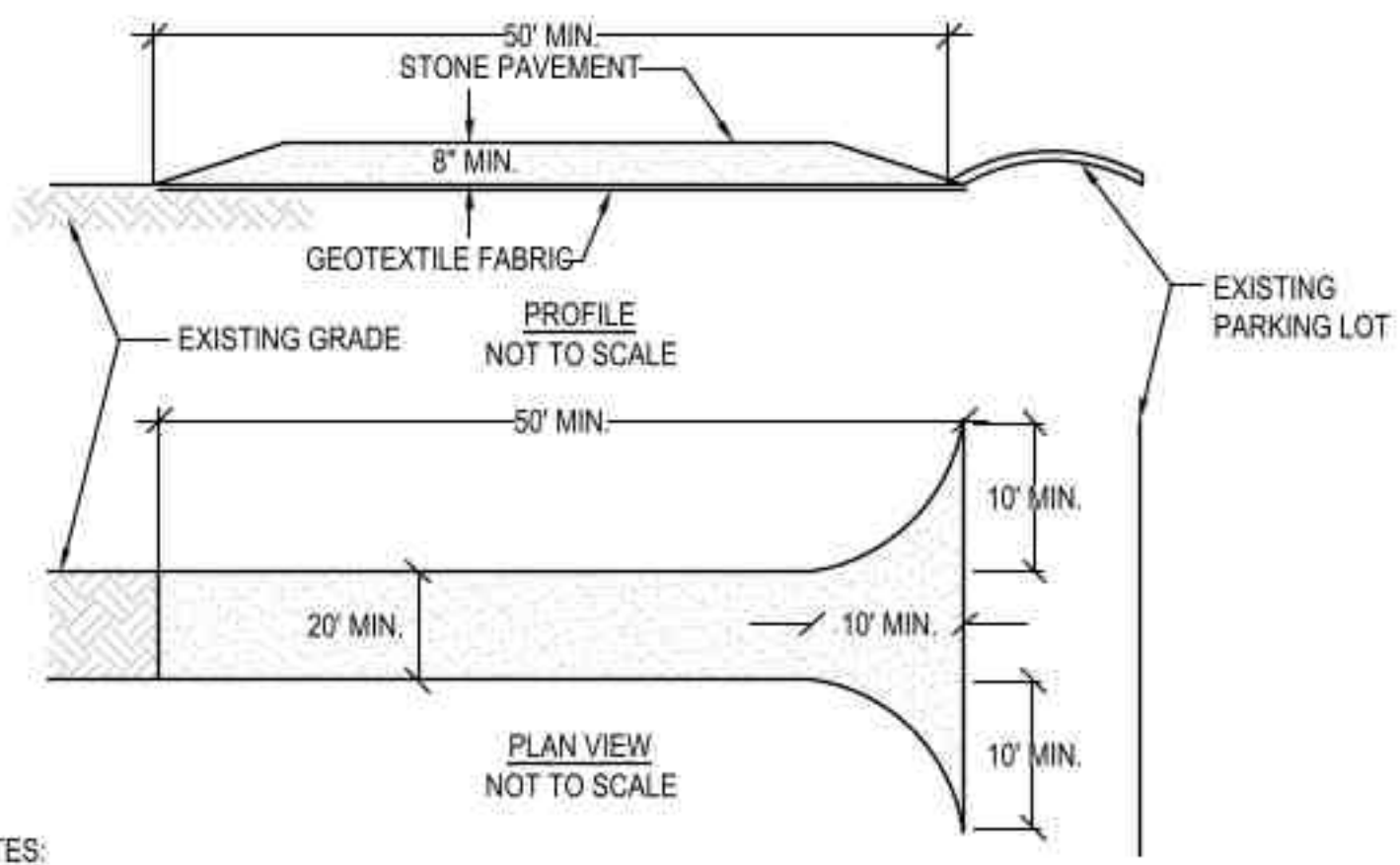
GALE
Gale Associates, Inc.
300 LEDGEWOOD PLACE | ROCKLAND, MA
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STAMP

Title:
DETAILS

Scale: N.T.S.
Date: 11/7/2024
Drawn: KMR
Checked: MPN
Project No: 1318

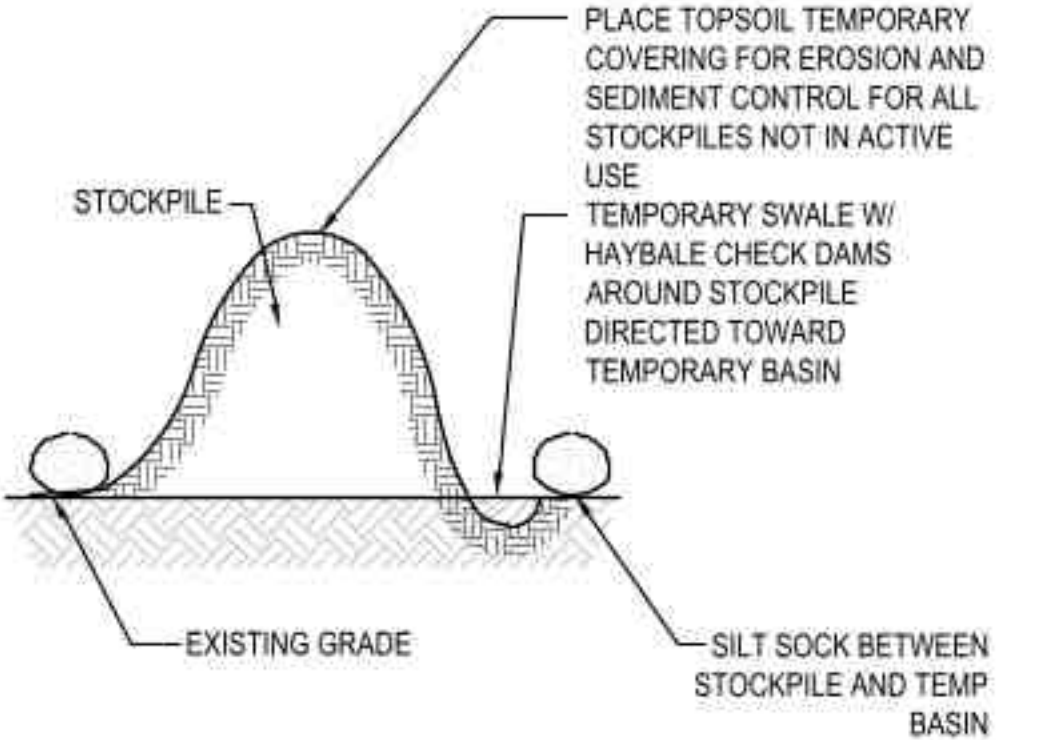
C501



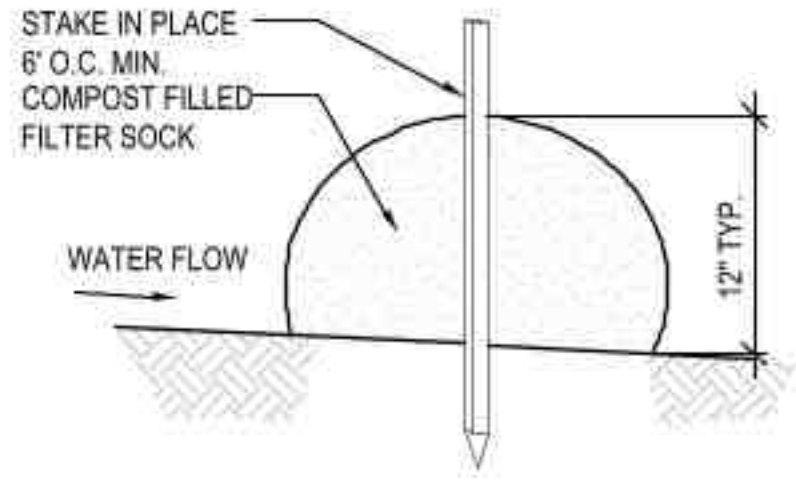
NOTES:

1. STONE SIZE - USE 2" STONE, OR RECLAIMED OR RECYCLED CONCRETE EQUIVALENT.
2. LENGTH - NOT LESS THAN 40 FEET.
3. THICKNESS - NOT LESS THAN (8) INCHES.
4. WIDTH - TWENTY (20) MINIMUM, BUT NOT LESS THAN THE FULL WIDTH AT POINTS WHERE INGRESS OR EGRESS OCCURS. TWENTY-FOUR (24) FOOT IF SINGLE ENTRANCE TO SITE.
5. GEOTEXTILE FABRIC - WILL BE PLACED OVER THE ENTIRE AREA PRIOR TO PLACING OF STONE. GEOTEXTILE FABRIC SHALL BE MIRIFI 500X WOVEN FABRIC OR APPROVED EQUAL.
6. SURFACE WATER - ALL SURFACE WATER FLOWING OR DIVERTED TOWARD CONSTRUCTION ENTRANCES SHALL BE PIPED ACROSS THE ENTRANCE. IF PIPING IS IMPRACTICAL, A MOUNTABLE BERM WITH 5:1 SLOPES WILL BE PERMITTED.
7. 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.
8. WHEN WASHING IS REQUIRED, IT SHALL BE DONE ON AN AREA STABILIZED WITH STONE AND WHICH DRAINS INTO AN APPROVED SEDIMENT TRAPPING DEVICE.
9. PERIODIC INSPECTION AND NEEDED MAINTENANCE SHALL BE PROVIDED AFTER EACH RAIN.

1 STABILIZED CONSTRUCTION ENTRANCE
N.T.S.



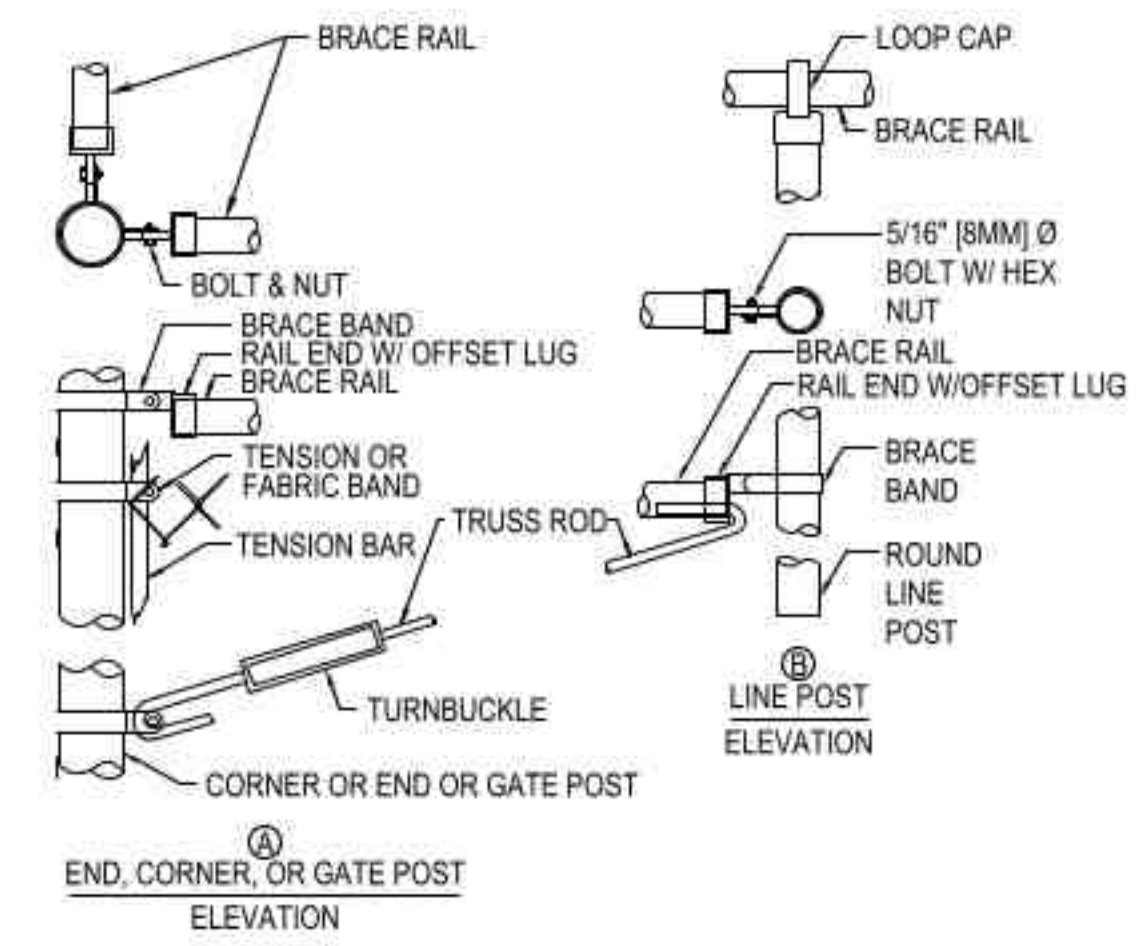
2 MATERIAL STOCKPILE AREA
N.T.S.



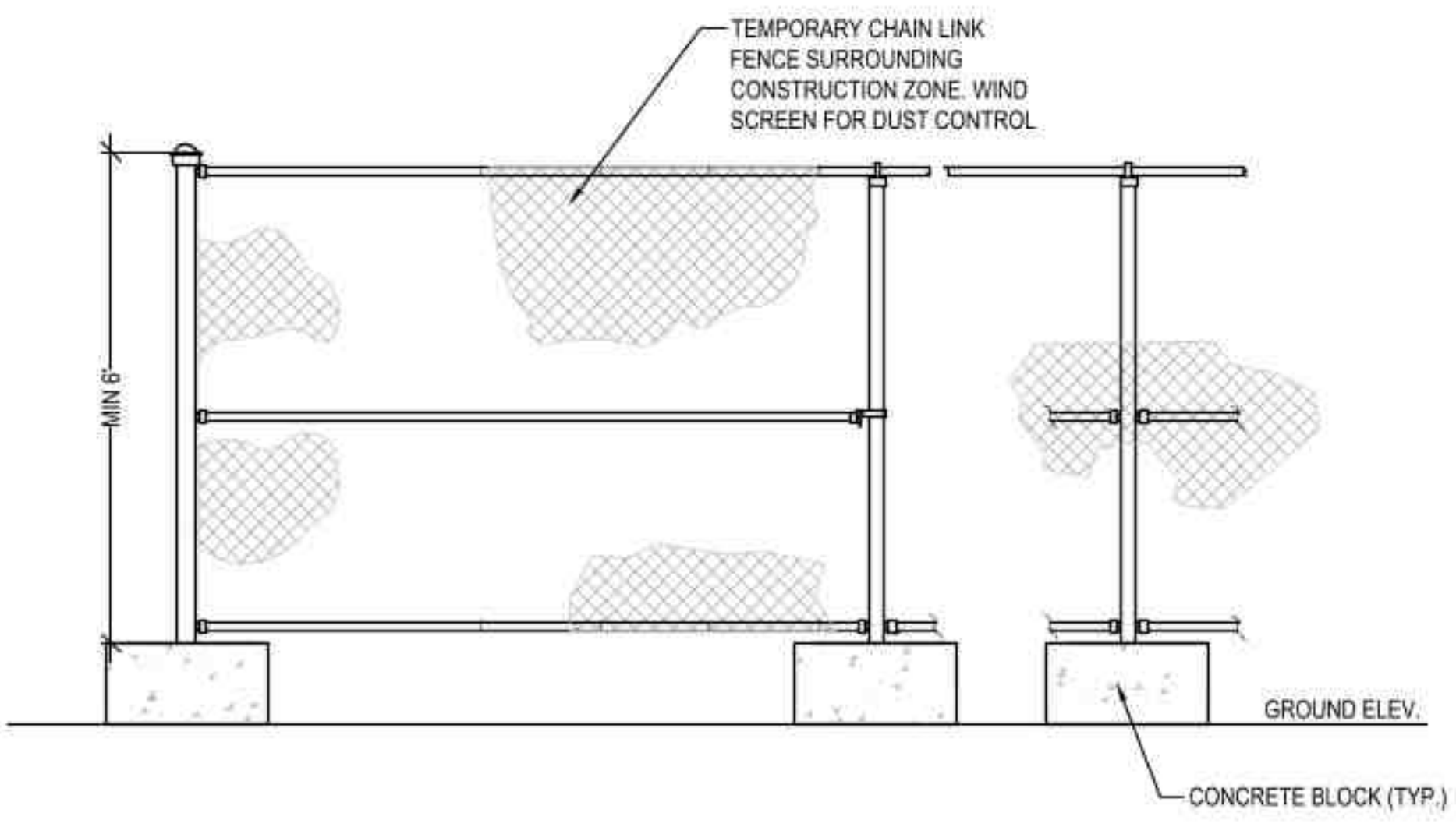
NOTES:

1. THE CONTRACTOR SHALL MAINTAIN THE EROSION CONTROL BERM IN A FUNCTIONAL CONDITION AT ALL TIMES AND IT SHALL BE ROUTINELY INSPECTED.
2. WHERE THE BERM REQUIRES REPAIR, IT SHALL BE ROUTINELY REPAIRED.
3. THE CONTRACTOR SHALL REMOVE SEDIMENTS COLLECTED AT THE BASE OF THE BERM WHEN THEY REACH 1/3 OF THE EXPOSED HEIGHT OF THE BERM, OR AS DIRECTED BY THE ENGINEER.

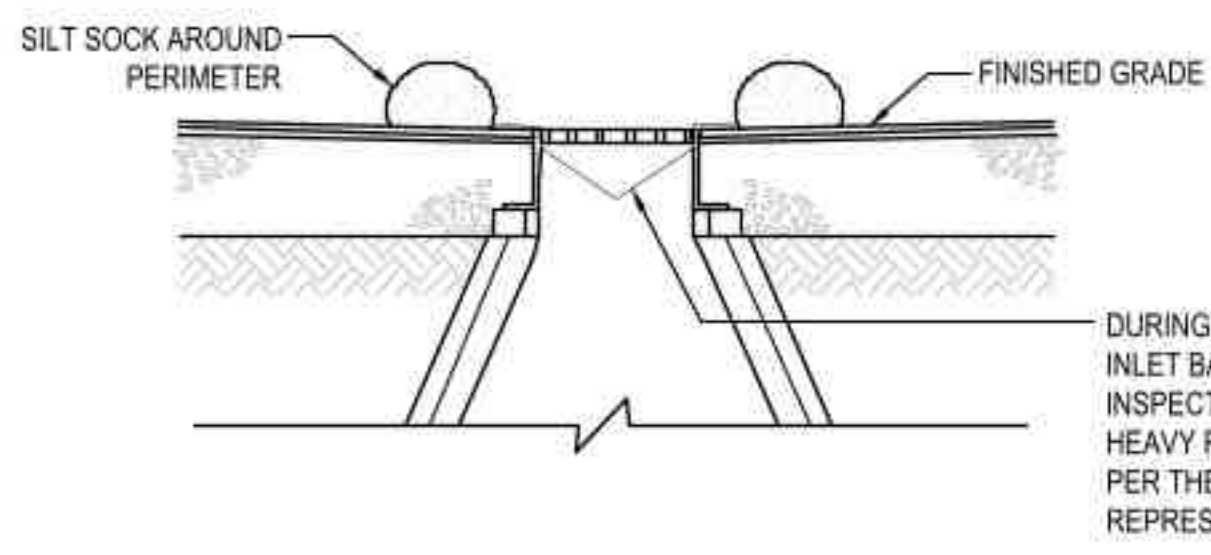
3 SILT SOCK EROSION CONTROL
N.T.S.



4 CHAIN LINK FENCE & GATE CONNECTION DETAIL
N.T.S.

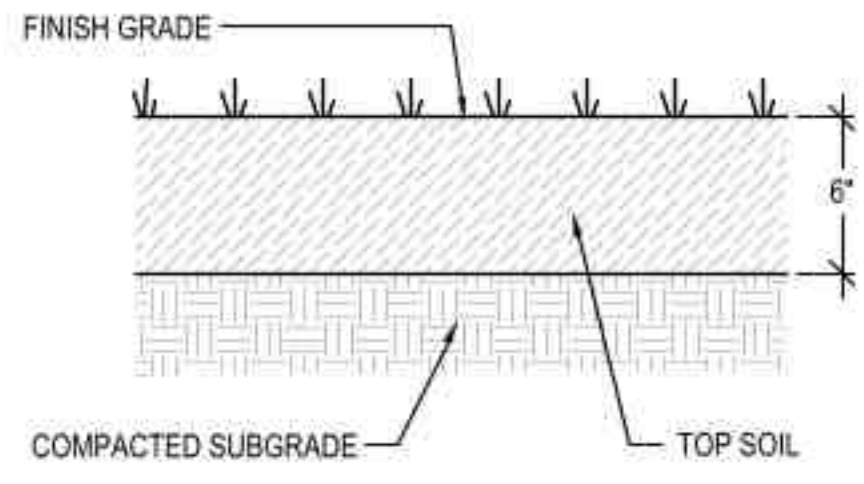


5 TEMPORARY CONSTRUCTION FENCE
N.T.S.

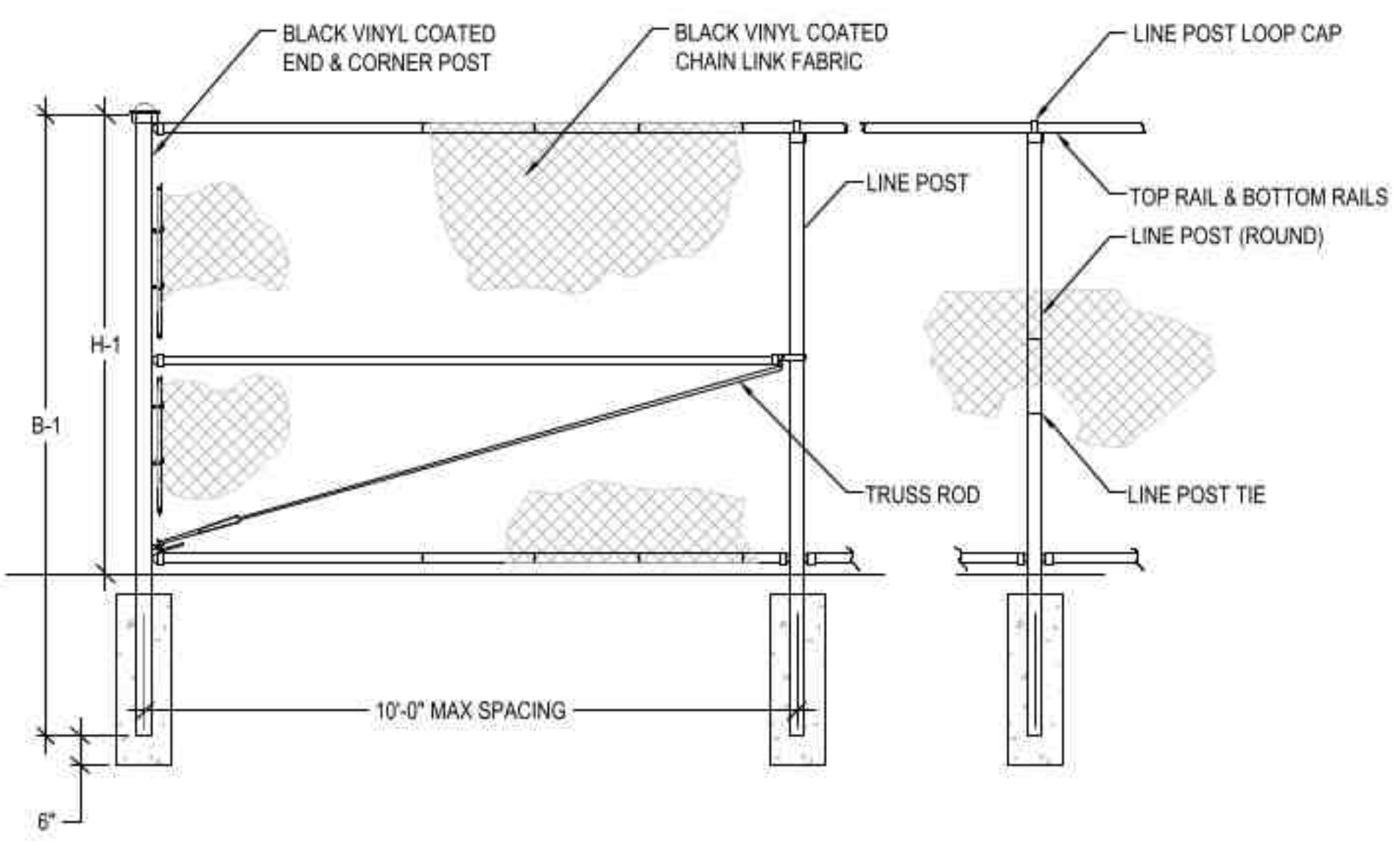


DURING CONSTRUCTION, INSTALL AND MAINTAIN INLET BASKETS TO TRAP SEDIMENT IN RUNOFF. INSPECTION SHALL TAKE PLACE AFTER EACH HEAVY RAIN EVENT AND REPLACEMENT SHALL BE PER THE DIRECTION OF THE OWNER'S REPRESENTATIVE.

6 INLET PROTECTION / SILT SACK
N.T.S.



7 LOAM & SEED (DISTURBED AREAS)
N.T.S.



8 CHAIN LINK FENCE
N.T.S.

**TENNIS COURTS
RECONSTRUCTION
AT WOLLASTON
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357 WEST SQUANTUM
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CSS 107 Audubon Road
Building 2, Suite 300
Wakefield, MA 01880
css@cssarchitects.com

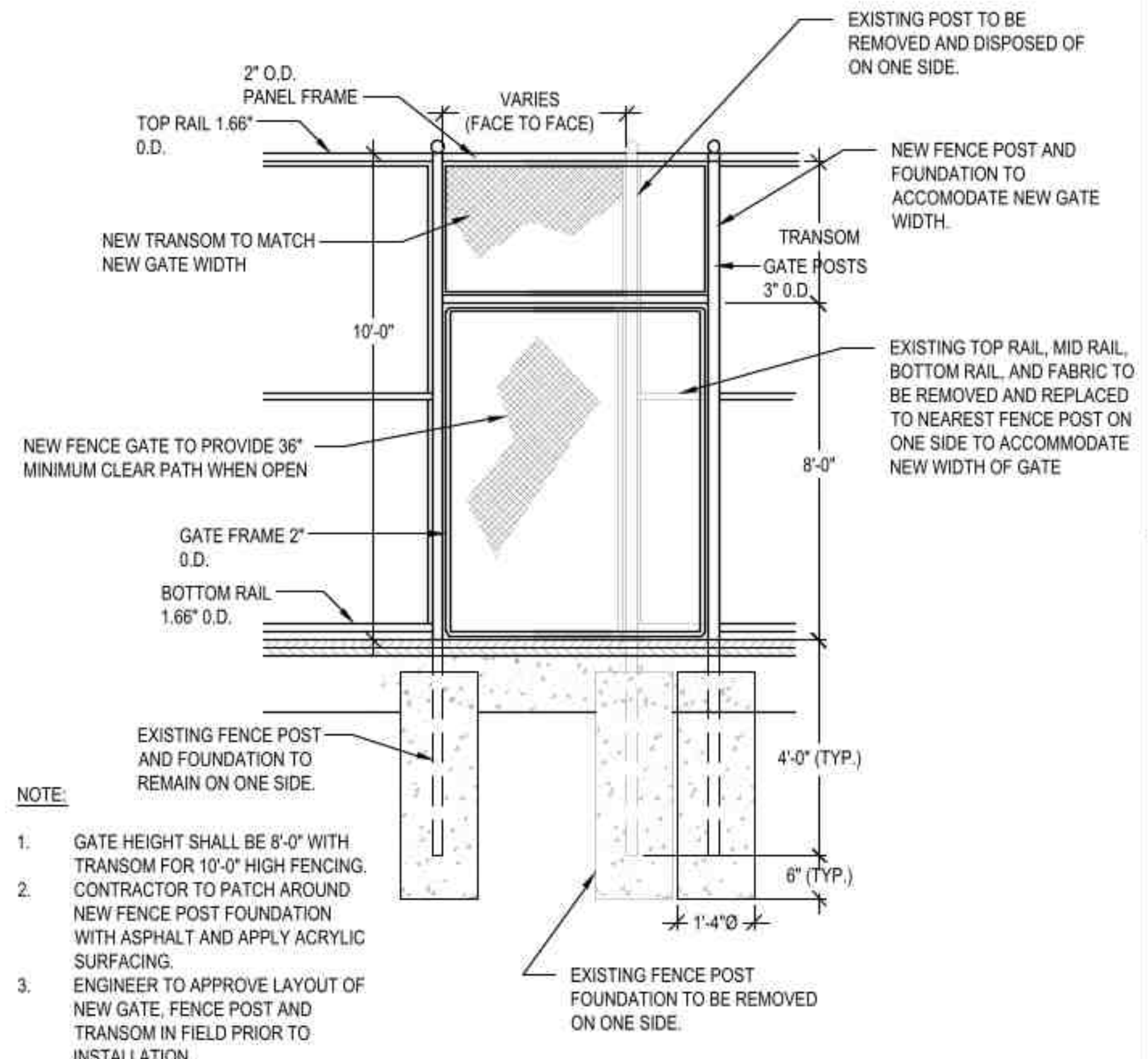
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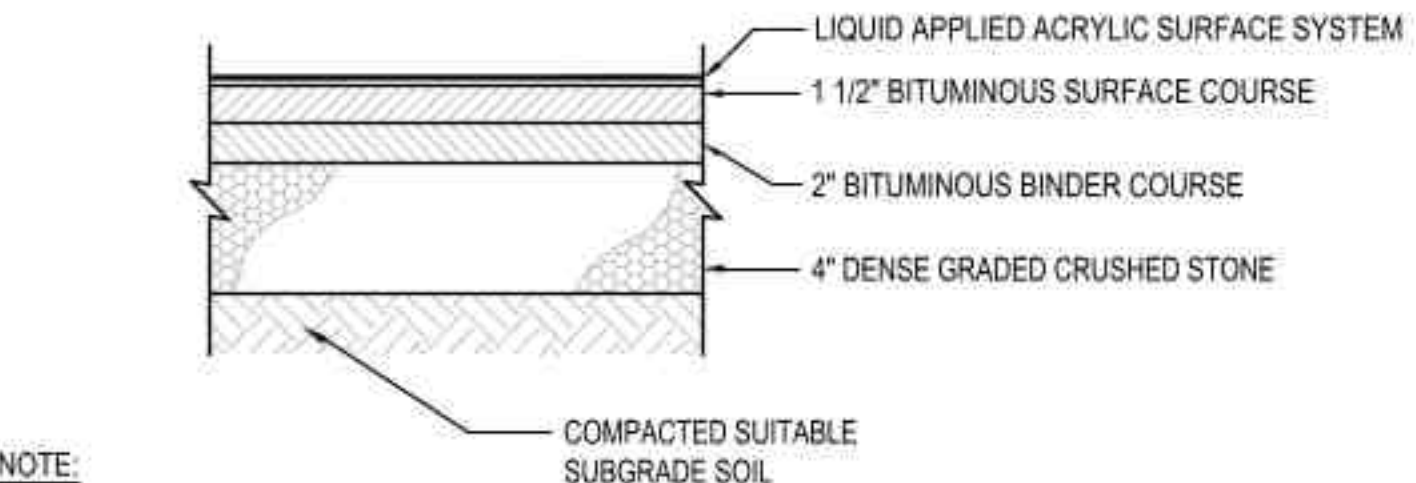
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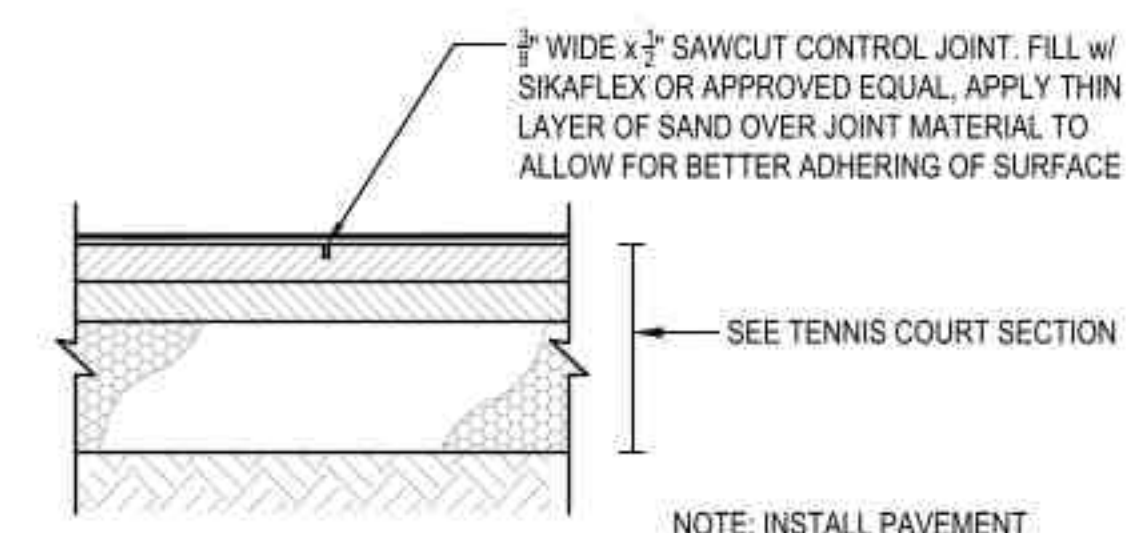


1 SINGLE LEAF GATE @ TENNIS COURTS
N.T.S.



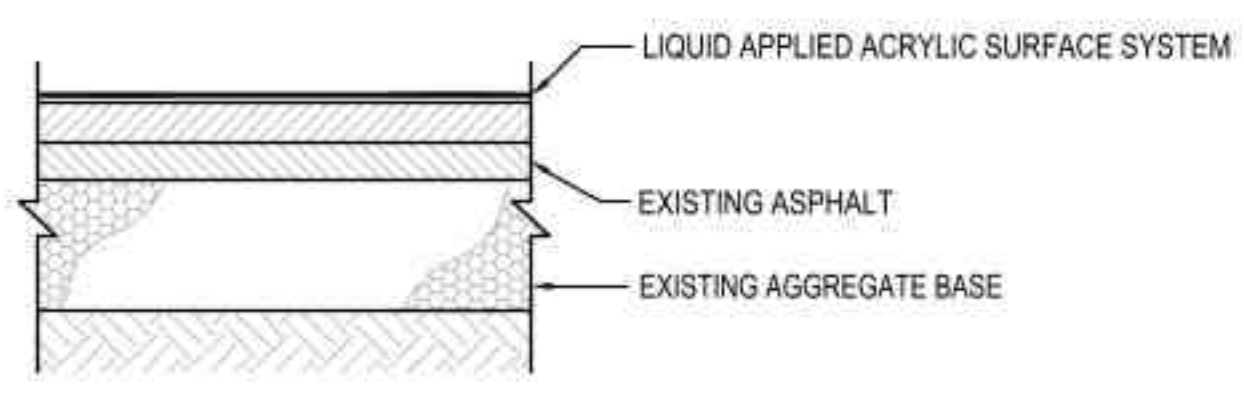
- NOTE:**
- BINDER COURSE AND SURFACE COURSES SHALL BE INSTALLED PERPENDICULAR TO EACH OTHER.
 - TENNIS COURT BITUMINOUS CONCRETE SHALL CONTAIN 0% RECYCLED ASPHALT AND 0% RECYCLED SHINGLES.

2 TENNIS COURT PARTIAL RECONSTRUCTION SECTION (BASE BID AND ALTERNATE 3)
N.T.S.

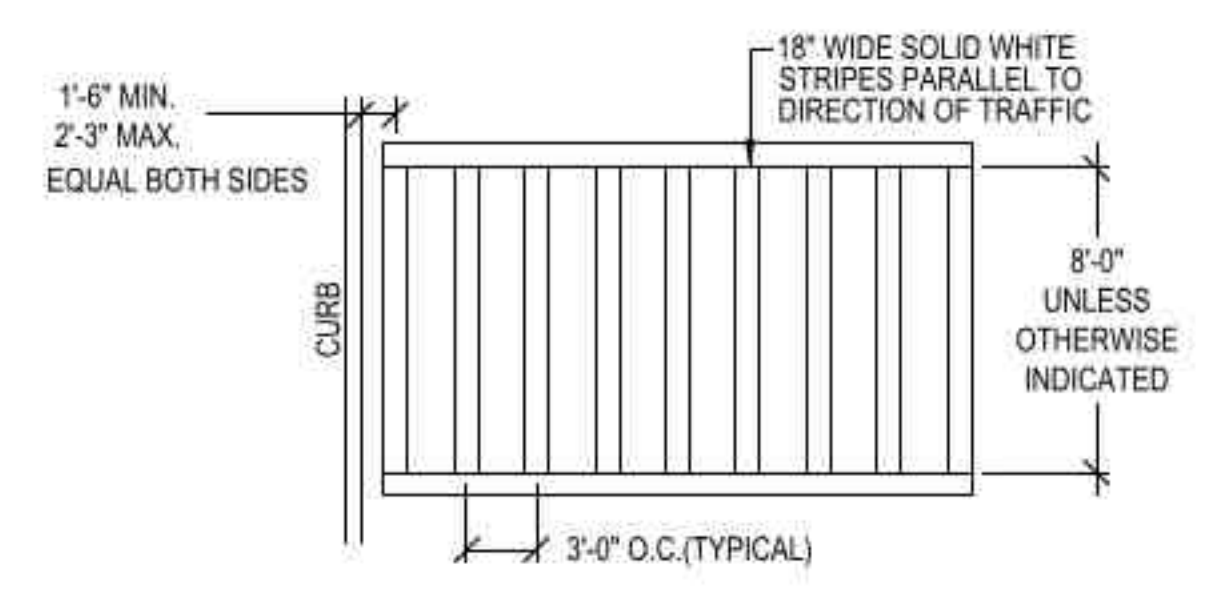


NOTE: INSTALL PAVEMENT CONTROL JOINT BETWEEN EACH COURT AND ALONG NET LINE.

4 TENNIS PAVEMENT CONTROL JOINT
N.T.S.



3 TENNIS COURT RESURFACE SECTION (HALF COURT)
N.T.S.



5 CROSSWALK
N.T.S.

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FENCE HEIGHT	END & CORNER POSTS		LINE POSTS	
	NOMINAL HEIGHT	B-1 BAR LENGTH	H-1 HEIGHT ABOVE GRADE	B-2 BAR LENGTH
4'-0"	7'-0"	4'-0 5/8"	6'-8"	3'-8 7/8"
6'-0"	9'-0"	6'-0 5/8"	8'-8"	5'-8 7/8"
8'-0"	11'-0"	8'-0 5/8"	10'-8"	7'-8 7/8"
10'-0"	13'-0"	10'-0 5/8"	12'-8"	9'-8 7/8"

SINGLE OR DOUBLE LEAF GATES		
NOM HEIGHT (H)	UPRIGHT HT (U)	FRAME HT (F)
	ACTUAL DIM	ACTUAL DIM
4'-0"	3'-10"	3'-8 1/2"
6'-0"	5'-10"	5'-8 1/2"
8'-0"	7'-10"	7'-8 1/2"
10'-0"	9'-10"	9'-8 1/2"

SINGLE LEAF GATES		
OPENING	GATE POSTS	HINGE SPACE (S)
FACE TO FACE	SQ & RND SIZES	POST TO UPRIGHT
3'-0" THROUGH 6'-0"	2 1/2" OR 3" OD	FOR SQUARE & ROUND GATE POSTS: 2 1/4" [57MM]

- NOTES:**
- ALL CHAIN LINK FENCE FABRIC SHALL BE KNUCKLED (TOP AND BOTTOM).
 - ALL CHAIN LINK FENCE POSTS, FABRIC, TIES AND MATERIALS SHALL BE BLACK PVC COATED.
 - CENTER UPRIGHT REQUIRED ON GATE LEAVES 8'-0" & WIDER. CENTER RAIL REQUIRED ON GATE LEAVE 6'-0" & HIGHER.
 - CONCRETE FOOTINGS SHALL BE FOUR (4) X THE POST DIAMETER, OR AS DESIGNATED ON INDIVIDUAL DETAILS.
 - ALL CHAIN LINK FABRIC SHALL BE INSTALLED ON THE COURT SIDE OF THE FENCE.

6 CHAIN LINK FENCE & GATE NOTES
N.T.S.

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CSS ARCHITECTS INC.

CSS 107 Audubon Road
Building 2, Suite 300
Wakefield, MA 01880
css@cscsarchitects.com

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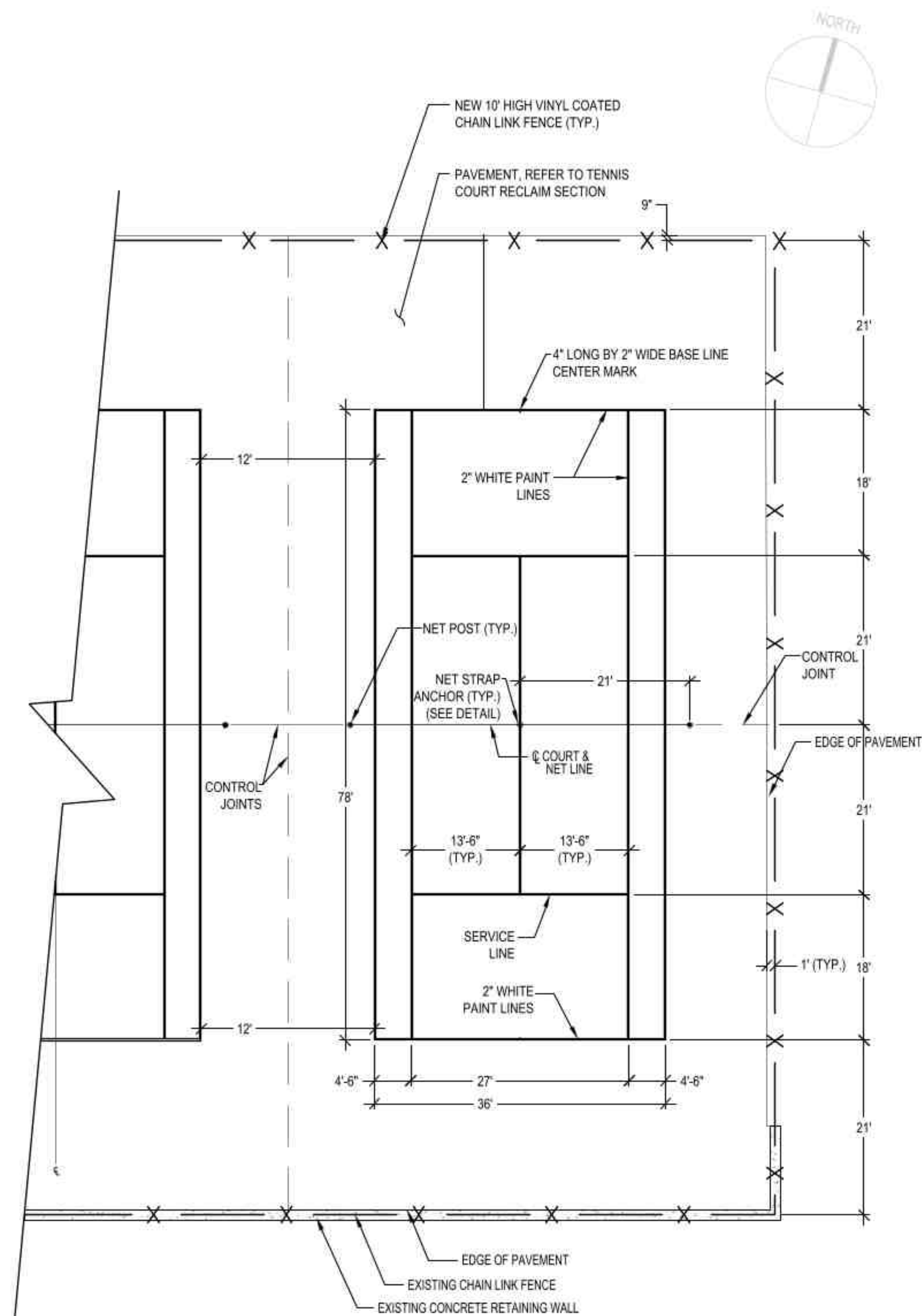
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02370 P 781.335.6465 F 781.335.6467
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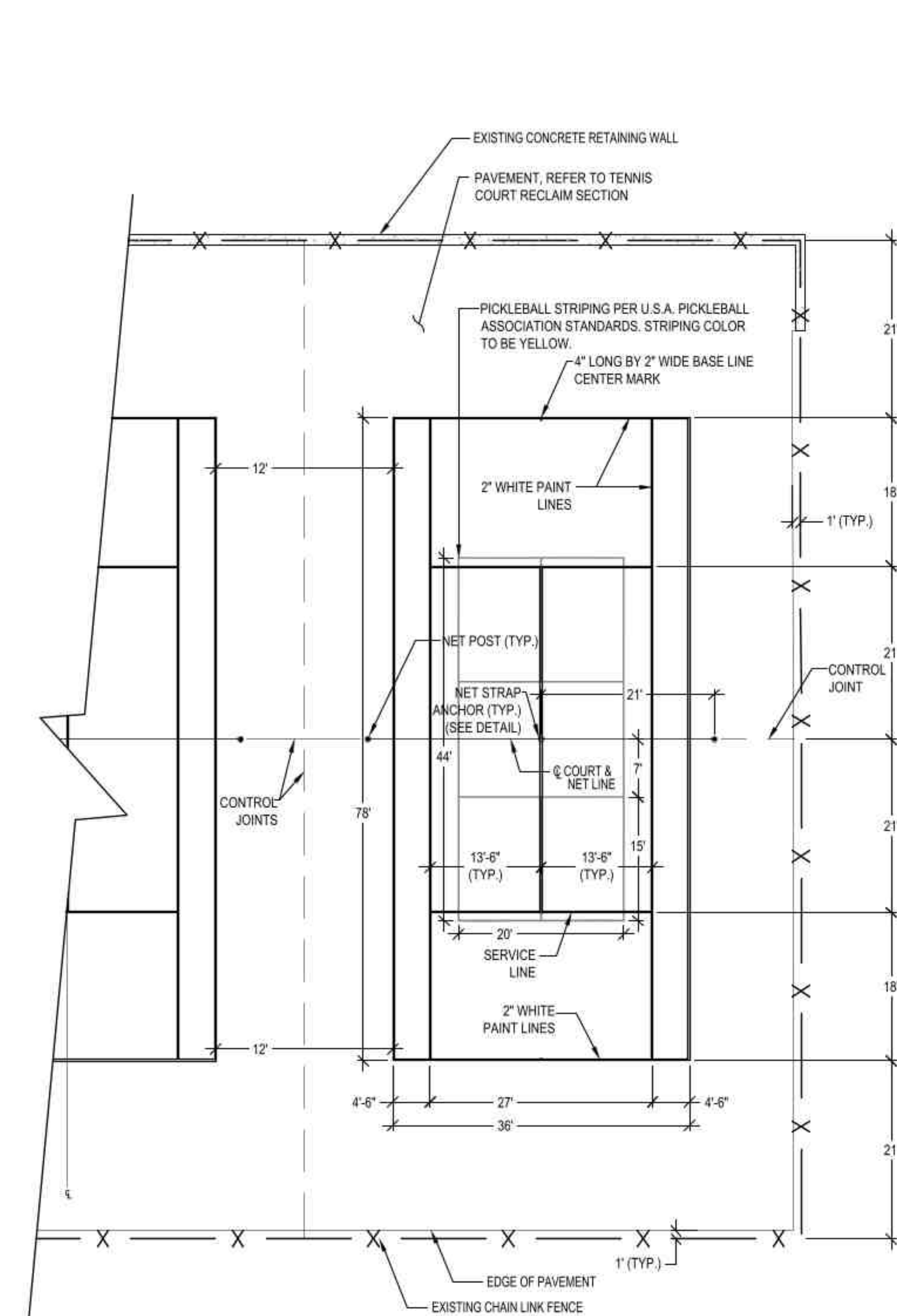
C503



NOTES:

1. NEW TENNIS COURTS TO INCLUDE INSTALLATION OF NEW POSTS, NETS STRAPS W/ ANCHORS AND FENCING.
2. COURT SURFACE COLORS TO BE APPROVED BY OWNER.
3. ALL MEASUREMENTS ARE OUTSIDE TO OUTSIDE OF COURT LINES.
4. ALL FENCE MEASUREMENTS ARE ϵ TO ϵ .
5. CONTRACTOR WILL SUBMIT A SCALED TENNIS MARKING PLAN SHOP DRAWING FOR OWNER APPROVAL.
6. INSTALL CONTROL JOINTS BETWEEN COURTS AND ALONG NET LINES.

1 **36' x 78' STANDARD TENNIS COURT (COURTS 1 AND 2)**
N.T.S.



NOTES:

1. NEW TENNIS COURTS TO INCLUDE INSTALLATION OF NEW POSTS, NETS STRAPS W/ ANCHORS AND FENCING.
2. COURT SURFACE COLORS TO BE APPROVED BY OWNER.
3. ALL MEASUREMENTS ARE OUTSIDE TO OUTSIDE OF COURT LINES.
4. ALL FENCE MEASUREMENTS ARE ϵ TO ϵ .
5. CONTRACTOR WILL SUBMIT A SCALED TENNIS MARKING PLAN SHOP DRAWING FOR OWNER APPROVAL.
6. INSTALL CONTROL JOINTS BETWEEN COURTS AND ALONG NET LINES.

2 **36' x 78' STANDARD TENNIS COURT WITH PICKLEBALL (COURTS 9 AND 10) (ALTERNATE 3)**
N.T.S.

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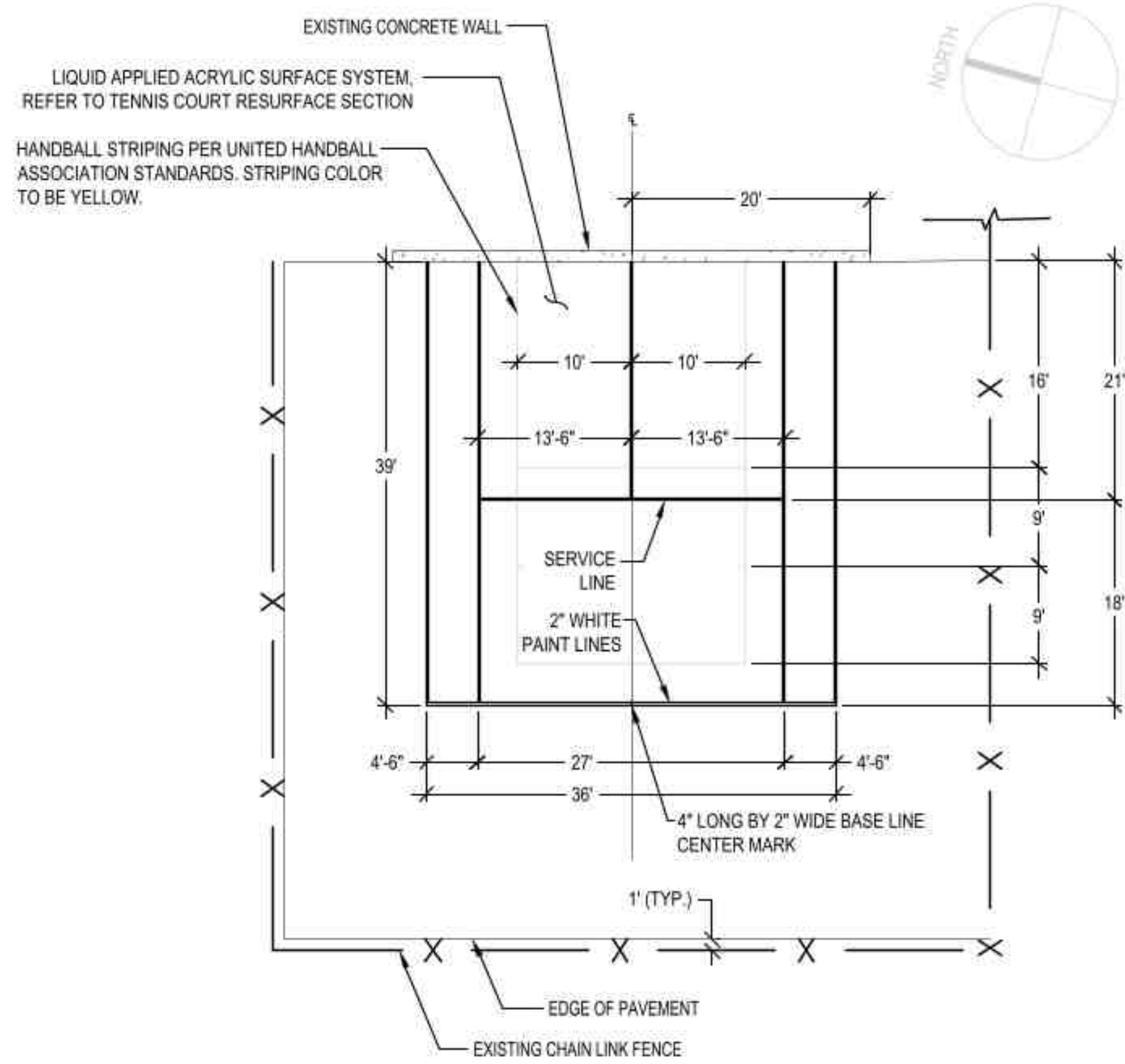
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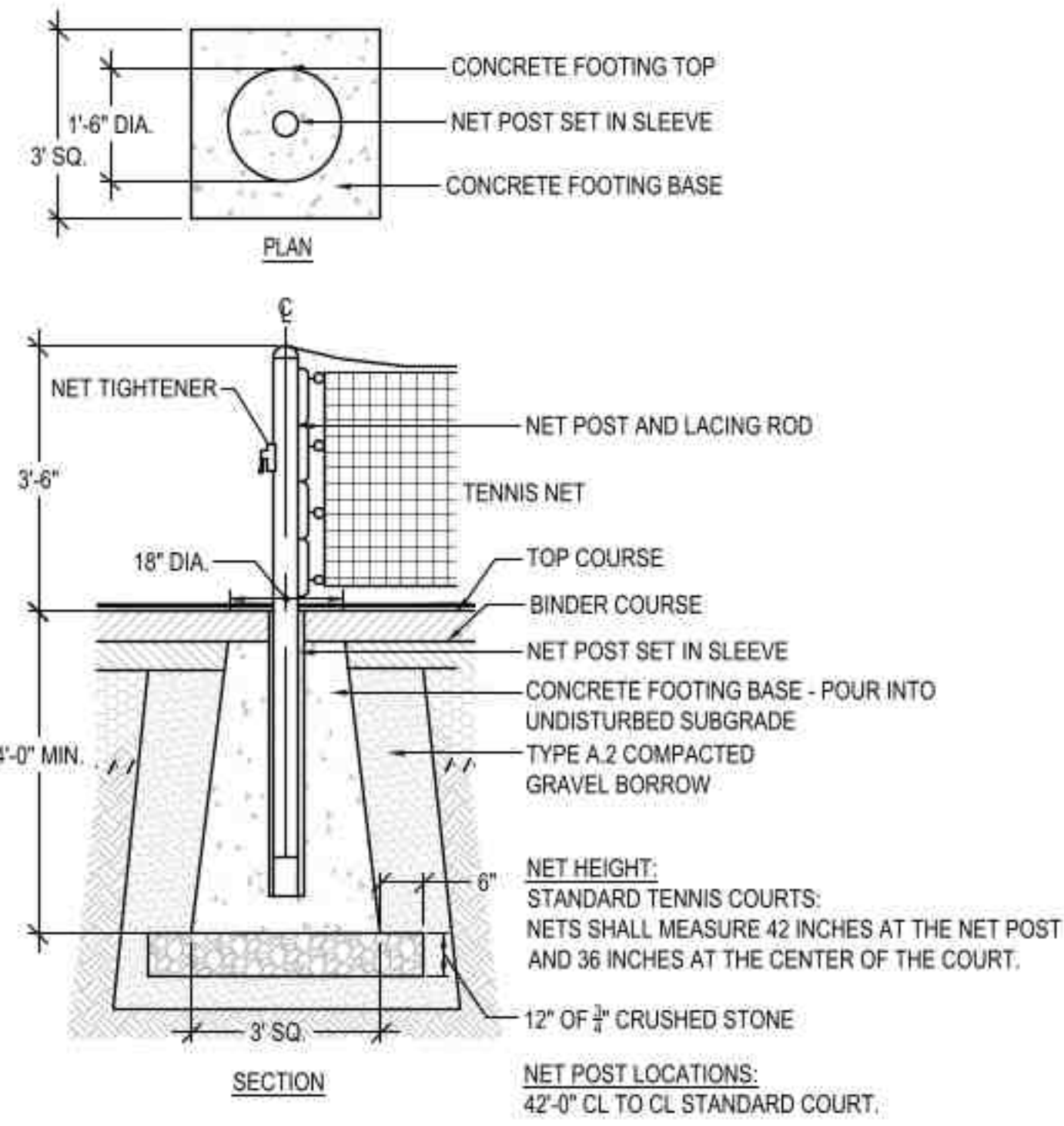
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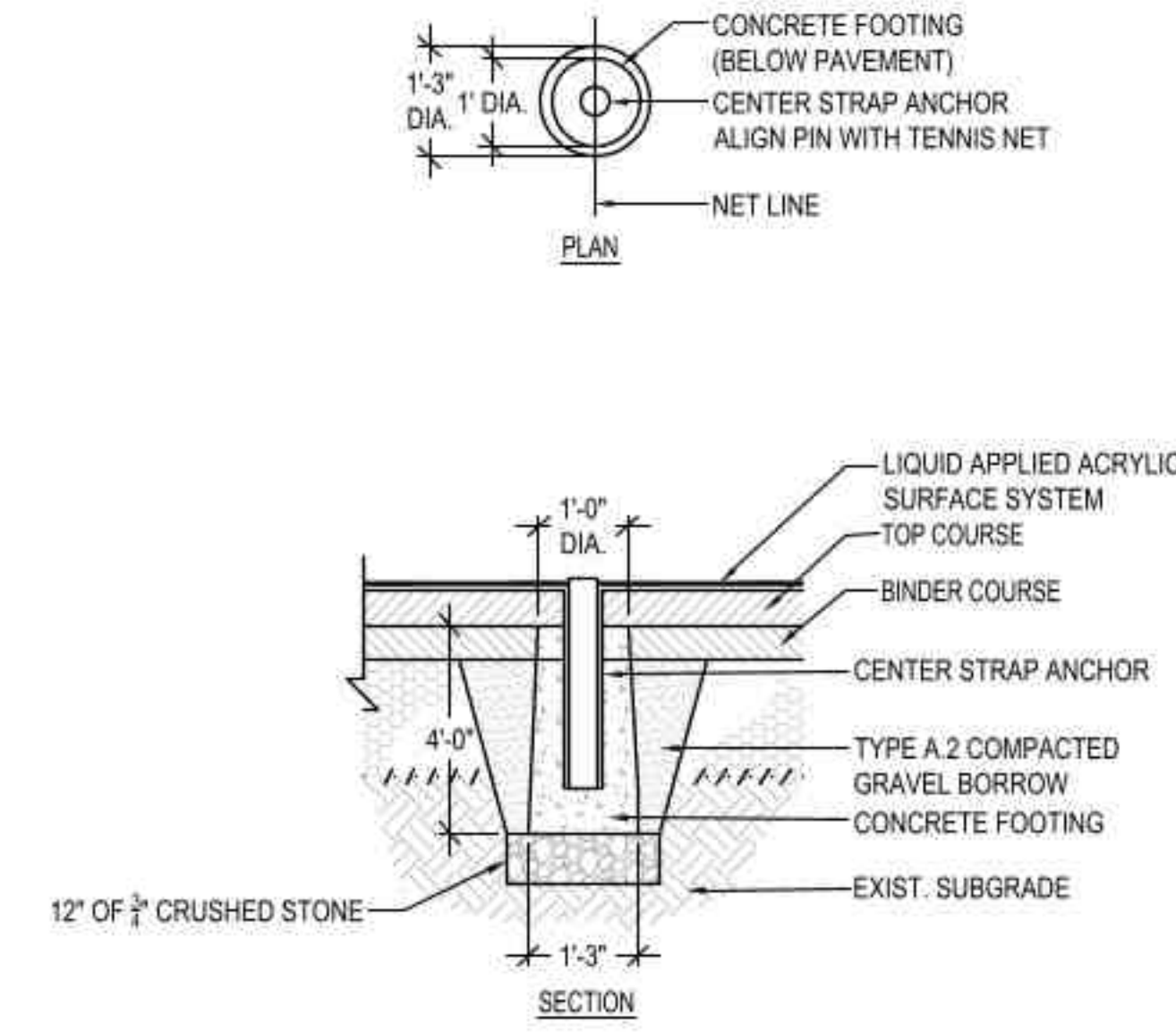
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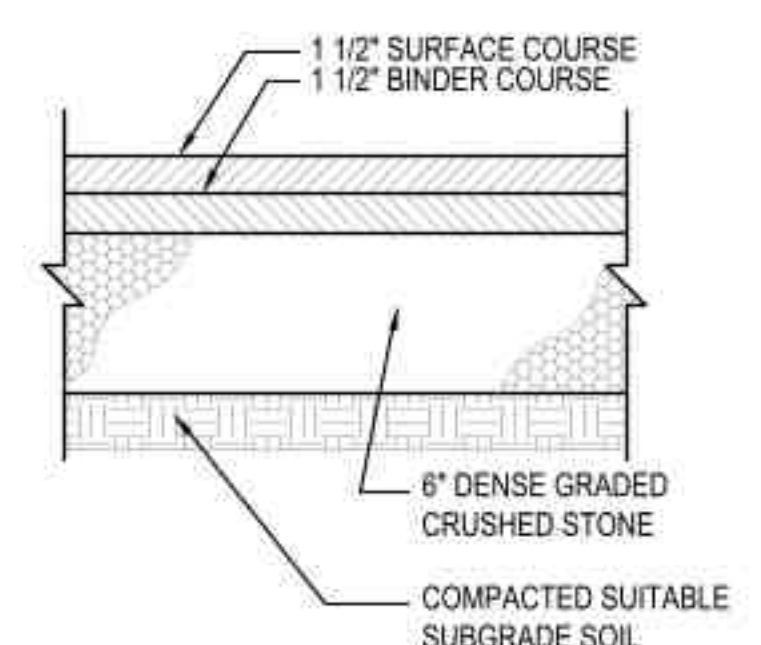
1 HALF TENNIS COURT WITH HANDBALL
N.T.S.



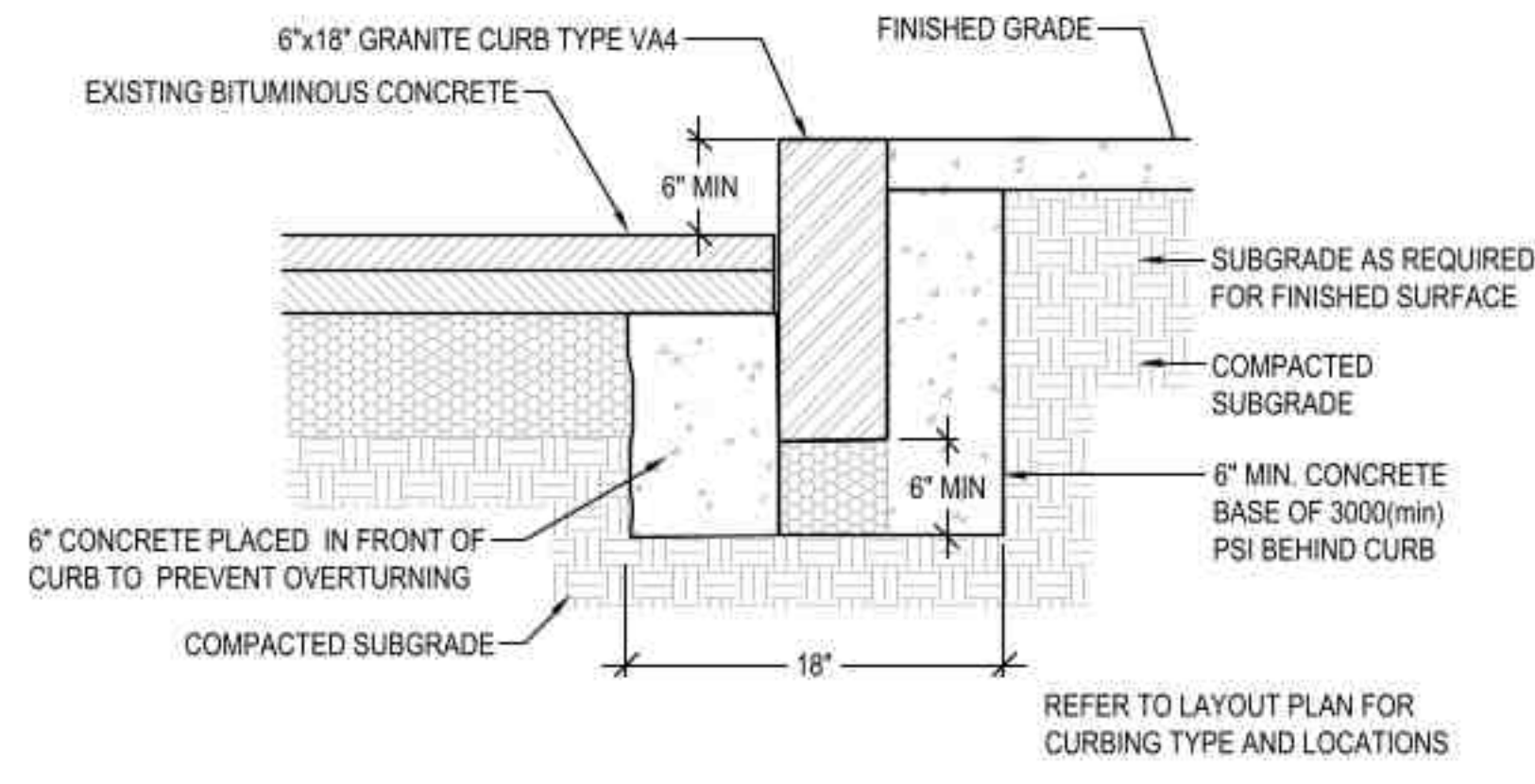
2 TENNIS NET POST
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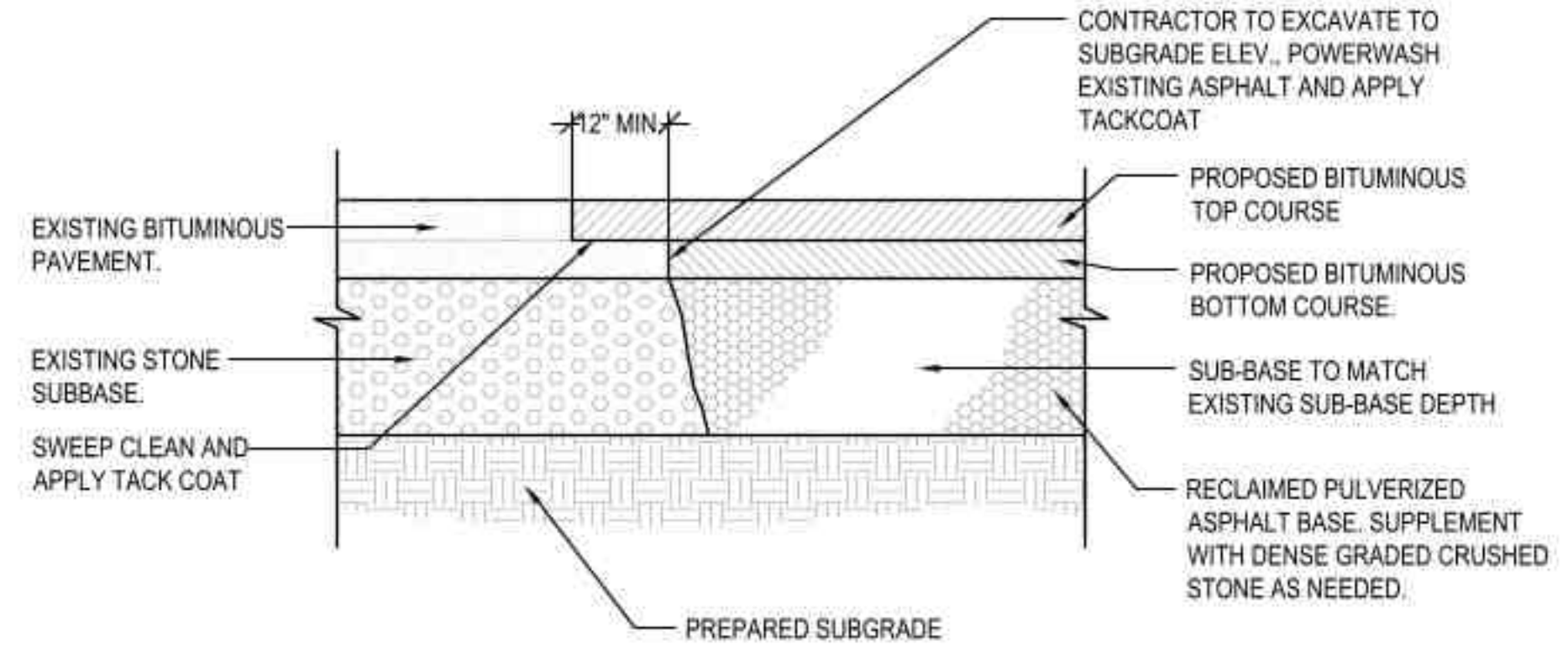
3 TENNIS NET CENTER TRAP ANCHOR
N.T.S.



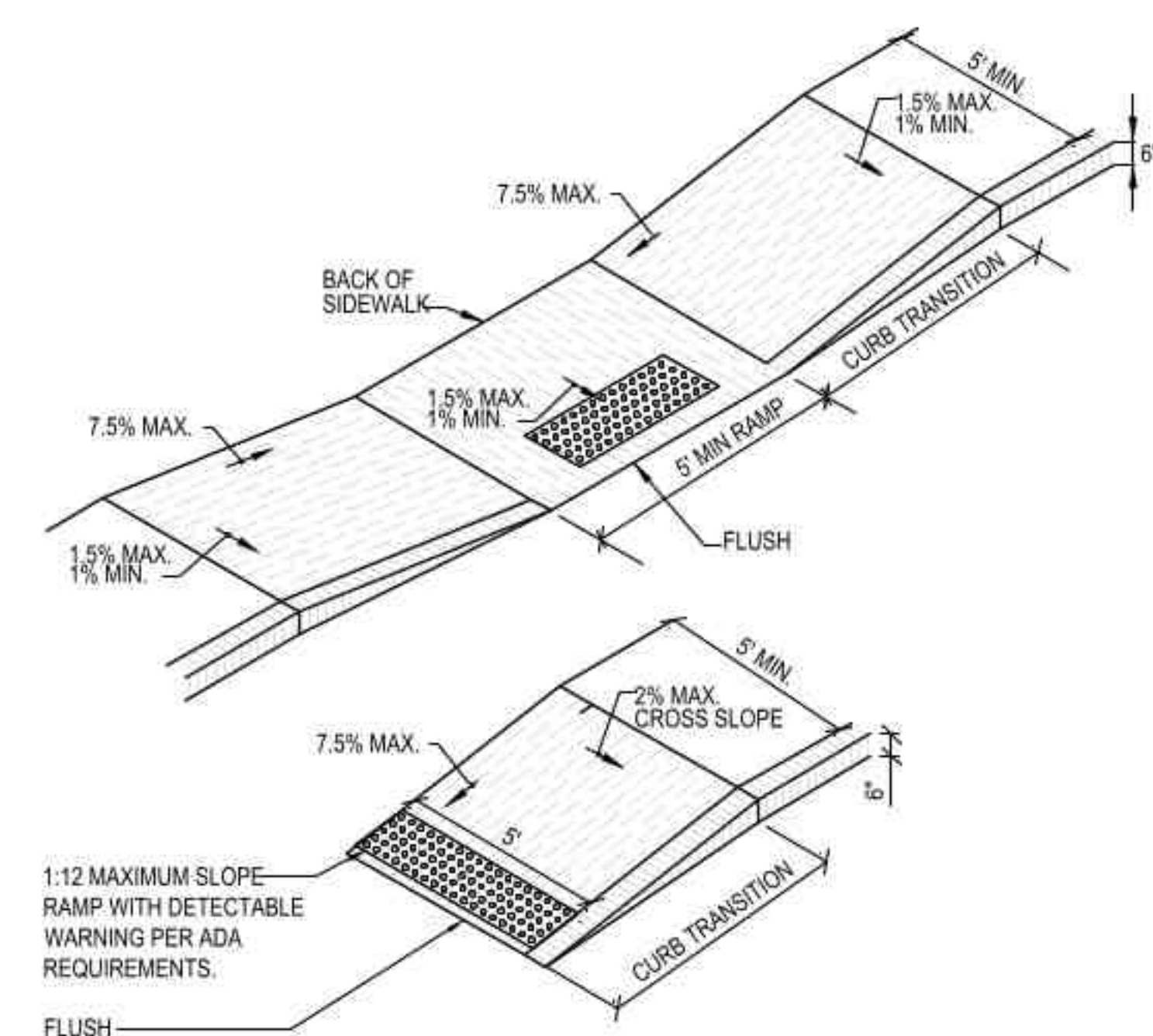
4 SIDEWALK PAVEMENT SECTION
N.T.S.



6 VERTICAL GRANITE CURB (VGC)
N.T.S.



5 PAVEMENT JOINTING DETAIL
N.T.S.



- NOTES:**
- SEE PLANS FOR CURB TYPE.
 - THE MAXIMUM ALLOWABLE SIDEWALK AND CURB RAMP CROSS SLOPES SHALL BE 2.0% (1% MIN.).
 - THE MAXIMUM ALLOWABLE SLOPE OF ACCESSIBLE ROUTE EXCLUDING CURB RAMPS SHALL BE 5.0%.
 - THE MAXIMUM ALLOWABLE SLOPE OF ACCESSIBLE ROUTE CURB RAMPS SHALL BE 7.5%.
 - GRADE BASE OF RAMP TO PREVENT PONDING.
 - ALL RAMPS SHALL BE CEMENT CONCRETE WITH A TEXTURED AND COLORED NON-SLIP SURFACE (WARNING STRIP) CONFORMING TO APPLICABLE LOCAL, STATE, AND FEDERAL REGULATIONS.

7 ACCESSIBLE CURB RAMPS
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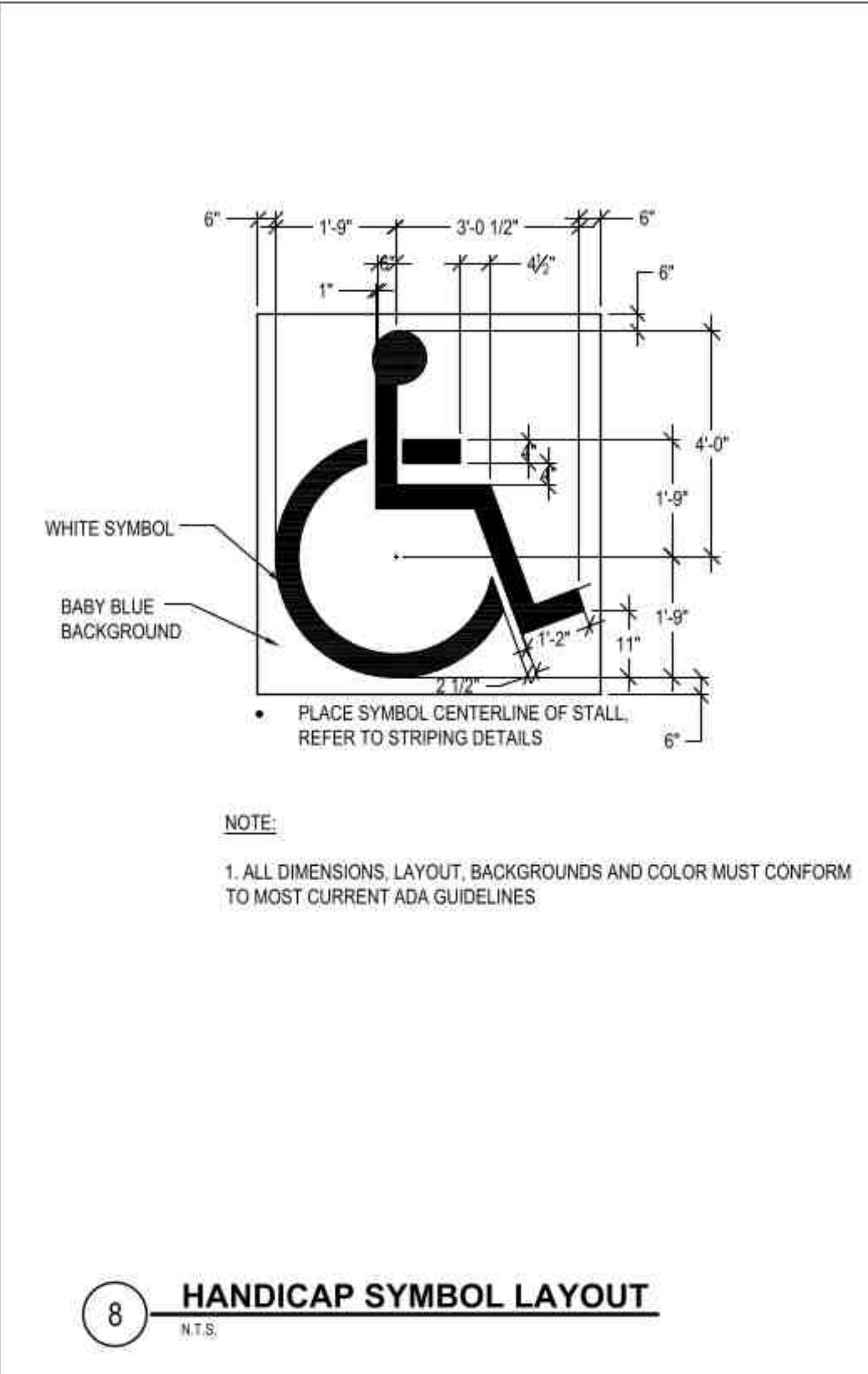
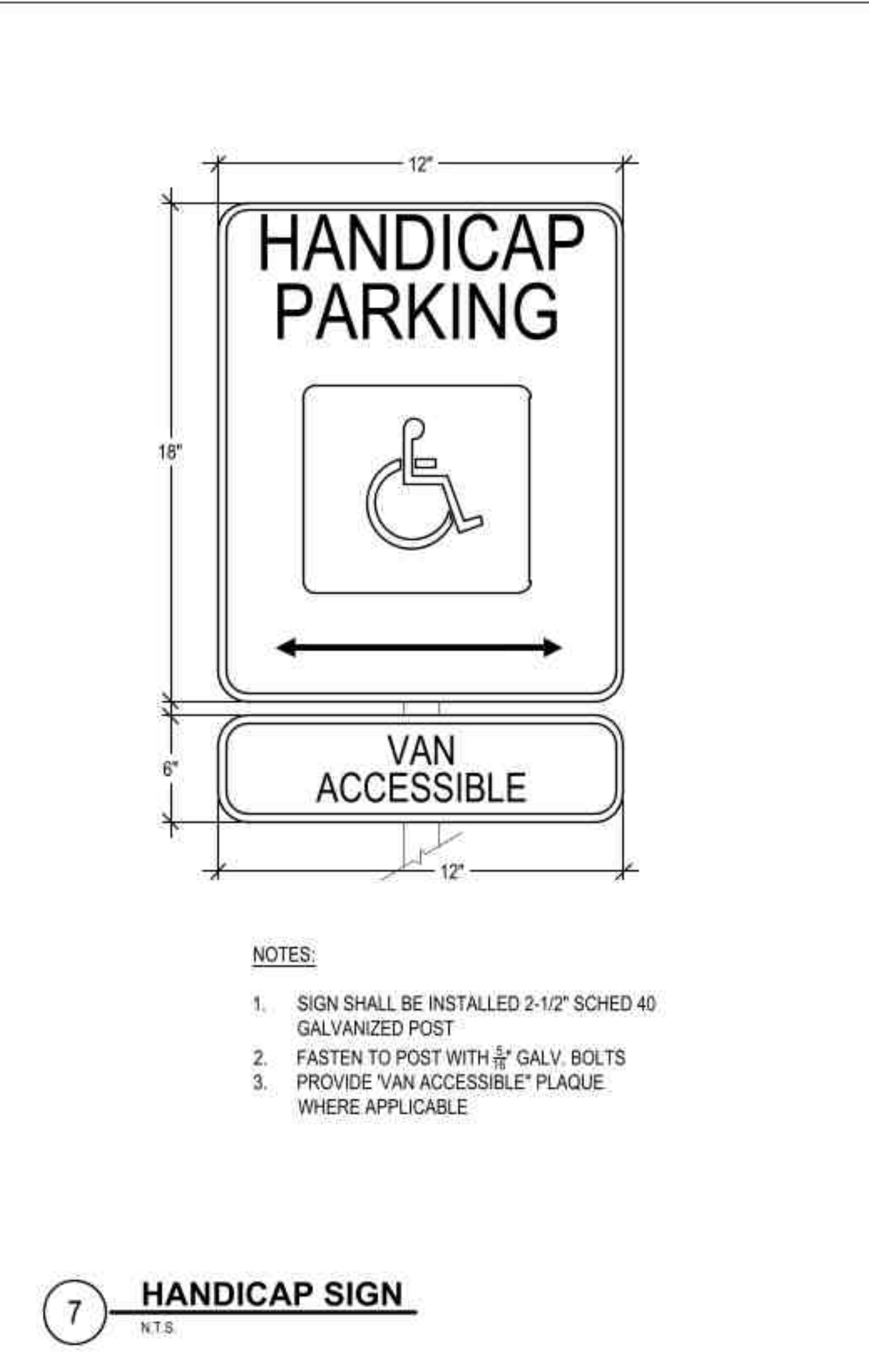
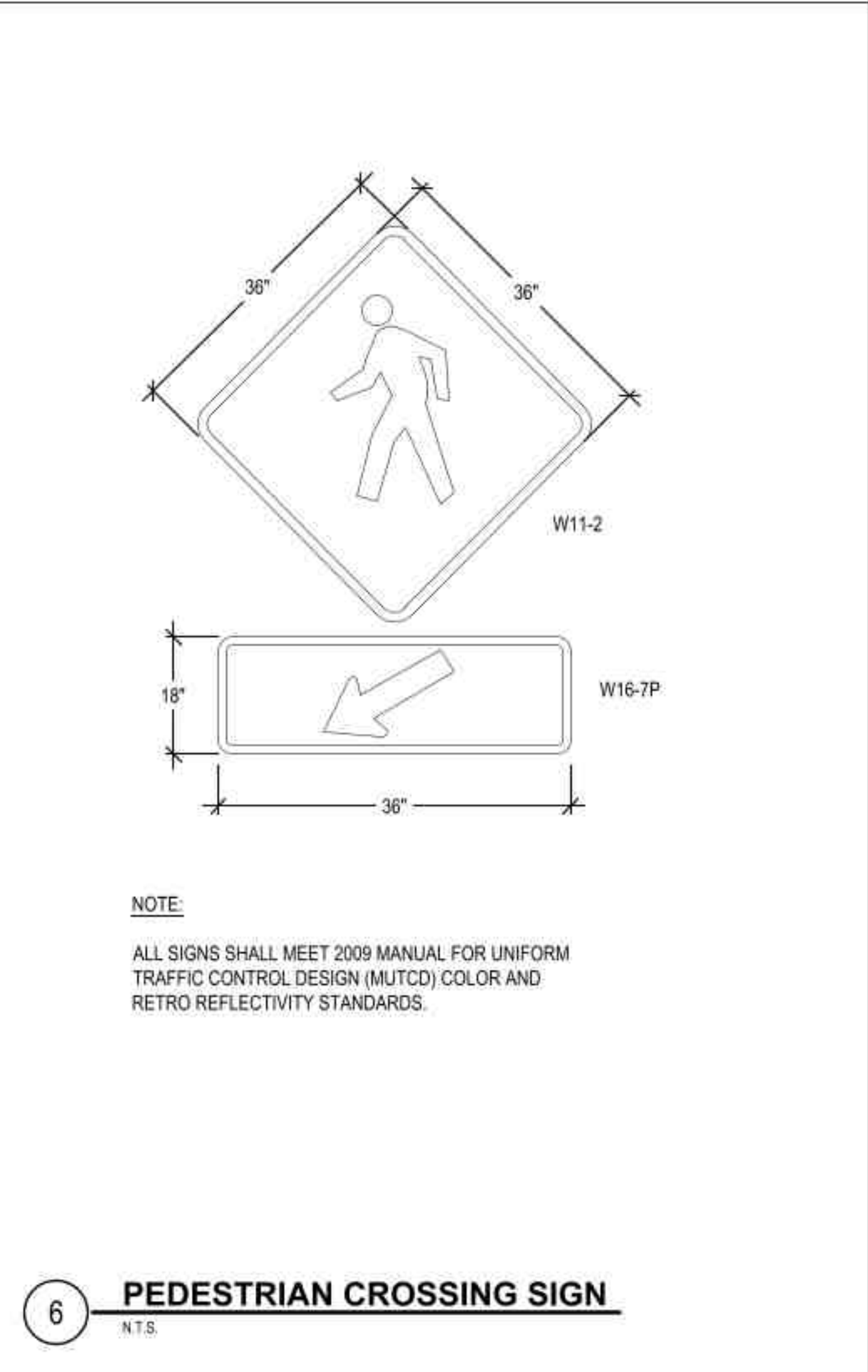
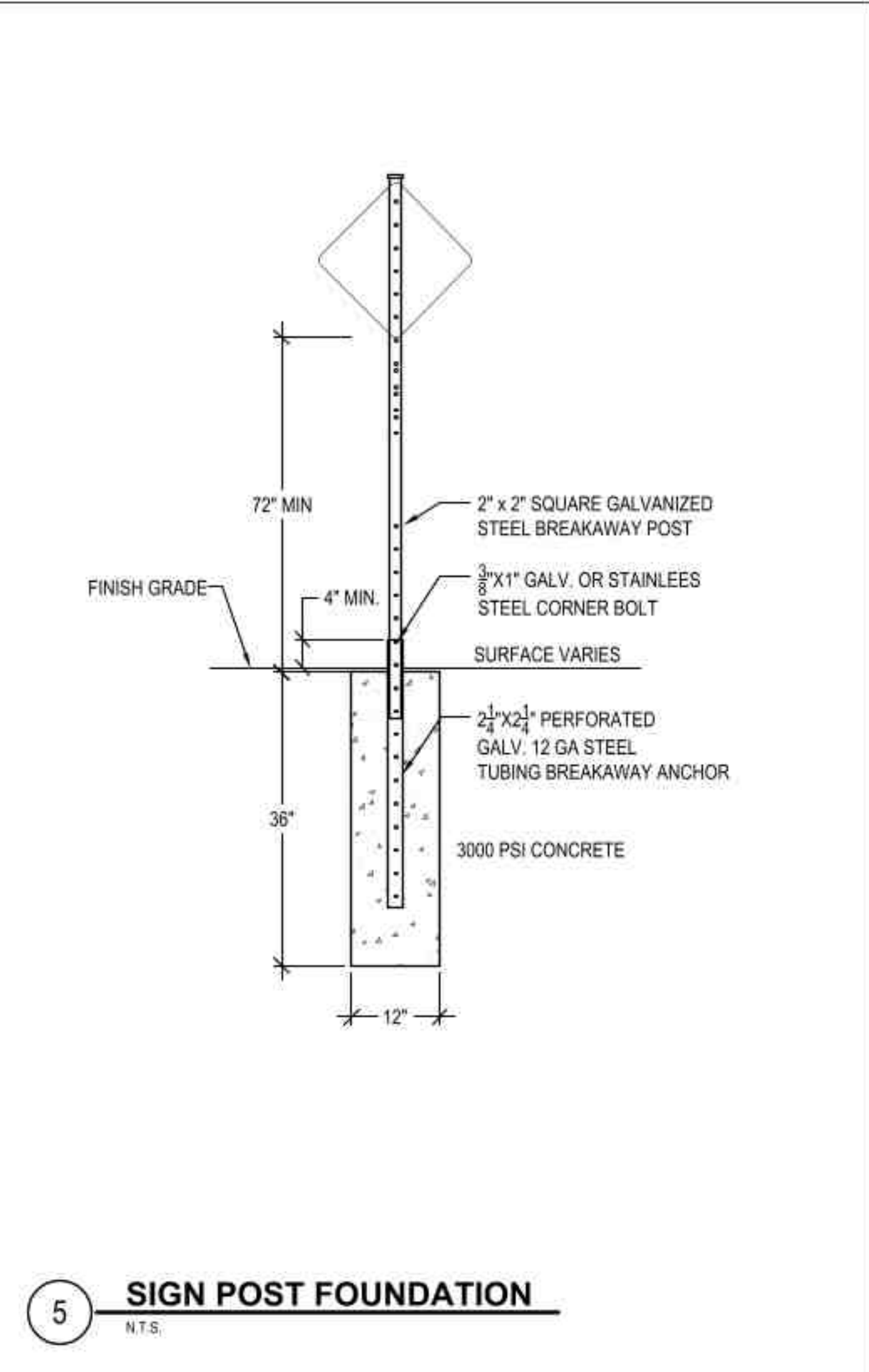
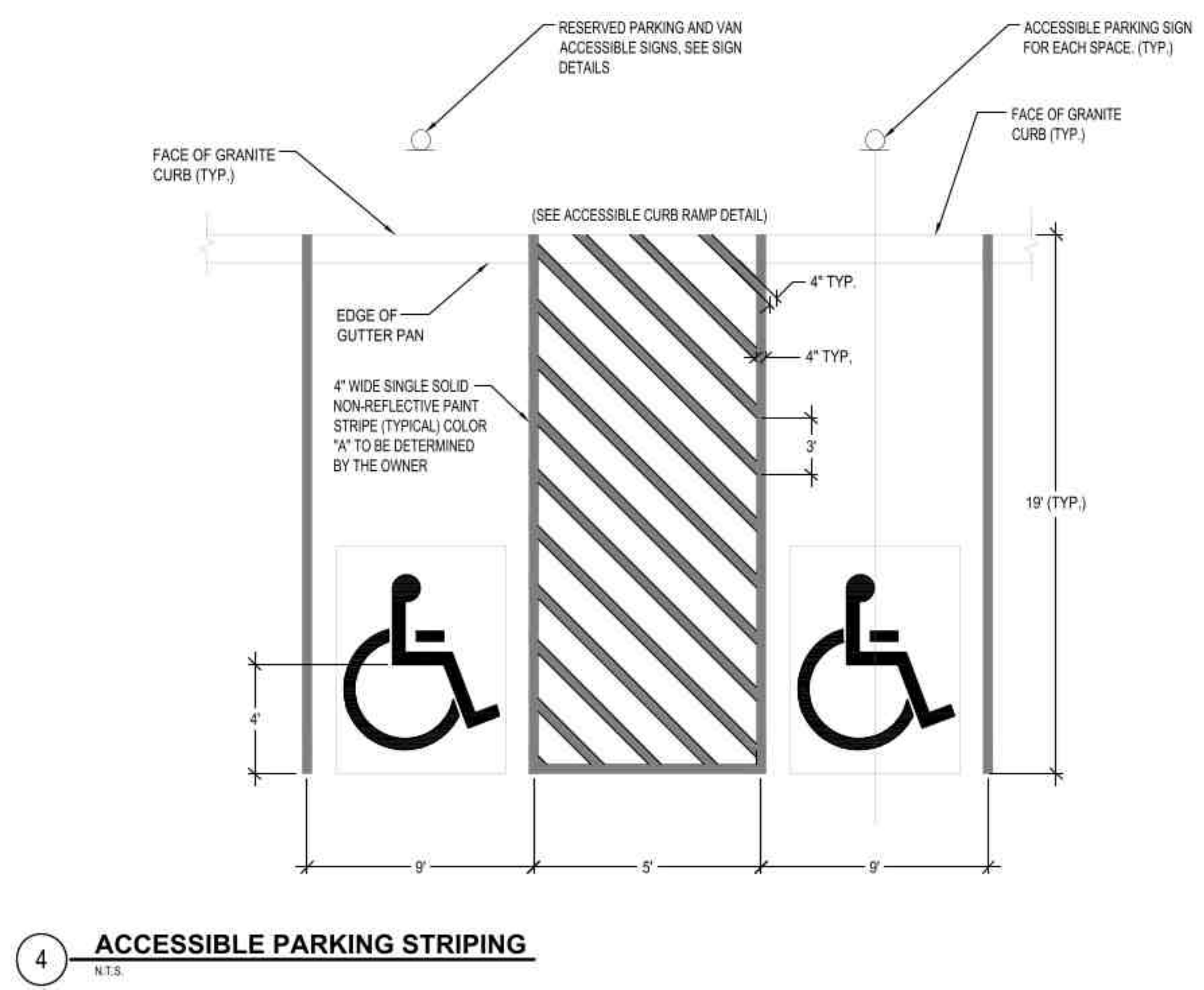
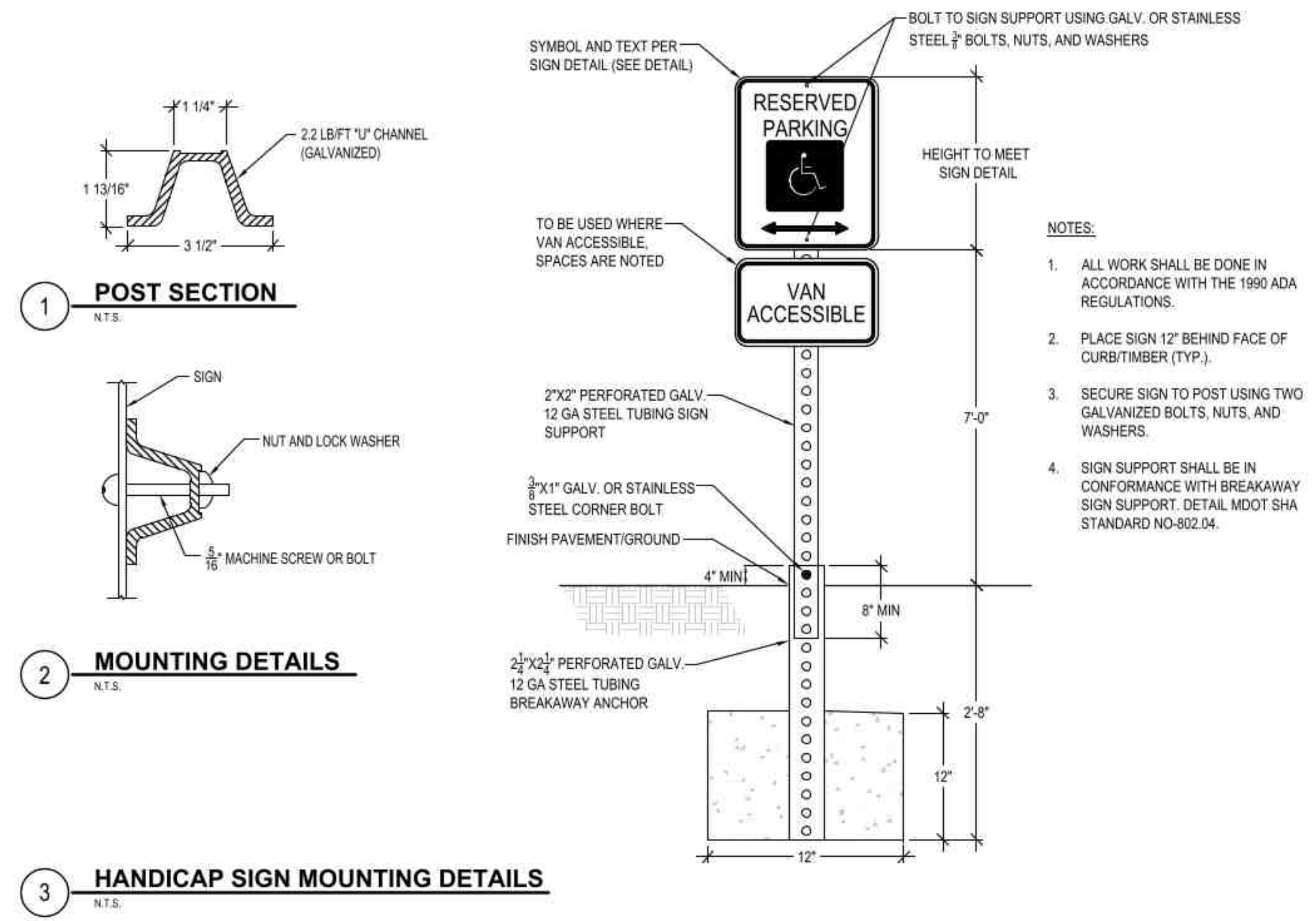
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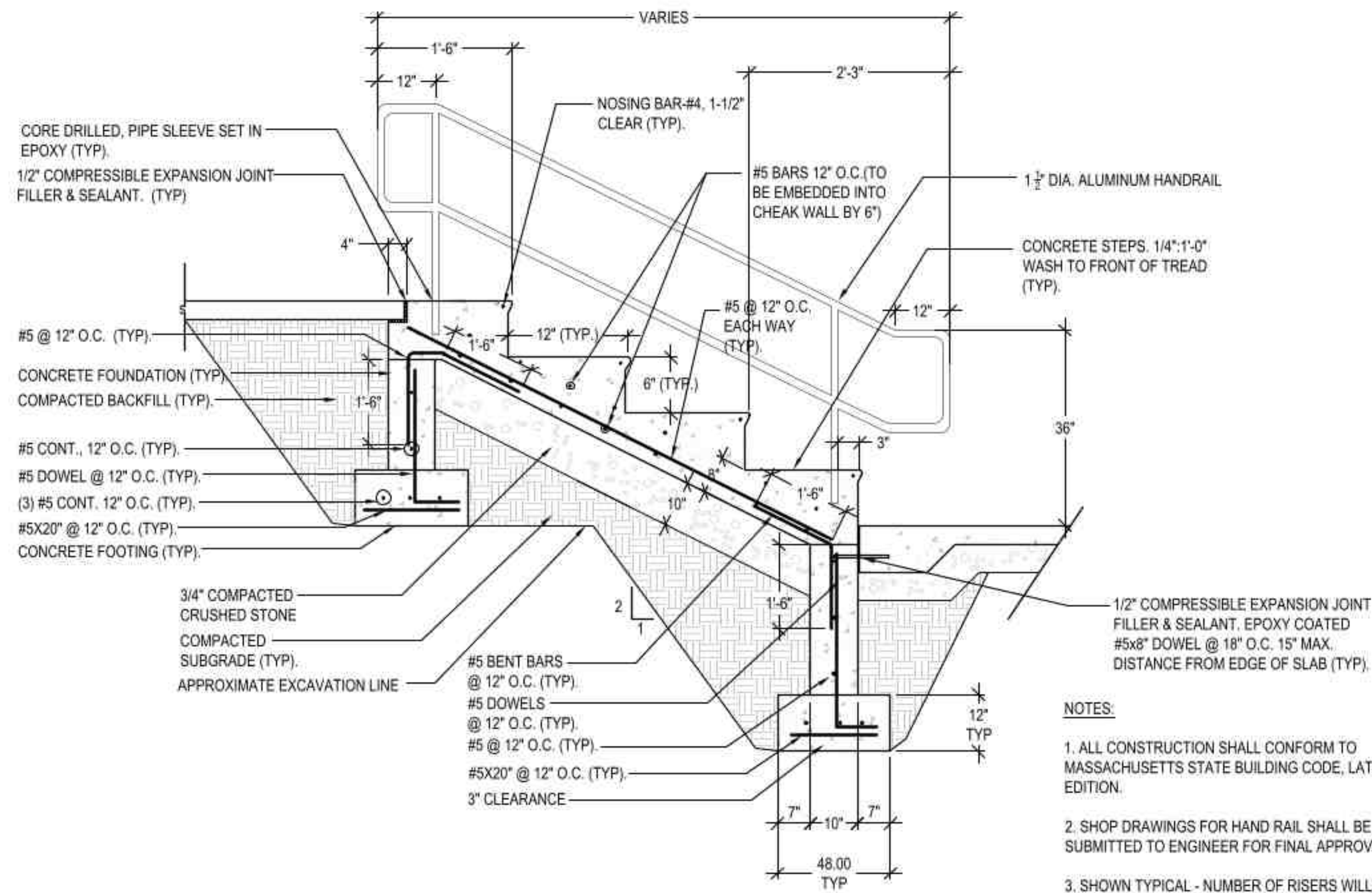
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- NOTES:**
1. ALL CONSTRUCTION SHALL CONFORM TO MASSACHUSETTS STATE BUILDING CODE, LATEST EDITION.
 2. SHOP DRAWINGS FOR HAND RAIL SHALL BE SUBMITTED TO ENGINEER FOR FINAL APPROVAL.
 3. SHOWN TYPICAL - NUMBER OF RISERS WILL VARY PER PLAN
 4. CONTRACTOR TO FIELD VERIFY ELECTRICAL LINE PRIOR TO CONSTRUCTION OF STAIRS.

1 TYPICAL CONCRETE STAIR DETAIL
N.T.S.

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