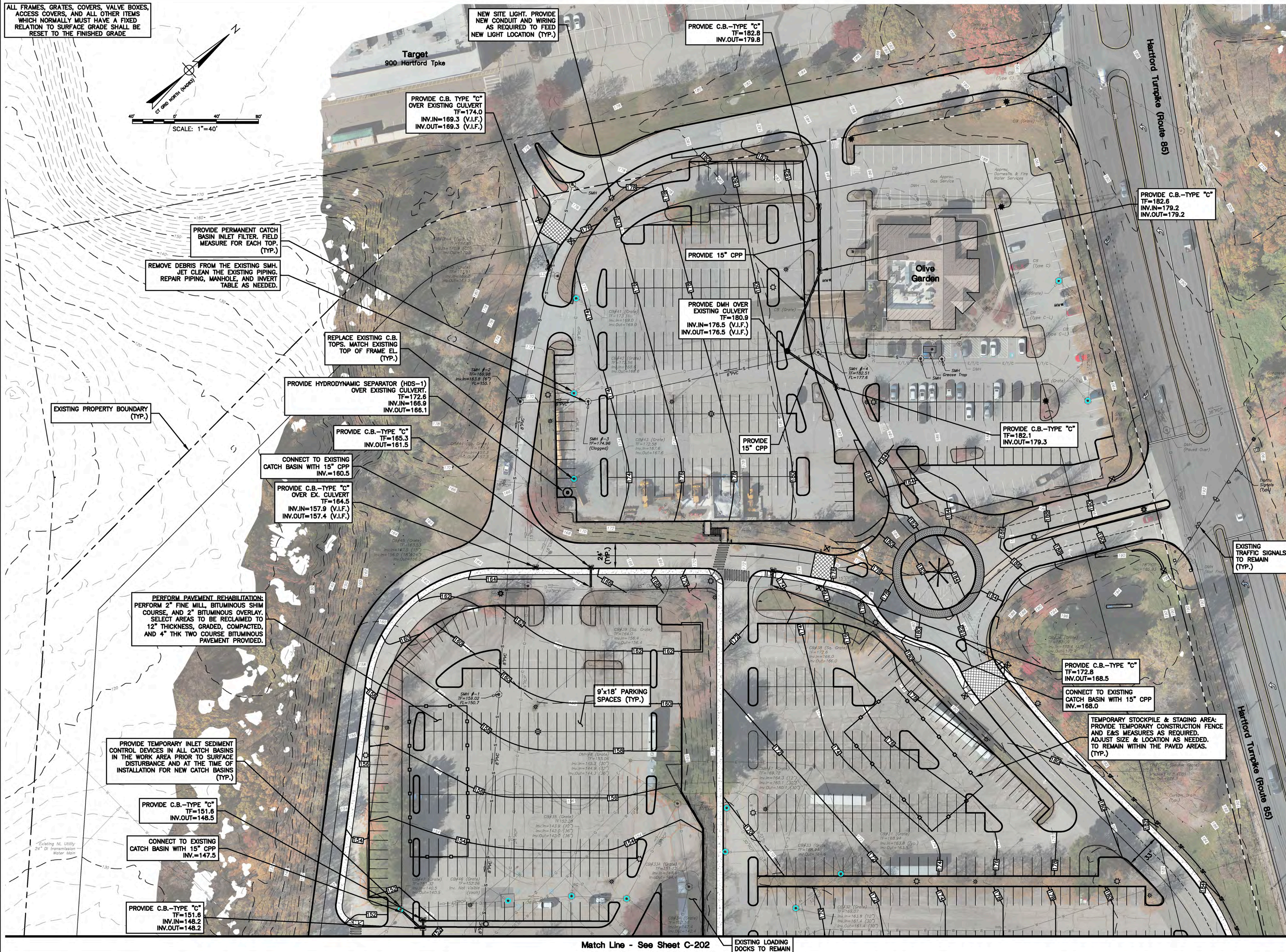
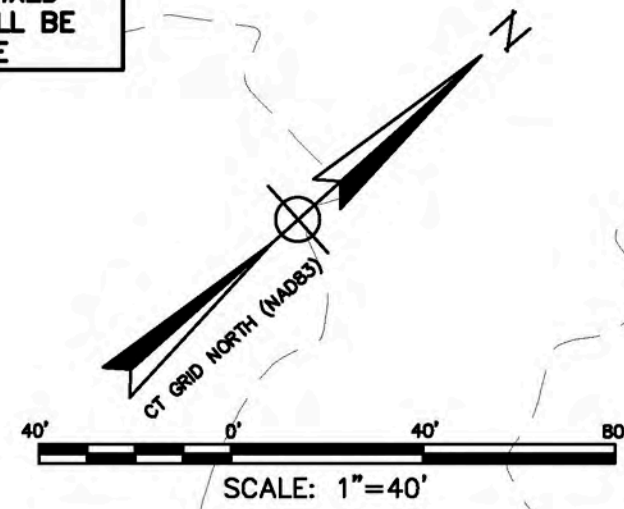


ALL FRAMES, GRATES, COVERS, VALVE BOXES, ACCESS COVERS, AND ALL OTHER ITEMS WHICH NORMALLY MUST HAVE A FIXED RELATION TO SURFACE GRADE SHALL BE RESET TO THE FINISHED GRADE



DME DESIGN LLC
285 NICOLL ST., SUITE 107
NEW HAVEN, CT 06511

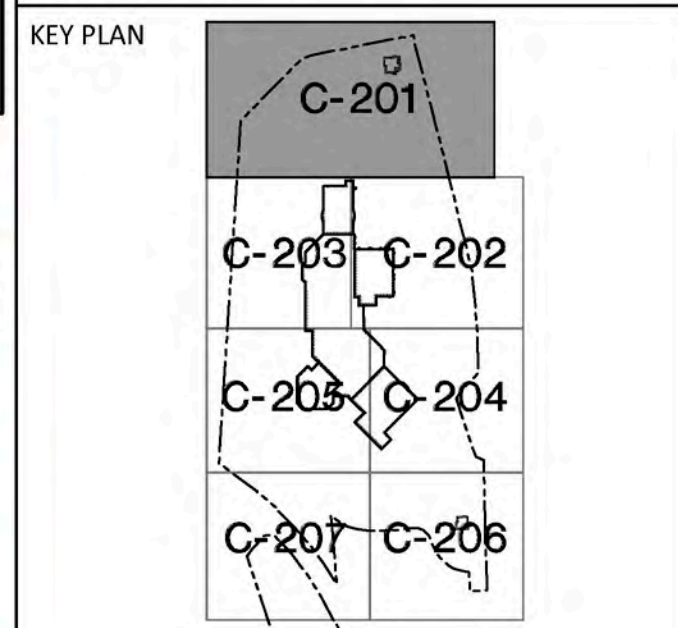
PROJECT
GENERAL DYNAMICS
Electric Boat

**CRYSTAL MALL
ADAPTIVE REUSE**

850 HARTFORD TURNPIKE
WATERFORD, CT 06385

CONSULTANTS
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Architecture
Interior Design
Planning
LANDSCAPE
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FROST**
ARCHITECTURE
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CLA Engineers, Inc.
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317 Main Street Norwich, Connecticut
860-886-1966 claengineers.com



REV	DESCRIPTION	DATE
	Zoning Submission	1/26/2026

**GRADING, DRAINAGE,
UTILITY, AND E&S PLAN**

DRAWN BY: KJH
CHECKED BY: KJH
SCALE: AS NOTED
PROJECT #: CLA-8185

C-201

M:\8000\0100181 - DME Crystal Mall Redevelopment\Drawings\CA-8185 Crystal Mall Adaptive Reuse - C100-C206 Site Plans.dwg

ALL FRAMES, GRATES, COVERS, VALVE BOXES, ACCESS COVERS, AND ALL OTHER ITEMS WHICH NORMALLY MUST HAVE A FIXED RELATION TO SURFACE GRADE SHALL BE RESET TO THE FINISHED GRADE

Match Line - See Sheet C-201

NEW SITE LIGHT. PROVIDE NEW CONDUIT AND WIRING AS REQUIRED TO FEED NEW LIGHT LOCATION (TYP.)

REPLACE EXISTING C.B. TOPS. MATCH EXISTING TOP OF FRAME EL. (TYP.)

PROVIDE PERMANENT CATCH BASIN INLET FILTER, FIELD MEASURE FOR EACH TOP. (TYP.)

PROVIDE TEMPORARY INLET SEDIMENT CONTROL DEVICES IN ALL CATCH BASINS IN THE WORK AREA PRIOR TO SURFACE DISTURBANCE AND AT THE TIME OF INSTALLATION FOR NEW CATCH BASINS (TYP.)

MAIN PERSONNEL ENTRANCE

Match Line - See Sheet C-203

MACYS CONVERSION

9'x18' PARKING SPACES (TYP.)

Loading

Match Line - See Sheet C-204

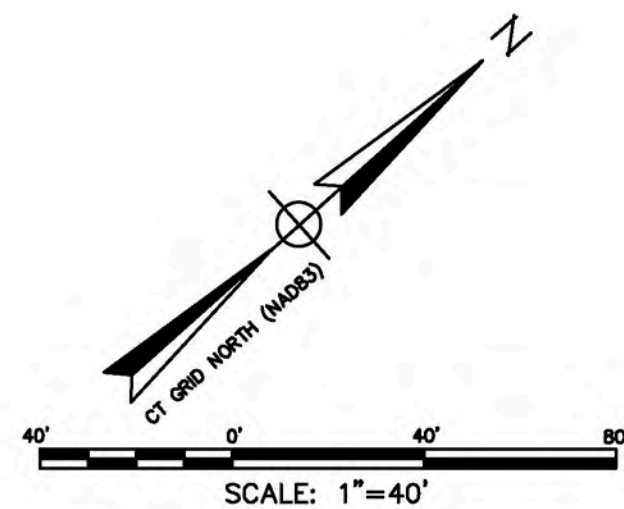
PERFORM PAVEMENT REHABILITATION: PERFORM 2" FINE MILL, BITUMINOUS SHIM COURSE, AND 2" BITUMINOUS OVERLAY. SELECT AREAS TO BE RECLAIMED TO 12" THICKNESS, GRADED, COMPACTED, AND 4" THK TWO COURSE BITUMINOUS PAVEMENT PROVIDED.

PROVIDE & MAINTAIN A CONTINUOUS LINE OF SILT FENCE OR STRAW WATTLE DURING CONSTRUCTION (TYP.)

EXISTING PROPERTY BOUNDARY (TYP.)

EXISTING ROCK OUTCROPS TO REMAIN (TYP.)

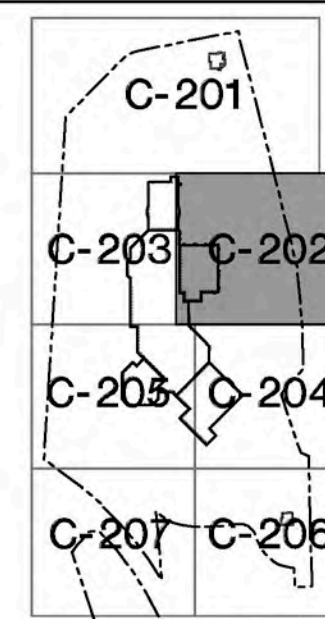
TEMPORARY STOCKPILE & STAGING AREA: PROVIDE TEMPORARY CONSTRUCTION FENCE AND E&S MEASURES AS REQUIRED. ADJUST SIZE & LOCATION AS NEEDED. TO REMAIN WITHIN THE PAVED AREAS. (TYP.)



STAMP



KEY PLAN



REV	DESCRIPTION	DATE
	Zoning Submission	1/26/2026

GRADING, DRAINAGE,
UTILITY, AND E&S PLAN

EXTEND 6" DI WATER TO NEW
HYDRANT LOCATIONS. PROVIDE
DRESSER COUPLINGS OR
APPROVED EQUAL. (TYP.)

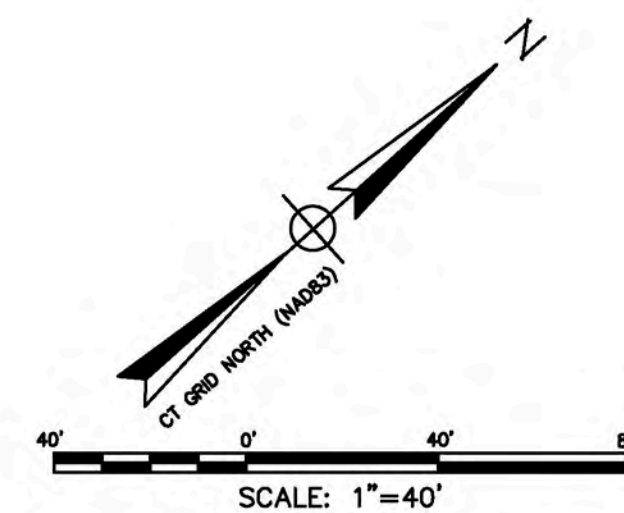
Match Line - See Sheet C-201

NEW SITE LIGHT. PROVIDE
NEW CONDUIT AND WIRING
AS REQUIRED TO FEED
NEW LIGHT LOCATION (TYP.)

MALL PROPER CONVERSION

Match Line - See Sheet C-205

C-203



ALL FRAMES, GRATES, COVERS, VALVE BOXES, ACCESS COVERS, AND ALL OTHER ITEMS WHICH NORMALLY MUST HAVE A FIXED RELATION TO SURFACE GRADE SHALL BE RESET TO THE FINISHED GRADE

9'x18" PARKING SPACES (TYP.)

Match Line - See Sheet C-202

NEW SITE LIGHT. PROVIDE NEW CONDUIT AND WIRING AS REQUIRED TO FEED NEW LIGHT LOCATION (TYP.)

PROVIDE UNDERDRAIN FOR SILVA CELL SYSTEM (SEE LANDSCAPE PLANS) CONNECT TO EXISTING C.B. #10

EXISTING ROCK OUTCROP TO REMAIN (TYP.)

EXISTING PROPERTY BOUNDARY (TYP.)

PERFORM PAVEMENT REHABILITATION: PERFORM 2" FINE MILL, BITUMINOUS SHIM COURSE, AND 2" BITUMINOUS OVERLAY. SELECT AREAS TO BE RECLAIMED TO 12" THICKNESS, GRADED, COMPACTED, AND 4" THK TWO COURSE BITUMINOUS PAVEMENT PROVIDED.

PROVIDE & MAINTAIN A CONTINUOUS LINE OF SILT FENCE OR STRAW WATTLE DURING CONSTRUCTION (TYP.)

NEVINS BROOK INLET

EASEMENT AREA - SEE SURVEY PLAN (TYP.)

EXISTING TRAFFIC SIGNALS TO REMAIN (TYP.)

PROVIDE C.B.-TYPE "C" TF=159.4 INV.OUT=156.4

PROVIDE C.B.-TYPE "C" TF=159.4 INV.IN=156.1 INV.OUT=156.1

PROVIDE C.B.-TYPE "C" TF=152.1 INV.OUT=149.1

PROVIDE C.B.-TYPE "C" TF=152.1 INV.IN=148.8 INV.OUT=148.8

PROVIDE C.B.-TYPE "C" TF=150.0 INV.IN=148.3 INV.OUT=148.3

PROVIDE C.B.-TYPE "C" TF=148.7 INV.IN=147.6 INV.OUT=147.6

PROVIDE C.B.-TYPE "C-G" TF=149.5 INV.OUT=143.9 (EXTEND CULVERT AS NEEDED)

PROVIDE C.B.-TYPE "C" TF=148.6 INV.IN=145.0 INV.OUT=145.0

CONNECT TO EXISTING CATCH BASIN WITH 18" CPP INV.=144.3

PROVIDE C.B.-TYPE "C" TF=148.0 INV.IN=145.0 INV.OUT=145.0

APPROXIMATE LOCATION OF CRACKED SEWER PIPE. EXCAVATE AND REPLACE SECTION OF 10" PVC SEWER PIPE PRIOR TO REPAVING. PLUG SMH#11 AND BYPASS PUMP TO SMH #12 AS NEEDED.

Match Line - See Sheet C-206

Match Line - See Sheet C-206

Match Line - See Sheet C-205

SEARS CONVERSION

TEMPORARY STOCKPILE & STAGING AREA: PROVIDE TEMPORARY CONSTRUCTION FENCE AND E&S MEASURES AS REQUIRED. ADJUST SIZE & LOCATION AS NEEDED. TO REMAIN WITHIN THE PAVED AREAS. (TYP.)

PROVIDE NEW HYDRANT BEHIND PROPOSED SIDEWALK

EXTEND 6" DI WATER TO NEW HYDRANT LOCATION. PROVIDE DRESSER COUPLING OR APPROVED EQUAL.

DMH #3 TF=140.85 INV.IN=150.0 (12") INV.IN=148.8 (36") INV.OUT=148.8 (36")

DMH #18 TF=143.45 INV.IN=139.75 INV.OUT=139.75

DMH #4 TF=144.15 INV.IN=137.5 (24") INV.OUT=137.5 (36")

SMH #11 TF=144.33 INV.IN=143.33 INV.OUT=143.33

SMH #12 TF=144.33 INV.IN=143.33 INV.OUT=143.33

SMH #13 TF=144.33 INV.IN=143.33 INV.OUT=143.33

SMH #14 TF=144.33 INV.IN=143.33 INV.OUT=143.33

SMH #15 TF=144.33 INV.IN=143.33 INV.OUT=143.33

SMH #16 TF=144.33 INV.IN=143.33 INV.OUT=143.33

SMH #17 TF=144.33 INV.IN=143.33 INV.OUT=143.33

SMH #18 TF=144.33 INV.IN=143.33 INV.OUT=143.33

SMH #19 TF=144.33 INV.IN=143.33 INV.OUT=143.33

SMH #20 TF=144.33 INV.IN=143.33 INV.OUT=143.33

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SMH #167 TF=144.33 INV

Match Line - See Sheet C-205 Match Line - See Sheet C-204 Match Line - See Sheet C-204

PERFORM PAVEMENT REHABILITATION:
PERFORM 2" FINE MILL, BITUMINOUS SHIM
COURSE, AND 2" BITUMINOUS OVERLAY.
SELECT AREAS TO BE RECLAIMED TO
12" THICKNESS, GRADED, COMPACTED,
AND 4" THK TWO COURSE BITUMINOUS
PAVEMENT PROVIDED.

NEW SITE LIGHT. PROVIDE
NEW CONDUIT AND WIRING
AS REQUIRED TO FEED
NEW LIGHT LOCATION (TYP.)

PROVIDE C.B.-TYPE "C"
TF=132.4
INV.OUT=129.4

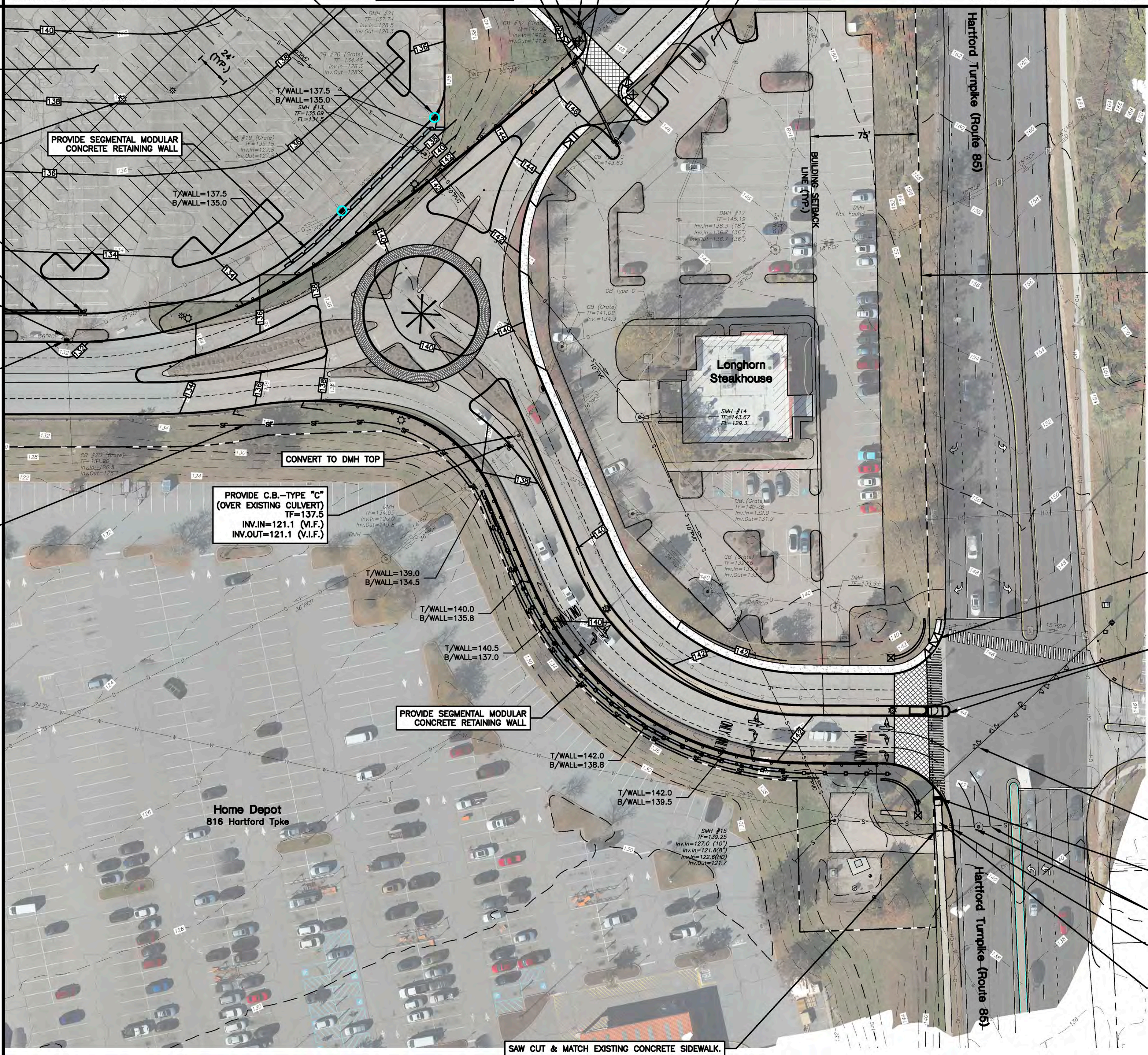
PROVIDE 15" CPP

PROVIDE TEMPORARY INLET SEDIMENT
CONTROL DEVICES IN ALL CATCH BASINS
IN THE WORK AREA PRIOR TO SURFACE
DISTURBANCE AND AT THE TIME OF
INSTALLATION FOR NEW CATCH BASINS
(TYP.)

REPLACE EXISTING C.B. TOP
WITH NEW DI CURB TOP.
MATCH EXISTING TF EL.
PROVIDE PAVED APRON TO
THE NEW TOP. (TYP.)

PROVIDE & MAINTAIN A CONTINUOUS LINE
OF SILT FENCE OR STRAW WATTLE
DURING CONSTRUCTION
(TYP.)

Match Line - See Sheet C-207



EXISTING PROPERTY BOUNDARY
(TYP.)

PROVIDE SIDEWALK RAMP:
DOT TYPE 7

CUT BACK EXISTING ISLAND.
PROVIDE NEW CONCRETE CURB & ISLAND.
SEE LANDSCAPE PLANS.
PROVIDE PEDESTRIAN REFUGE TYPE 22

EXISTING SIGNAL TO BE MODIFIED
FOR NEW RIGHT TURN LANE. TO
BE COORDINATED WITH CTDOT
AS PART OF THE CTDOT ROUTE
85 CORRIDOR SIGNAL UPGRADES.

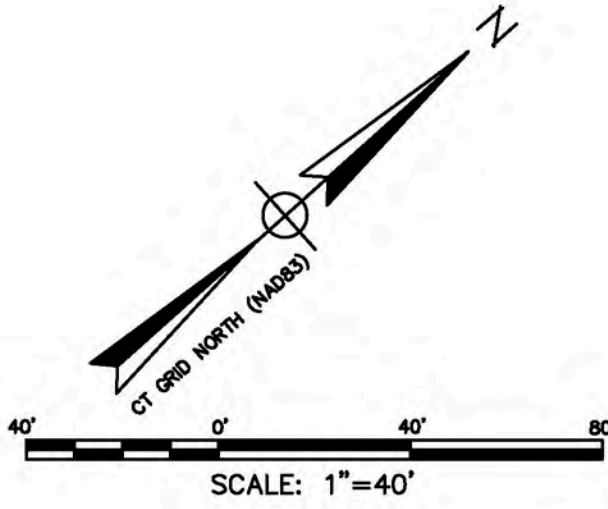
PROVIDE SIDEWALK RAMP:
DOT TYPE 16

MATCH TO EXISTING LANE WIDTHS
(TYP.)

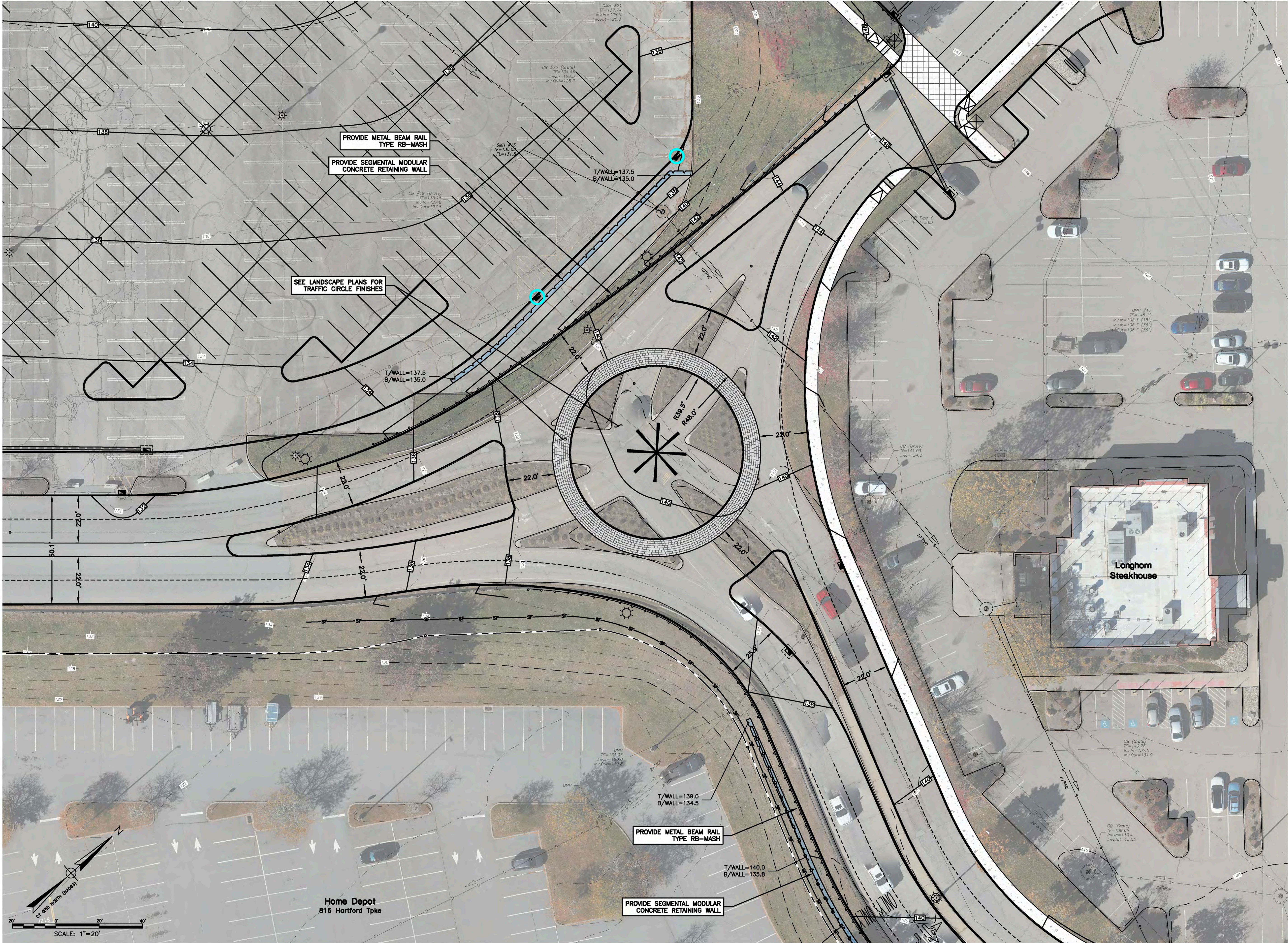
END CURB AT EXISTING DRIVEWAY APRON

PROVIDE 5' WIDE CONCRETE SIDEWALK

SAW CUT & MATCH EXISTING CONCRETE SIDEWALK.



ALL FRAMES, GRATES, COVERS, VALVE BOXES,
ACCESS COVERS, AND ALL OTHER ITEMS
WHICH NORMALLY MUST HAVE A FIXED
RELATION TO SURFACE GRADE SHALL BE
RESET TO THE FINISHED GRADE



DME DESIGN LLC
285 NICOLL ST, SUITE 107
NEW HAVEN, CT 06511

PROJECT
GENERAL DYNAMICS
Electric Boat

**CRYSTAL MALL
ADAPTIVE REUSE**

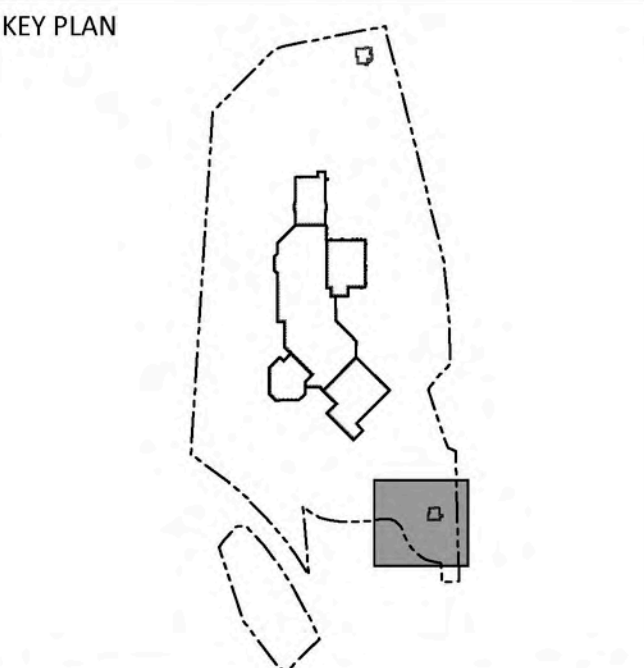
850 HARTFORD TURNPIKE
WATERFORD, CT 06385

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Interior Design
Planning

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FROST**
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CLA Engineers, Inc.
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317 Main Street Norwich, Connecticut
860-886-1966 claengineers.com



REV	DESCRIPTION	DATE
	Zoning Submission	1/26/2026

**SOUTHERN TRAFFIC CIRCLE
DETAIL PLAN**

DRAWN BY: KJH
CHECKED BY: KJH
SCALE: AS NOTED
PROJECT #: CLA-8185

C-301



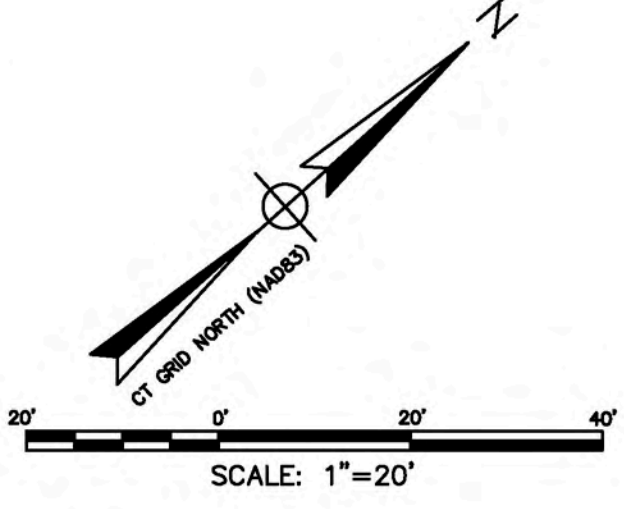
GENERAL DYNAMICS
Electric Boat

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WATERFORD, CT 06385

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Norwich, Connecticut
claengineers.com

SOUTHERN DRIVEWAY DETAIL SITE PLAN

C-302





DME DESIGN LLC
285 NICOLL ST, SUITE 107
NEW HAVEN, CT 06511

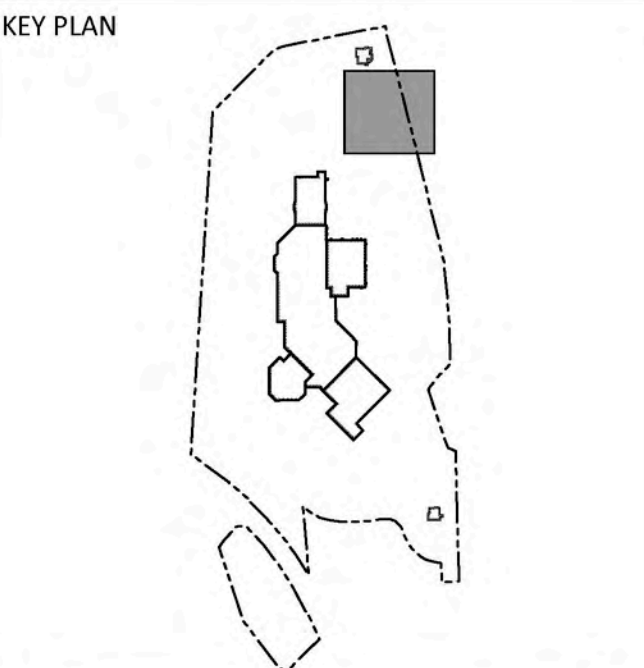
PROJECT
GENERAL DYNAMICS
Electric Boat

CRYSTAL MALL
ADAPTIVE REUSE

850 HARTFORD TURNPIKE
WATERFORD, CT 06385

CONSULTANTS
FCA
Architecture
Interior Design
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LANDSCAPE
**KENT+
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ARCHITECTURE
1 HIGH STREET
MYSTIC, CT 06355
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CLA Engineers, Inc.
CIVIL • STRUCTURAL • SURVEYING
317 Main Street Norwich, Connecticut
860-886-1966 claengineers.com



REV	DESCRIPTION	DATE
	Zoning Submission	1/26/2026

NORTHERN TRAFFIC CIRCLE
DETAIL PLAN

DRAWN BY: KJH
CHECKED BY: KJH
SCALE: AS NOTED
PROJECT #: CLA-8185

C-303





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285 NICOLL ST. SUITE 107
NEW HAVEN, CT 06511

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STAMP


KEY PLAN

REV	DESCRIPTION	DATE
	Zoning Submission	1/26/2026

CT ROUTE 85 AND
INTERSTATE 95
INTERCHANGE
IMPROVEMENTS

DRAWN BY: KJH	C-304
CHECKED BY: KJH	
SCALE: AS NOTED	
PROJECT #: CLA-8185	

1. THE EROSION & SEDIMENTATION CONTROL PLAN AND DETAILS HAVE BEEN DEVELOPED AS A STRATEGY TO CONTROL SOIL EROSION AND SEDIMENTATION DURING AND AFTER CONSTRUCTION. THIS PLAN IS BASED ON THE "CONNECTICUT GUIDELINES FOR SOIL EROSION AND SEDIMENT CONTROL" EFFECTIVE MARCH 30, 2024 BY THE COUNCIL ON SOIL AND WATER CONSERVATION IN COLLABORATION WITH CONNECTICUT DEPARTMENT OF ENERGY AND ENVIRONMENTAL PROTECTION.
2. THE PROPOSED LOCATIONS OF SILTATION AND EROSION CONTROL MEASURES ARE SHOWN ON THE PLANS. THE CONTRACTOR SHALL PROVIDED SILT FENCE, STONE CHECK DAMS AND/OR OTHER EROSION CONTROL MEASURES AS NEEDED OR DIRECTED BY THE ENGINEER OR TOWN STAFF TO ADEQUATELY PREVENT SEDIMENT TRANSPORT.
3. EROSION AND SEDIMENTATION CONTROL MEASURES SHALL BE INSTALLED PRIOR TO SITE DISTURBANCE.
4. TOWN STAFF SHALL BE NOTIFIED PRIOR TO THE START OF CONSTRUCTION TO INSPECT SEDIMENTATION AND EROSION CONTROL MEASURES
5. STAKED HAY BALE SILT BARRIERS OR SILT FENCE SHALL BE INSTALLED AROUND ANY TEMPORARY STOCKPILE AREAS. TEMPORARY VEGETATIVE COVER MAY BE REQUIRED (SEE NOTES).
6. INLET SEDIMENTATION CONTROL DEVICES SHALL BE INSTALLED UNDER THE GRATES OF ALL NEW CATCH BASINS AT THE TIME OF INSTALLATION, AND UNDER THE GRATES OF EXISTING CATCH BASINS IN THE CONSTRUCTION AREA.
7. IF DEWATERING IS NECESSARY DURING ANY TIME OF CONSTRUCTION A CLEAR WATER DISCHARGE SHALL BE PROVIDED. A DETAIL IS PROVIDED FOR A STANDARD STONE AND HAY BALE DEWATERING STRUCTURE TO BE SIZED BASED ON THE CONTRACTORS PUMP DISCHARGE. THE CONTRACTOR MAY PROPOSE AN ALTERNATE METHOD TO BE REVIEWED AND APPROVED BY THE ENGINEER.
9. CONTINUOUS DUST CONTROL USING CALCIUM CHLORIDE, WATER OR APPROVED EQUAL SHALL BE PROVIDED FOR ALL EARTH STOCKPILES, EARTH PILED ALONG EXCAVATIONS, SURFACES OF BACKFILLED TRENCHES AND GRAVELED ROADWAY SURFACES.
10. ALL DISTURBED AREAS SHALL BE RESTORED PER THE SLOPE STABILIZATION AND PERMANENT VEGETATION DETAILS. ALL DISTURBED AREAS THAT ARE SLOPED LESS THAN THREE HORIZONTAL TO ONE VERTICAL (3:1) SLOPE SHALL BE LOAMED, SEEDED, FERTILIZED AND MULCHED PER THE PERMANENT VEGETATIVE COVER SPECIFICATIONS. EROSION CONTROL MATTING OR STABILIZED HYDROSEED SHALL BE PROVIDED ON ALL DISTURBED AREAS THAT ARE SLOPED THREE HORIZONTAL TO ONE VERTICAL (3:1) OR MORE.
11. IF FINAL SEEDING OF DISTURBED AREAS IS NOT TO BE COMPLETED BEFORE OCTOBER 15, THE CONTRACTOR SHALL PROVIDE TEMPORARY MULCHING (DORMANT SEEDING MAY BE ATTEMPTED AS WELL) TO PROTECT THE SITE AND DELAY PERMANENT SEEDING.
12. WHEN FEASIBLE, TEMPORARY SEEDING OF DISTURBED AREAS THAT HAVE NOT BEEN FINISHED GRADED SHALL BE COMPLETED PRIOR TO OCTOBER 15.
13. INSPECTIONS: THE CONTRACTOR SHALL INSPECT, REPAIR AND/OR REPLACE EROSION CONTROL MEASURES EVERY 7 DAYS AND IMMEDIATELY FOLLOWING ANY SIGNIFICANT RAINFALL OR SLOW MELT. SEDIMENT DEPOSITS MUST BE REMOVED WHEN WHEN DEPOSITS REACH APPROXIMATELY ONE HALF THE HEIGHT OF THE BARRIER. SEDIMENT CONTROL DEVICES SHALL REMAIN IN PLACE AND BE MAINTAINED BY THE CONTRACTOR UNTIL AREAS UPSLOPE ARE PERMANENTLY STABILIZED.
14. ANY EROSION WHICH OCCURS WITHIN THE DISTURBED AREAS SHALL BE IMMEDIATELY REPAIRED AND STABILIZED. DURING THE CONSTRUCTION PHASE, INTERCEPTED SEDIMENT SHALL BE RETURNED TO THE SITE. POST SEEDING, INTERCEPTED SEDIMENT, IF ANY, SHALL BE DISPOSED OF IN A MANNER APPROVED BY THE TOWN AND ENGINEER.
15. EROSION AND SEDIMENTATION CONTROL MEASURES SHALL REMAIN IN PLACE UNTIL VEGETATION IS RE-ESTABLISHED OR SLOPES ARE STABILIZED AND REMOVAL IS APPROVED BY THE TOWN.
16. UNFORESEEN PROBLEMS WHICH ARE ENCOUNTERED IN THE FIELD SHALL BE SOLVED ACCORDING TO THE "CONNECTICUT GUIDELINES FOR SOIL EROSION AND SEDIMENT CONTROL" EFFECTIVE MARCH 30, 2024 BY THE COUNCIL ON SOIL AND WATER CONSERVATION IN COLLABORATION WITH CONNECTICUT DEPARTMENT OF ENERGY AND ENVIRONMENTAL PROTECTION.
17. THE OWNER SHALL BE RESPONSIBLE FOR THE OPERATIONS AND MAINTENANCE OF THE EROSION AND SEDIMENTATION CONTROLS. THE LOCAL REPRESENTATIVE CONTACT INFORMATION WILL BE PROVIDED TO THE TOWN PRIOR TO THE START OF CONSTRUCTION.

THE WORK AREA IS GENERALLY COMPOSED OF THE FOLLOWING SOIL TYPES:

3	RIDGEBURY, LEICESTER, AND WHITMAN SOIL
	0-8 PERCENT SLOPES, EXTREMELY STONY
50B	SUTTON FINE SANDY LOAM
	3-8 PERCENT SLOPES

1. TRENCH EXCAVATION AND STRUCTURE EXCAVATION METHODS SHALL GENERALLY CONFORM TO SECTION 2.02.03 AND 2.03.03 OF DOT FORM 819 RESPECTIVELY.
2. THE CONTRACTOR SHALL BE SOLELY RESPONSIBLE FOR THE SAFETY AND PROTECTION OF WORKERS AND COMPLIANCE WITH ALL OSHA STANDARDS AND REGULATIONS.
3. EXCAVATIONS SHALL CONFORM TO THE TRENCHING AND EXCAVATION REQUIREMENTS OF 29 CFR 1926 SUBPART P – EXCAVATIONS, IN PARTICULAR STANDARDS 1926.650 THROUGH 1926.652.
 - A. TRENCHES LESS THAN 5 FEET DEEP – THE CONTRACTOR'S COMPETENT PERSON SHALL CONTINUOUSLY EVALUATE THE EXCAVATION AND DETERMINE IF A PROTECTIVE SYSTEM IS REQUIRED IN ACCORDANCE WITH OSHA STANDARDS.
 - B. TRENCHES 5 FEET DEEP OR GREATER – PROTECTIVE SYSTEMS SHALL BE PROVIDED IN ACCORDANCE WITH OSHA STANDARDS.
5. EXCAVATION DEWATERING SHALL GENERALLY CONFORM TO CHAPTER 5 OF THE 2024 CONNECTICUT GUIDELINES FOR SOIL EROSION AND SEDIMENT CONTROL.
 - A. GROUNDWATER ENCOUNTERED DURING TRENCH EXCAVATION SHALL BE PUMPED AWAY FROM THE WORK AREA. A CLEAR WATER DISCHARGE MUST BE PROVIDED.
 - B. WATER SHALL BE DISCHARGED TO A STABLE, NON-ERODIBLE SURFACE. THE DISCHARGE LOCATION SHALL BE IDENTIFIED PRIOR TO THE START OF PUMPING. THE LOCATION SHALL BE EVALUATED TO ENSURE THAT THERE WILL BE NO DAMAGE TO DOWNSTREAM ENVIRONMENTALLY SENSITIVE AREAS OR PROPERTIES.
 - C. THE PUMP SUCTION INTAKE OR SUCTION HOSE SHALL BE FURNISHED WITH A STRAINER TO PROTECT AGAINST PUMPING BOTTOM SEDIMENTS. WHERE FINE SOIL IS ENCOUNTERED IN THE TRENCH FROM THE CRUSHED STONE AROUND THE SUCTION INTAKE. SEE FIGURE 5-86 OF THE 2024 E&S MANUAL.
 - D. IF CLEAR WATER IS BEING PUMPED FROM THE TRENCH, THE DISCHARGE MAY BE THROUGH A SUITABLE CRUSHED STONE ENERGY DISSIPATOR, OR OTHER SUITABLE STRUCTURE TO PREVENT EROSION AT THE PUMP DISCHARGE. THE DISCHARGE SHALL BE TO A STABLE, NON-ERODIBLE SURFACE.
 - E. IF SILT IS PRESENT IN THE DISCHARGE WATER, INSTALL AN ACF ENVIRONMENT "DIRTBAG" DEWATERING BAG SIZED IN ACCORDANCE WITH THE MANUFACTURERS RECOMMENDATIONS FOR THE PUMP DISCHARGE RATE.
 - F. UNFORESEEN PROBLEMS SHALL BE SOLVED IN ACCORDANCE WITH CHAPTER 5 OF THE 2024 CONNECTICUT GUIDELINES FOR SOIL EROSION AND SEDIMENT CONTROL.

DURING CONSTRUCTION

POLLUTION PREVENTION TEAM:
THE GENERAL CONTRACTOR SHALL BE RESPONSIBLE FOR CARRYING OUT THE PROVISIONS OF THIS PLAN.

1. **SWEEPING:**
PARKING LOTS, SIDEWALKS AND OTHER IMPERVIOUS SURFACES BEYOND THE WORK SITE SHALL BE SWEEPED CLEAN OF SAND, SILT AND LITTER DAILY AT THE END OF THE WORK DAY.

2. **OUTSIDE STORAGE:**
ACCESSORIES OR EQUIPMENT STORED OUTSIDE SHALL BE COVERED OR MAINTAINED TO MINIMIZE POSSIBILITY OF THESE MATERIALS OR THEIR RESIDUE PASSING TO STORM WATER.

3. **WASHING:**
NO WASHING OF VEHICLES, ACCESSORIES, EQUIPMENT, OR APPLIANCES IN WORK SITE.

4. **MAINTENANCE AND INSPECTION:**

A. THE CONTRACTOR SHALL INSPECT, REPAIR AND/OR REPLACE EROSION CONTROL MEASURES EVERY 7 DAYS AND IMMEDIATELY FOLLOWING ANY RAINFALL OF ½" OR MORE OR SIGNIFICANT SNOW MELT.

B. SEDIMENT DEPOSITS MUST BE REMOVED WHEN WHEN DEPOSITS REACH APPROXIMATELY ONE HALF THE HEIGHT OF THE BARRIER.

C. DAILY DUST CONTROL USING WATER, CALCIUM CHLORIDE OR APPROVED EQUAL SHALL BE PROVIDED FOR ALL EARTH STOCKPILES, EARTH PILED ALONG EXCAVATIONS, SURFACES OF BACKFILLED TRENCHES AND GRAVELED SURFACES.

5. **SPILLS OR ACCIDENTAL DISCHARGES:**

A. COMPLY WITH STATE AND FEDERAL REGULATIONS TO CONTAIN AND CLEAN UP ANY SPILL OR DISCHARGE AND DISPOSE OF MATERIALS AT AN APPROVED FACILITY.

B. CONTACT CONNECTICUT DEEP OIL AND CHEMICAL SPILL RESPONSE DIVISION (860) 424-3338

C. THE FOLLOWING STEPS SHOULD BE PERFORMED AS SOON AS POSSIBLE:

a. STOP THE SOURCE OF THE SPILL

b. CONTAIN THE SPILL

c. COVER SPILL WITH ABSORBENT MATERIAL SUCH AS KITTY LITER, SAWDUST OR OIL ABSORBENT PADS. DO NOT USE STRAW.

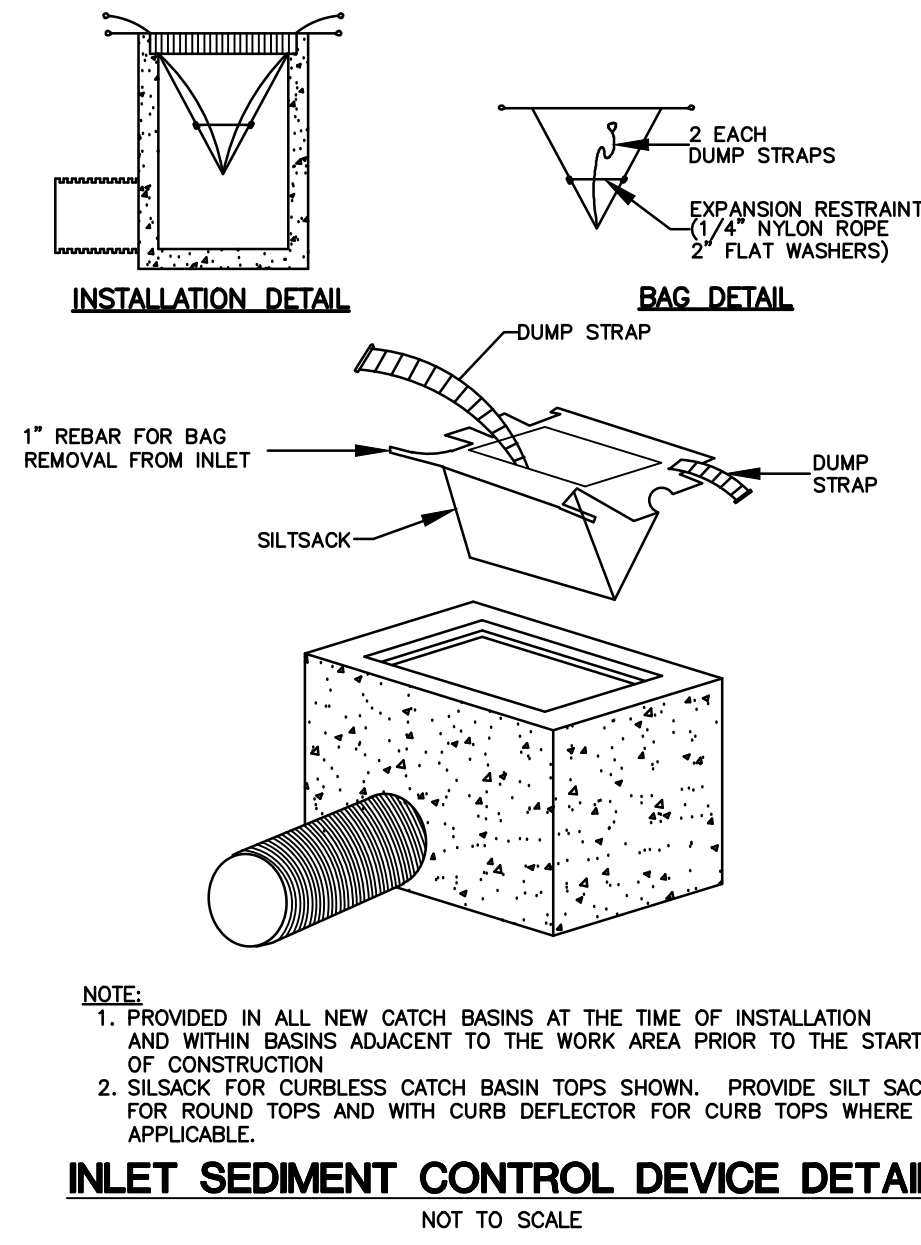
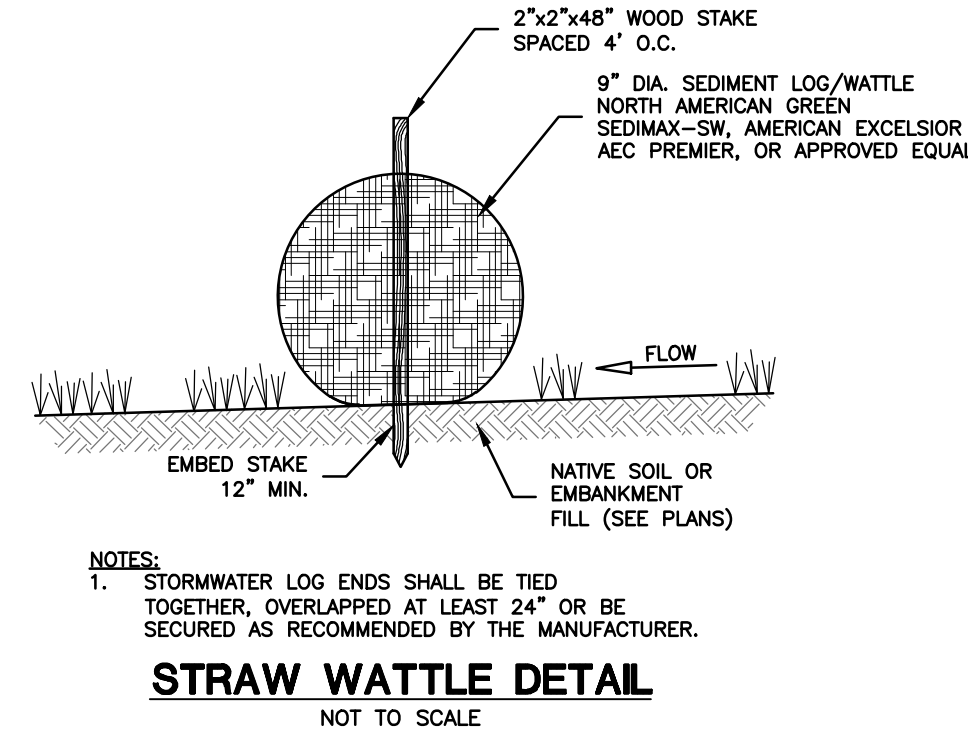
d. DISPOSE OF ABSORBER IN ACCORDANCE WITH LOCAL AND STATE REGULATIONS.

1. THE OWNER SHALL BE RESPONSIBLE FOR CARRYING OUT THE PROVISIONS OF THIS PLAN.
2. **SWEEPING:**
PARKING LOTS, SIDEWALKS AND OTHER IMPERVIOUS SURFACES SHALL BE SWEEPED CLEAN OF SAND AND LITTER AND ANY OTHER POLLUTANTS AT LEAST TWICE PER YEAR.
 - A. BETWEEN NOVEMBER 15 AND DECEMBER 15 (AFTER LEAF FALL)
 - B. DURING APRIL (AFTER SNOW MELT)
3. **OUTSIDE STORAGE:**
ACCESSORIES OR EQUIPMENT STORED OUTSIDE SHALL BE COVERED OR MAINTAINED TO MINIMIZE POSSIBILITY OF THESE MATERIALS OR THEIR RESIDUE PASSING TO STORM WATER.
4. **WASHING:**
NO WASHING OF VEHICLES, ACCESSORIES, EQUIPMENT OR APPLIANCES IN PARKING AREAS.
5. **MAINTENANCE AND INSPECTION:**
 - A. PERFORM AN INSPECTION OF STORMWATER STRUCTURES AND OUTFALLS TWICE PER YEAR.
 - B. CLEAN SEDIMENT AND DEBRIS FROM STRUCTURES AT LEAST ONCE PER YEAR DURING APRIL.
 - C. **STORMWATER MANAGEMENT BASIN:**
 - a. REMOVE ACCUMULATED SEDIMENT & LEAF LITTER FROM THE INLETS TWICE YEARLY. BETWEEN NOVEMBER 15 AND DECEMBER 15 (AFTER LEAF FALL) AND DURING APRIL (AFTER SNOW MELT).
 - b. PERFORM YEARLY INSPECTION FOR EMBANKMENT EROSION AND RESTORE AS NEEDED.
 - c. REVIEW YEARLY FOR INVASIVE SPECIES.
6. **SPILLS OR ACCIDENTAL DISCHARGES:**
 - A. COMPLY WITH STATE AND FEDERAL REGULATIONS TO CONTAIN AND CLEAN UP ANY SPILL OR DISCHARGE AND DISPOSE OF MATERIALS AT AN APPROVED FACILITY.
 - B. CONTACT CONNECTICUT DEEP OIL AND CHEMICAL SPILL RESPONSE DIVISION (860) 424-3338
 - C. THE FOLLOWING STEPS SHOULD BE PERFORMED AS SOON AS POSSIBLE:
 - a. STOP THE SOURCE OF THE SPILL
 - b. CONTAIN THE SPILL
 - c. COVER SPILL WITH ABSORBENT MATERIAL SUCH AS KITTY LITER, SAWDUST OR OIL ABSORBENT PADS. DO NOT USE STRAW.
 - d. DISPOSE OF ABSORBER IN ACCORDANCE WITH LOCAL AND STATE REGULATIONS.

Maintenance Schedule for Existing Stormwater Management Basins		
Activity	Schedule	
- Inspect for damage, undercut, or eroded area - Monitor for sediment accumulation	Semi-Annual inspection	
- Repair undercut or eroded areas. - Clean and remove debris & sediment from inlet and outlet structures	As needed maintenance	
- Inspect and clean debris & sediment in the basin - Clean and remove debris from inlets	Semi-annual	

Maintenance Schedule for Catch Basin Inlet Filters	
Activity	Schedule
- Inspect inlet filters for accumulated sediment - Inspect oil skimmer pouches for solidification and color - Inspect the filter bag for punctures, tears, or other damage	Quarterly
- Remove sediment when accumulation reaches $\frac{1}{2}$ of the filter volume. Use industrial vacuum or replace the filter bags. - Replace oil skimmer pads when they have solidified or turned black - Replace damaged filter bags	As needed maintenance As observed at quarterly inspections

Maintenance Schedule for Parking Areas	
Activity	Schedule
Sweep parking lots & impervious areas	- Between November 1st and December 1st (after leaf fall) - During April (after snow melt)
Remove and dispose of trash and debris onsite	Daily - As needed maintenance



dme

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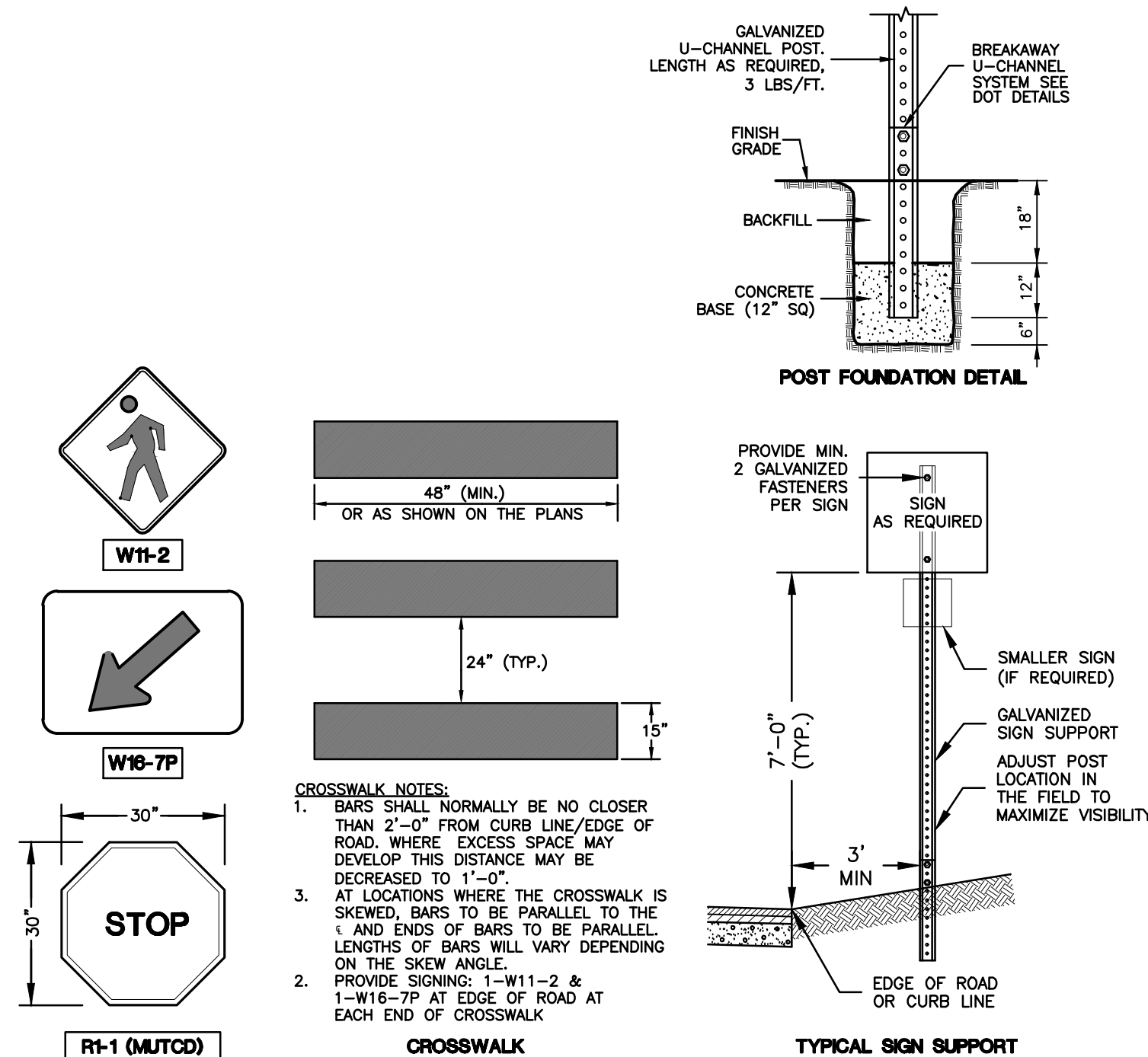
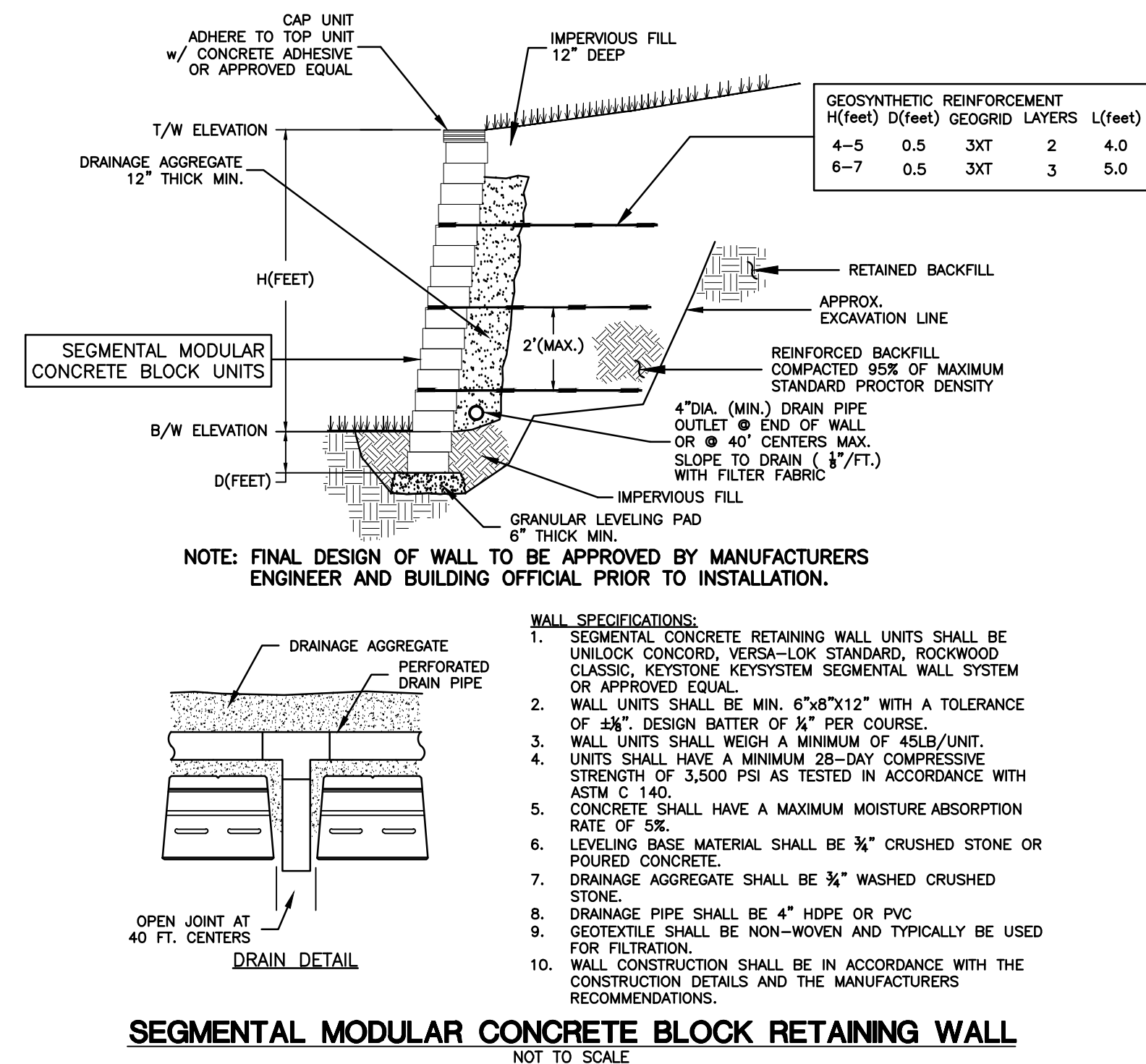
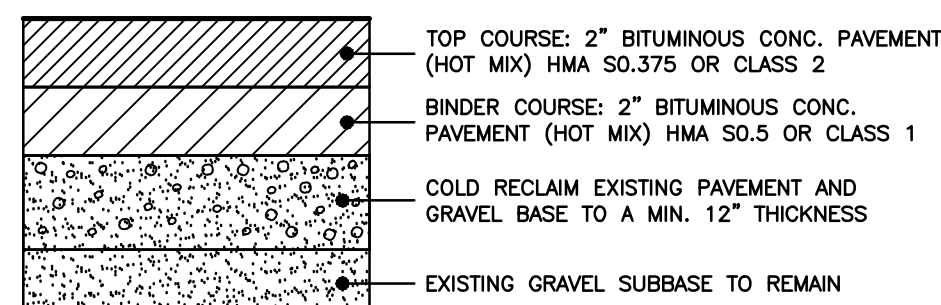
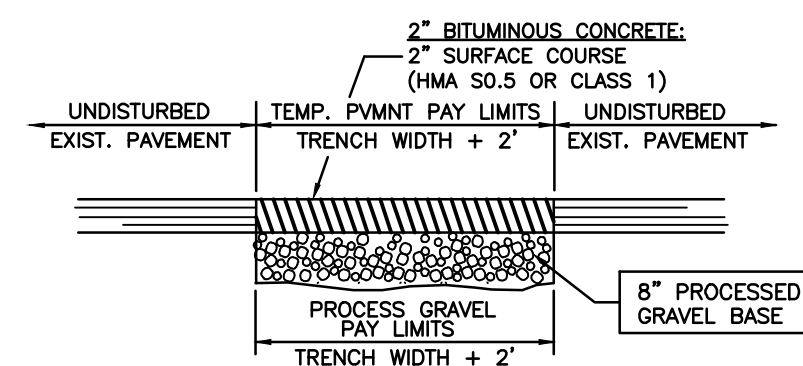
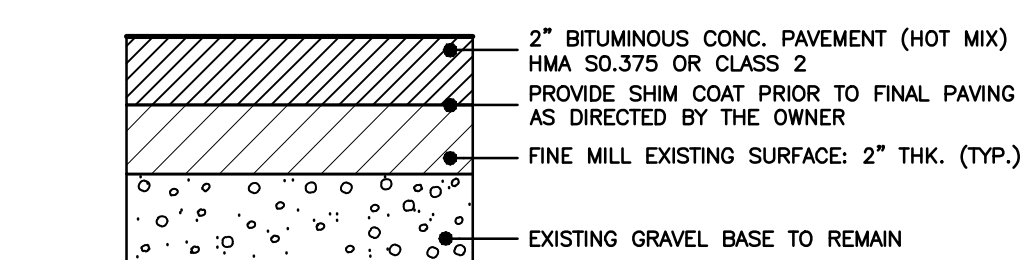
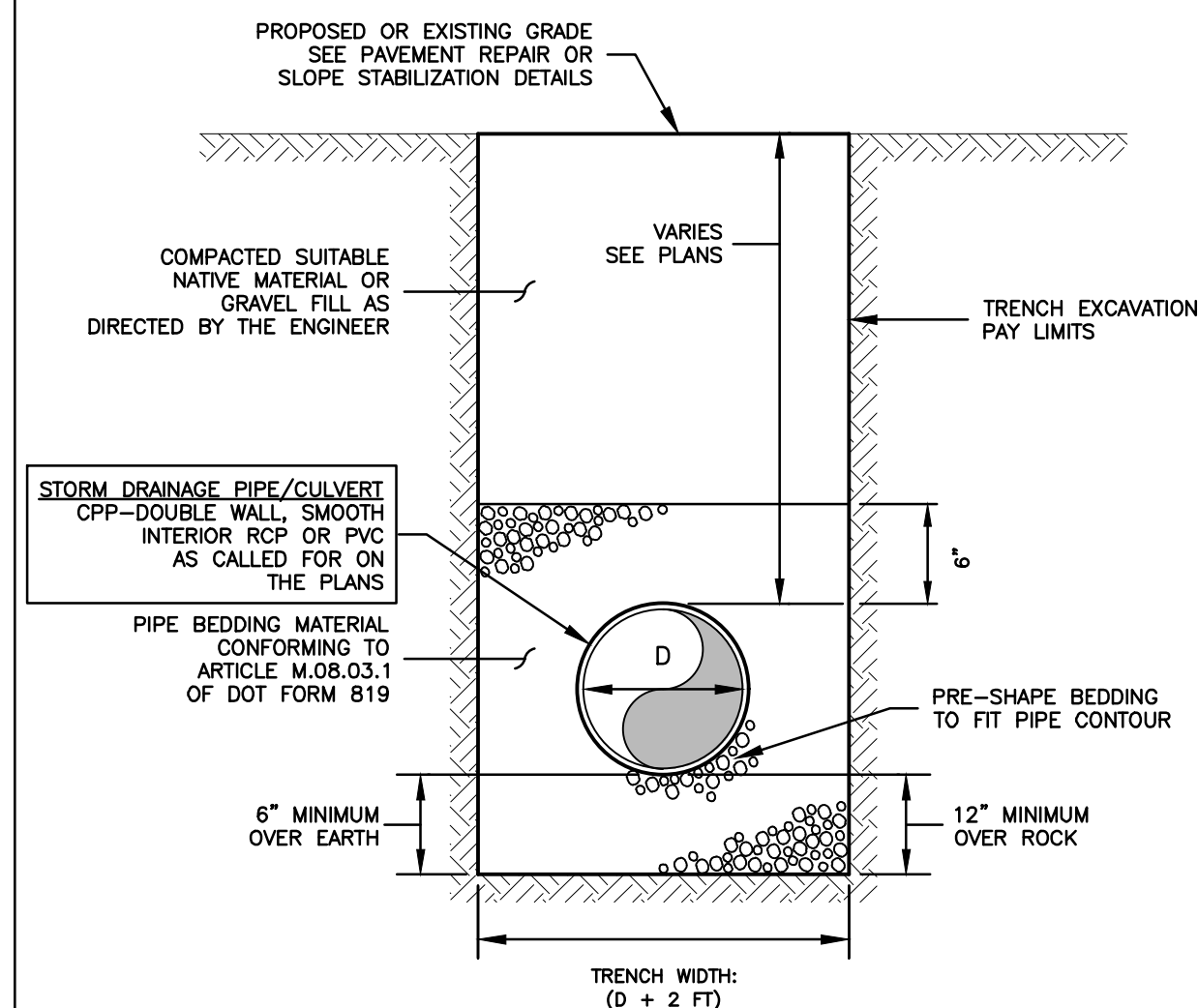
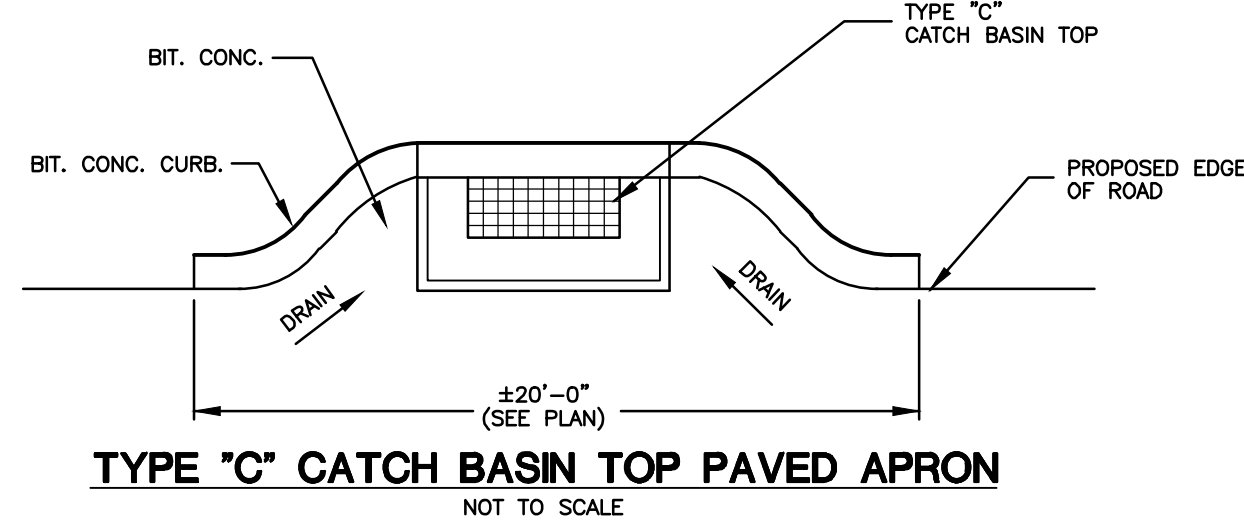
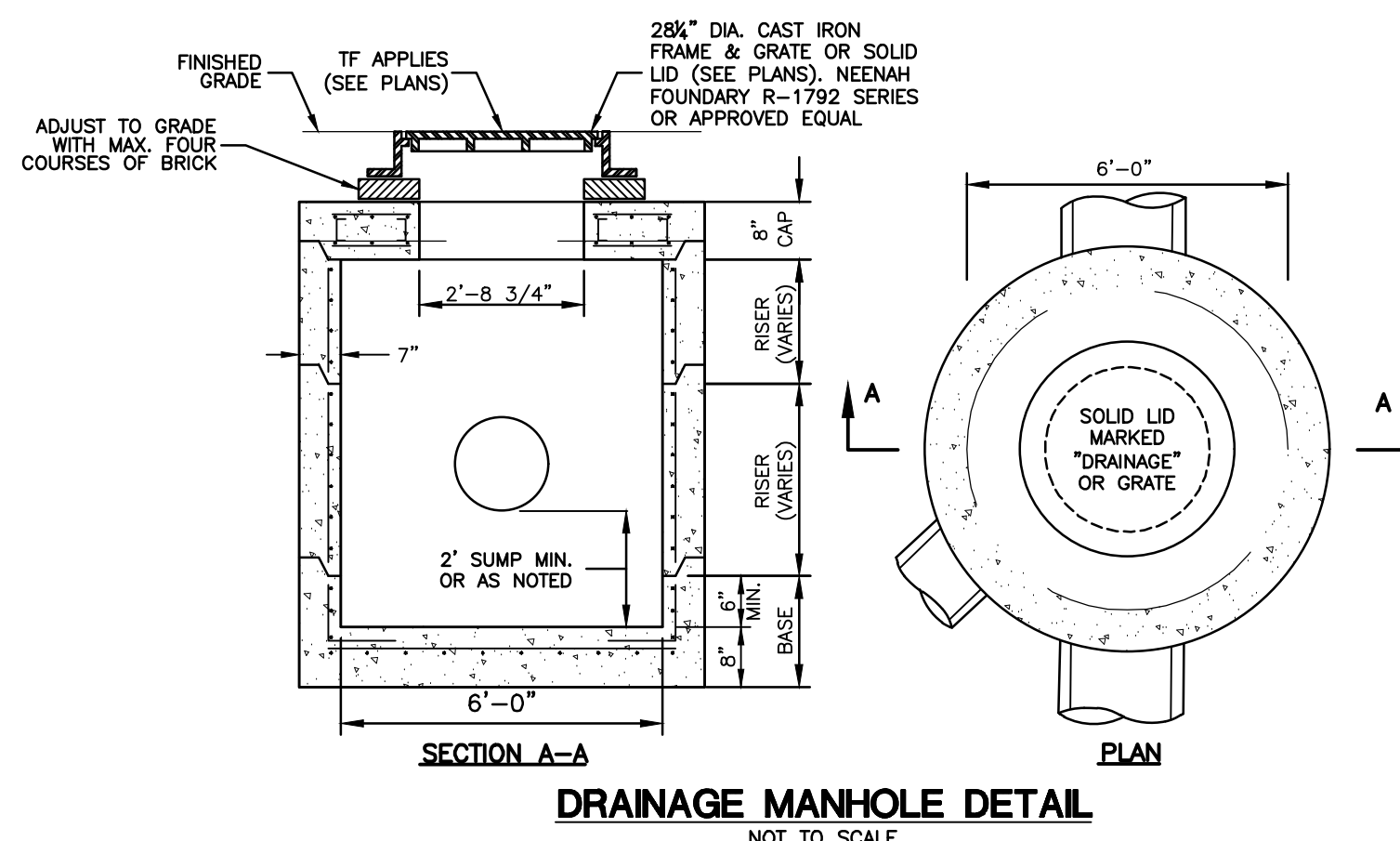
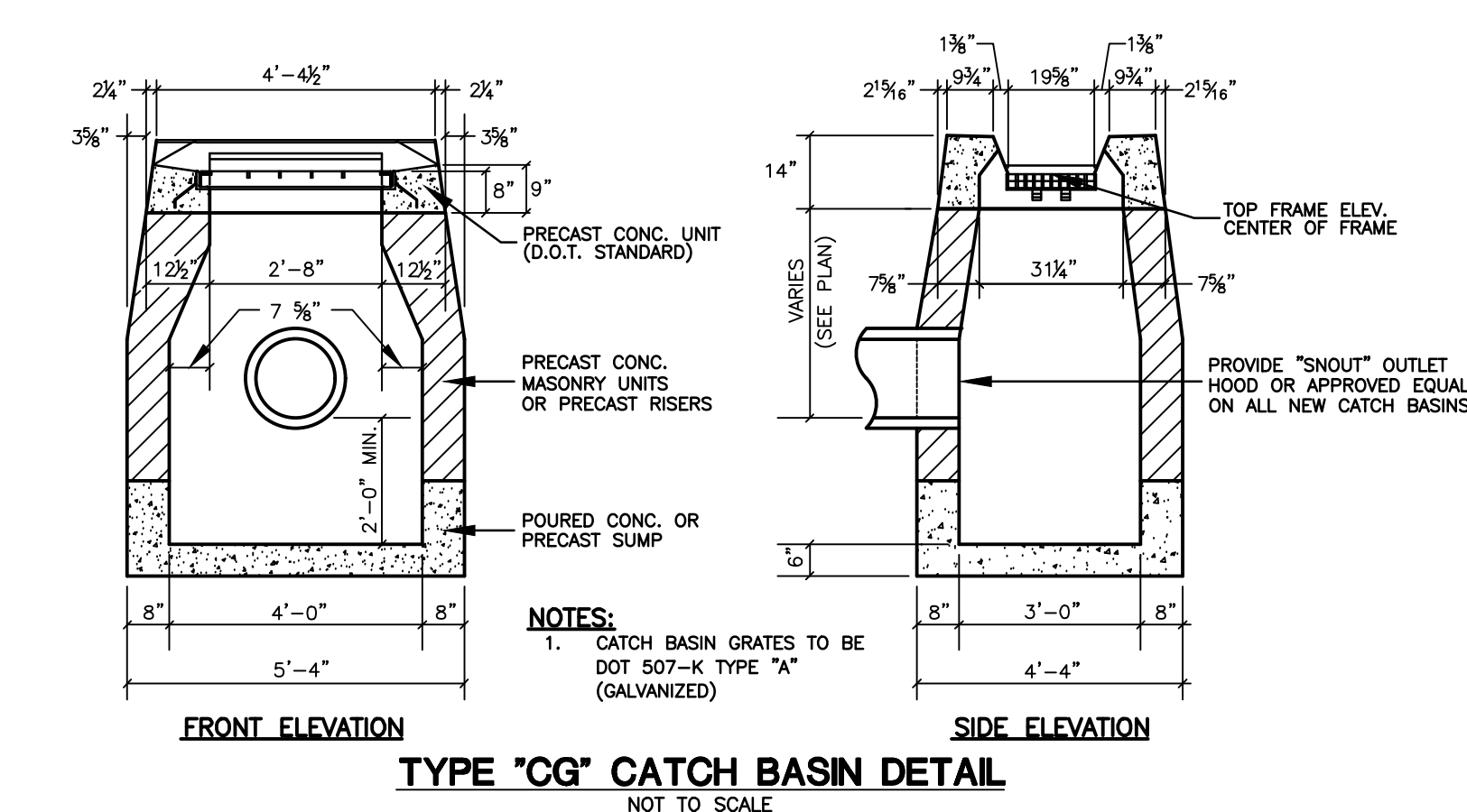
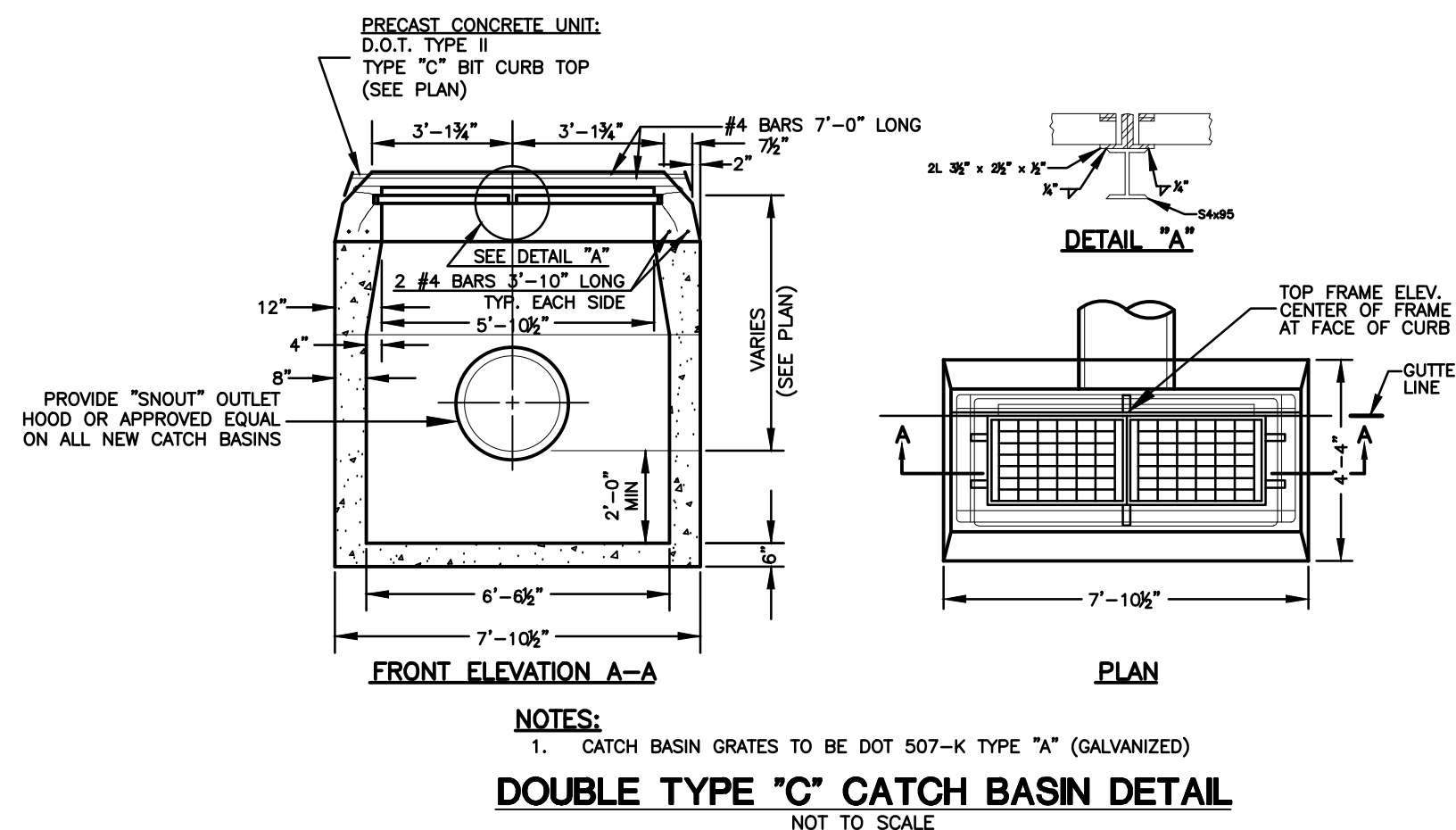
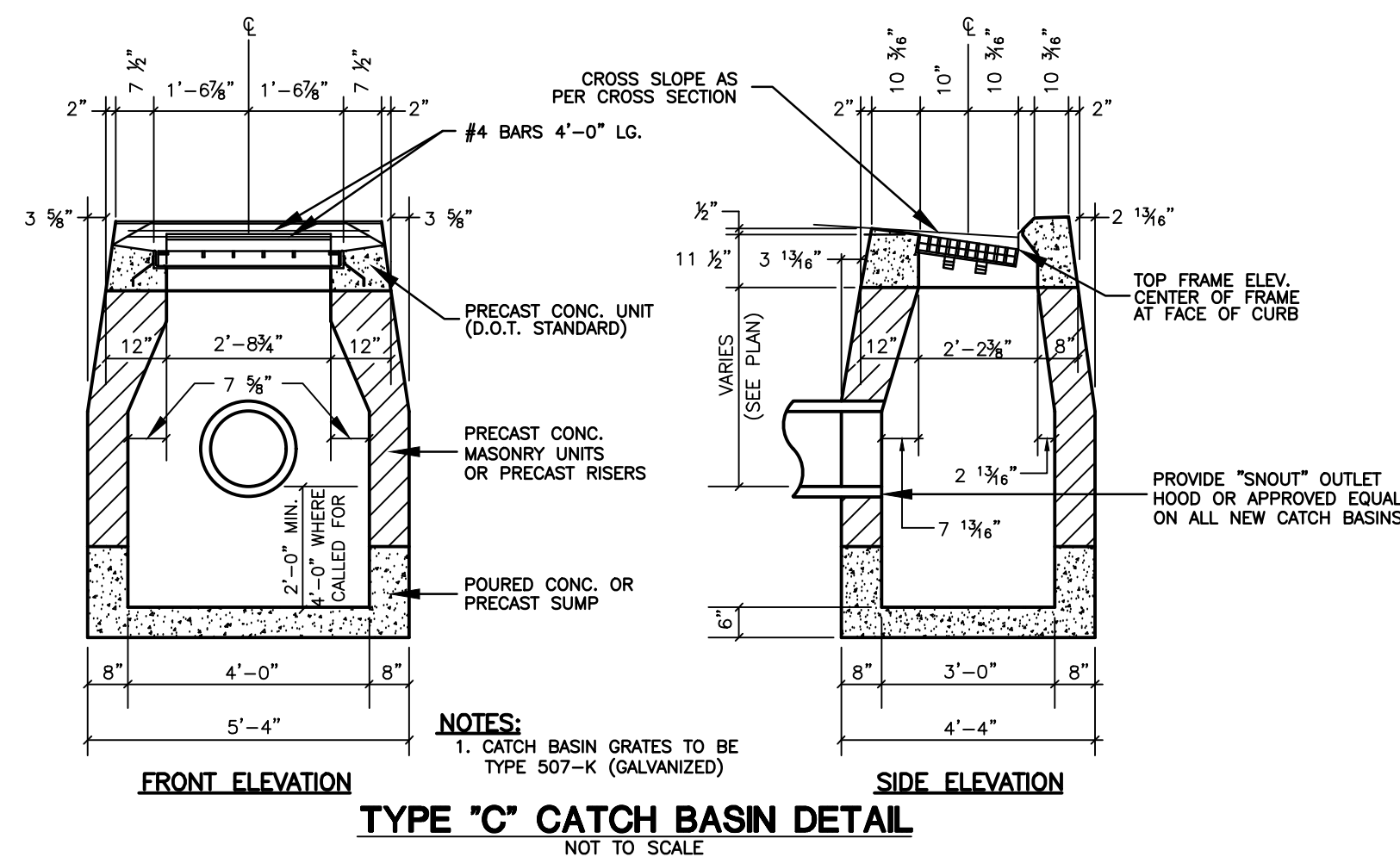
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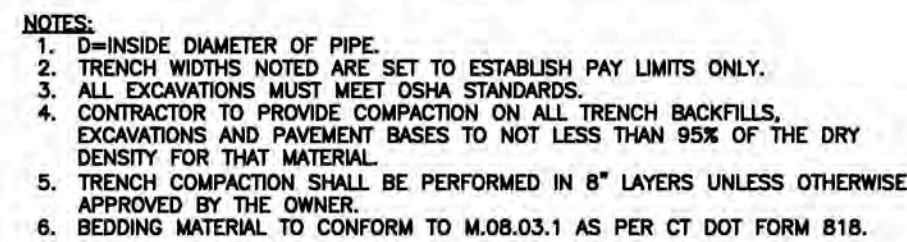
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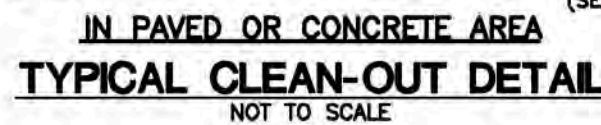
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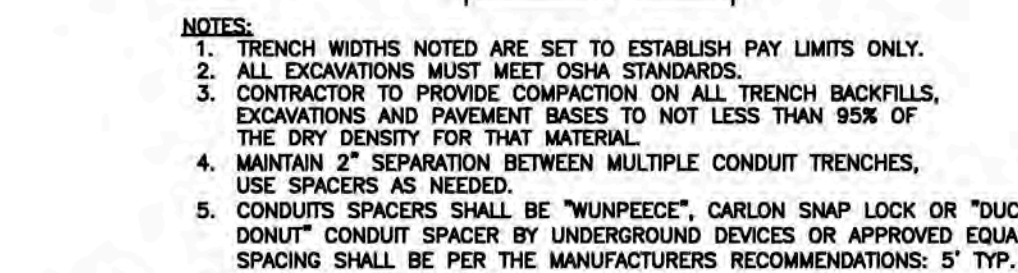
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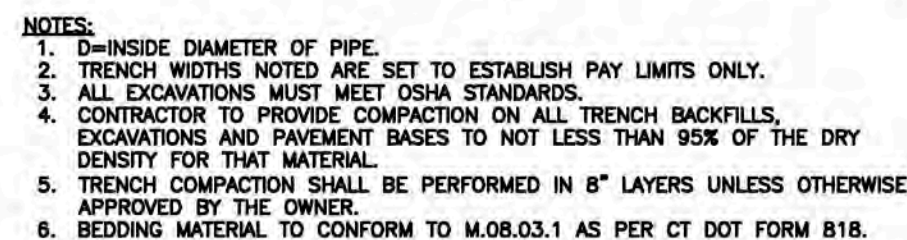
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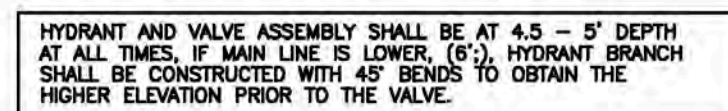
1. THE CONTRACTOR SHALL CONTACT "CALL BEFORE YOU DIG" AT 811 AT LEAST 2 FULL WORKING DAYS PRIOR TO THE START OF CONSTRUCTION.
2. ALL UTILITY AND SERVICE INSTALLATIONS SHALL CONFORM TO THE WATERFORD UTILITY COMMISSION, CITY OF NEW LONDON DEPARTMENT OF PUBLIC UTILITIES AND ALL OTHER PRIVATE UTILITY COMPANY REQUIREMENTS.
3. THE SITE MUST BE AT SUBGRADE BEFORE UTILITIES CAN BE INSTALLED.
4. MINIMUM PIPE SEPARATIONS:
 - A. ELECTRICAL & WATER: 6' (MIN.)
 - B. ELECTRICAL & GAS: 6' (MIN.)
 - C. WATER & SEWER: 10' (MIN.)
 - D. WATER & BUILDINGS: 10' (MIN.)
 - E. WATER & DRAINAGE: 5' (MIN.)
5. WATER:
 - A. MINIMUM COVER OVER WATER MAINS AND SERVICES SHALL BE 4'-6" FROM FINISHED GRADE.
 - B. DISINFECTION AND PRESSURE TESTING SHALL BE IN ACCORDANCE WITH AWWA STANDARDS - ALL WATER SERVICES, OTHER PIPING AND APPURTENANCES SHALL BE VISUALLY INSPECTED UNDER SYSTEM PRESSURE BY THE UTILITY COMPANY.
6. IF NECESSARY THE CONTRACTOR SHALL COORDINATE GAS SERVICE WORK WITH EVERSOURCE.
7. ELECTRICAL SERVICE WORK SHALL BE COORDINATED WITH EVERSOURCE AS REQUIRED.
8. UTILITY POLES AND SUPPORT WIRES SHALL BE TEMPORARILY SUPPORTED DURING CONSTRUCTION AS NEEDED. THE CONTRACTOR SHALL COORDINATE TEMPORARY SUPPORT WITH THE APPLICABLE UTILITY POLE OWNER AS REQUIRED.
9. ALL UTILITY WORK ADJACENT TO UTILITY POLES AND SUPPORT ANCHORS TO BE EXCAVATED BY HAND.
10. ANY CONFLICTS BETWEEN GAS LINES, WATERLINES, AND UNDERGROUND ELECTRIC, WHICH ARE IDENTIFIED DURING CONSTRUCTION SHALL BE RESOLVED IN ACCORDANCE WITH APPLICABLE UTILITY COMPANY STANDARDS



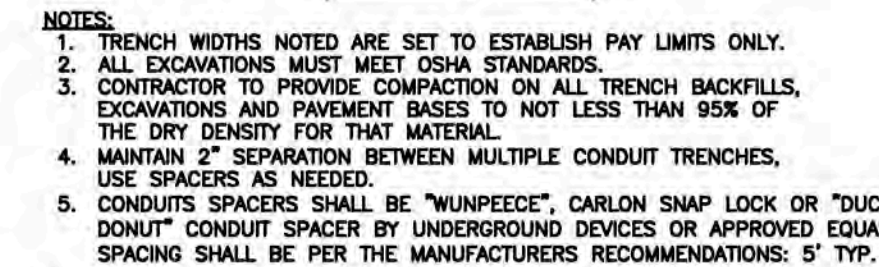
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STAMP



CIVIL CONSTRUCTION DETAILS & NOTES

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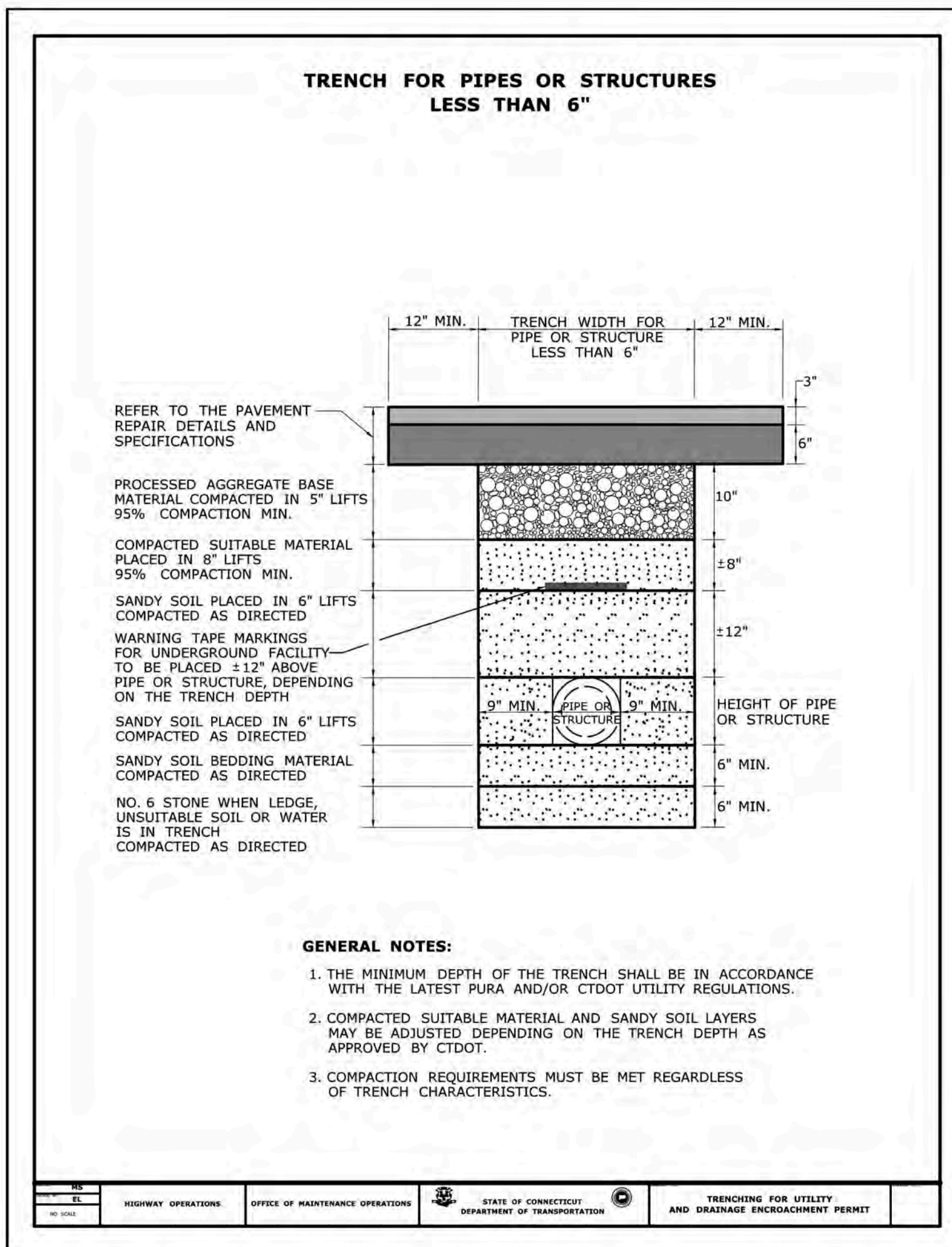
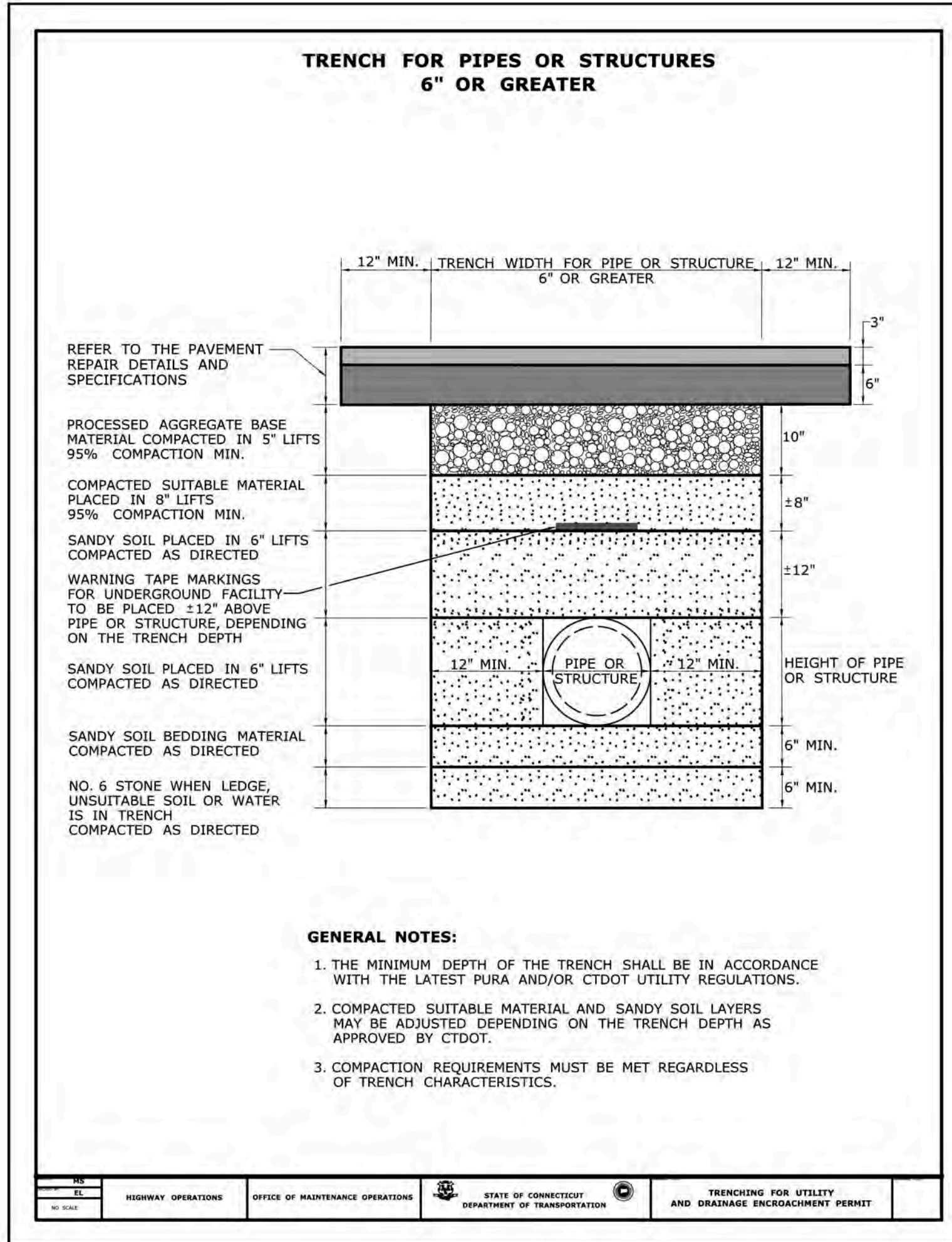
CD-103

1. COMPACTION TESTING SHALL BE PERFORMED ON ALL ROADWAY EXCAVATIONS WITHIN THE STATE RIGHT-OF-WAY. ALL COMPACTION AND DENSITY TESTING SHALL BE PERFORMED BY NETCOP QUALIFIED TESTING PERSONNEL USING A NUCLEAR DENSITY GAUGE THAT HAS RECEIVED ITS ANNUAL CERTIFICATION FROM CTDOT. COMPACTION TESTS ON SOLS AND DENSITY TESTS ON ASPHALT SHALL BE PERFORMED ONCE PER LIFT OF MATERIAL INSTALLED, ONCE EVERY 25 LF OF EXCAVATION. DAILY INSPECTION REPORTS WHICH HAVE BEEN REVIEWED/VERIFIED/STAMPED BY A LICENSED CT PROFESSIONAL ENGINEER SHALL BE SUBMITTED TO THE DISTRICT ON A WEEKLY BASIS. ALL TESTING RESULTS FOR EARTH MATERIALS PROPOSED TO BE USED SHALL BE SUBMITTED TO CTDOT A MINIMUM OF 10 BUSINESS DAYS IN ADVANCE OF THEIR PROPOSED USE. NO MATERIALS MAY BE USED UNLESS IT HAS BEEN TESTED AND RESULTS HAVE BEEN SUBMITTED FOR REVIEW AND ACCEPTED BY CTDOT. THE CONTRACTOR SHALL BE RESPONSIBLE FOR ALL COSTS ASSOCIATED WITH THE REQUIRED CTDOT TESTING, ANALYSIS, AND REPORTING. THE CONTRACTOR SHALL BE SOLELY RESPONSIBLE FOR COORDINATING WITH THEIR SELECTED TESTING AGENCY AND PERFORMING ALL TESTS AT THE INTERVALS INDICATED HEREIN.
2. THE STATE DRAINAGE SYSTEM, WITHIN THE PROJECT LIMITS, WILL BE INSPECTED AND DOCUMENTED PRIOR TO CONSTRUCTION AND AGAIN PRIOR TO FINAL RESTORATION. SHOULD ANY ISSUES ARISE WITH DEBRIS OR DAMAGED DRAINAGE FACILITIES CAUSED BY CONSTRUCTION ACTIVITIES, THE PERMITEE SHALL BE RESPONSIBLE TO CLEAN/REPAIR THE SYSTEM AT THEIR OWN EXPENSE. EROSION CONTROLS SHALL BE INSTALLED AND MAINTAINED THROUGHOUT THE PROJECT.
3. ALL PAVEMENTS SHALL BE CUT IN NEAT, STRAIGHT LINES TO A DEPTH NECESSARY TO REMOVE THE PAVEMENT TO THE SUBBASE. THE SAW CUTTING SLURRY MUST NOT BE ALLOWED TO ENTER THE STATE'S DRAINAGE SYSTEM. THE PERMITEE SHALL KEEP OPEN ROADWAYS CLEAN AND FREE OF CONSTRUCTION DEBRIS, DIRT, LOOSE GRAVEL, OR OTHER MATERIAL THAT MAY CAUSE HAZARDOUS DRIVING CONDITIONS AND SHALL HAVE A STREET SWEEPER AVAILABLE AT ALL TIMES, AND SHALL SWEEP THE ROAD AS NEEDED, NOT LESS THAN TWICE PER DAY.
4. THERE SHALL BE NO STAGING/STORAGE OF MATERIAL OR EQUIPMENT WITHIN THE STATE ROW AT ANY TIME OTHER THAN WORKING HOURS.
5. THE USE OF STEEL PLATES TO COVER OPEN TRENCHES WITHIN THE HIGHWAY RIGHT OF WAY WILL NOT BE ALLOWED WITHOUT WRITTEN PERMISSION FROM CTDOT. NO PERMISSION FOR THE USE OF STEEL PLATES WILL BE GIVEN AFTER OCTOBER 31.
6. ALL WORK TO CONFORM TO THE STATE OF CONNECTICUT DEPARTMENT OF TRANSPORTATION STANDARD SPECIFICATIONS FOR ROADS, BRIDGES AND INCIDENTAL CONSTRUCTION FORM 819, DATED JULY 2025, AS REVISED.
7. NEW PAVEMENT MARKINGS SHALL BE EPOXY RESIN AND SHALL CONFORM TO SECTION 12.10 OF DOT FORM 819.
8. REMOVAL OF EXISTING PAVEMENT MARKINGS SHALL CONFORM TO SECTION 12.11 OF DOT FORM 819.
9. HARTFORD TURNPIKE (ROUTE 85) IS A STATE HIGHWAY. THE CONTRACTOR SHALL OBTAIN AN ENCROACHMENT PERMIT FROM CTDOT DISTRICT 2 FOR ALL WORK WITHIN THE STATE RIGHT-OF-WAY WORK AND SHALL PROVIDE TRAFFIC CONTROL AS REQUIRED BY THE STATE.



Work performed within the Connecticut Department of Transportation's right-of-way paved roadway should be in compliance with the Standard Specifications for Roads, Bridges, Facilities and Incidental Construction; including all supplements and revisions, Encroachment Permit-Pavement Repair Drawing and other applicable standards.

Bituminous Concrete: Section 4.06	3" HMA S0.5 TRAFFIC LEVEL 2, PLACED IN TWO EQUAL LIFTS OR AS DIRECTED BY THE PERMIT INSPECTOR
	6" HMA S1.0 TRAFFIC LEVEL 2, PLACED IN TWO EQUAL LIFTS OR MATCH EXISTING PAVEMENT OR PORTLAND CEMENT CONCRETE THICKNESS, WHICHEVER IS GREATER <i>Minimum of 92% Compaction</i>
Processed Aggregate Base: Section 3.04 Spec. M.05.01	10" PROCESSED AGGREGATE BASE MATERIAL COMPACTED IN 5" LIFTS <i>Minimum of 95% Compaction</i>
Compacted Granular Fill: Section 2.14 Spec. M.02.02	PLACE IN 8" LIFTS OR AS DIRECTED BY THE PERMIT INSPECTOR <i>Minimum of 95% Compaction</i>
Bedding Material: Spec. M.08.03	Apex 1 foot of Bedding Cover
	Bedding 
	Bedding/Stone



850 HARTFORD TURNPIKE
WATERFORD, CT 06385

CONSULTANTS

LANDSCAPE
KENT+
FROST
ARCHITECTURE

1 HIGH STREET
MYSTIC, CT 06355
860.572.0784
kentfrost.com

CLA Engineers, Inc.
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317 Main Street Norwich, Connecticut
860-886-1966 claengineers.com

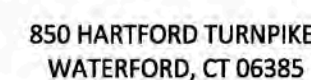
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CTDOT
CONSTRUCTION
DETAILS & NOTES

DRAWN BY: KJH
CHECKED BY: KJH
SCALE: AS NOTED
PROJECT #: CLA-8185

CD-200

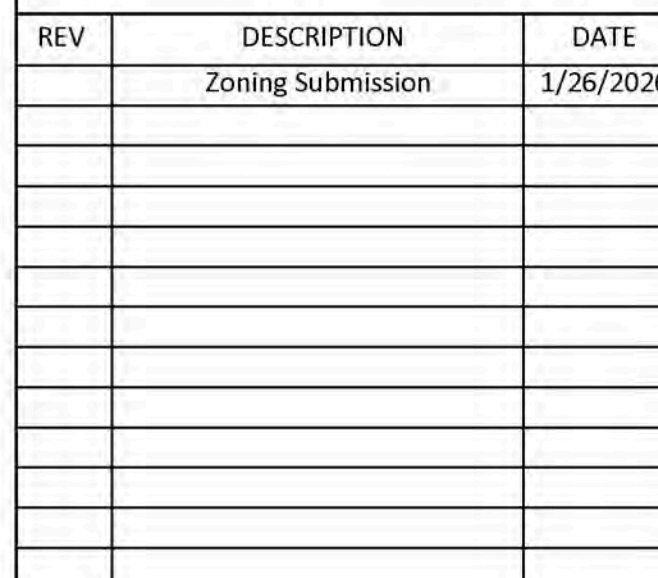


LANDSCAPE
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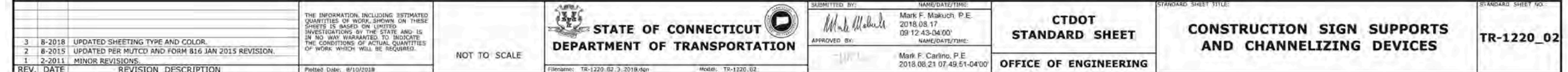
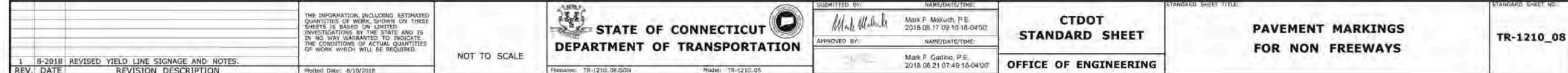
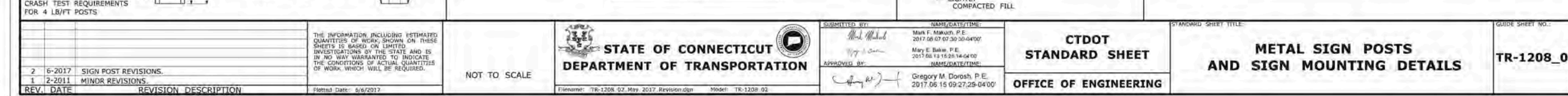
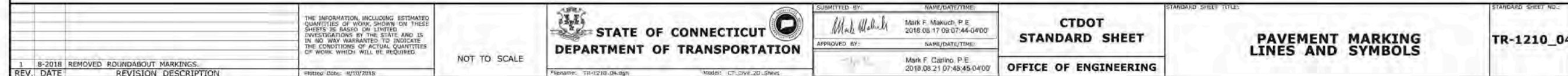
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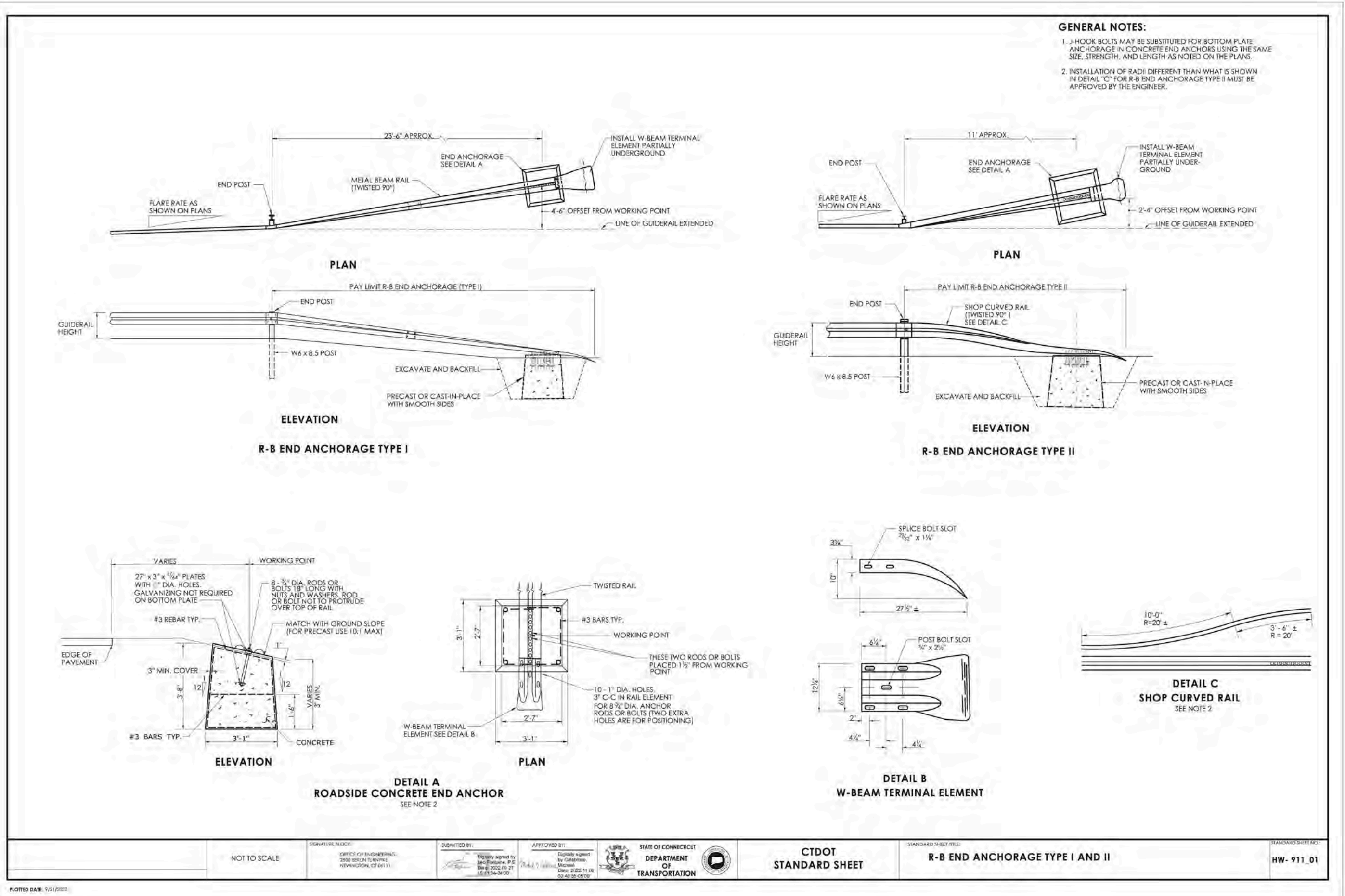


CTDOT
CONSTRUCTION
DETAILS & NOTES

DRAWN BY: KJH
CHECKED BY: KJH
SCALE: AS NOTED
PROJECT #: CLA-8185

CD-201





PROJECT

GENERAL DYNAMICS
Electric Boat

CRYSTAL MALL ADAPTIVE REUSE

350 HARTFORD TURNPIKE
WATERFORD, CT 06385

CONSULTANTS

FCA

Architecture
Interior Design
Planning

LANDSCAPE

KENT+
FROST

ARCHITECTURE

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kentfrost.com

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Norwich, Connecticut
claengineers.com

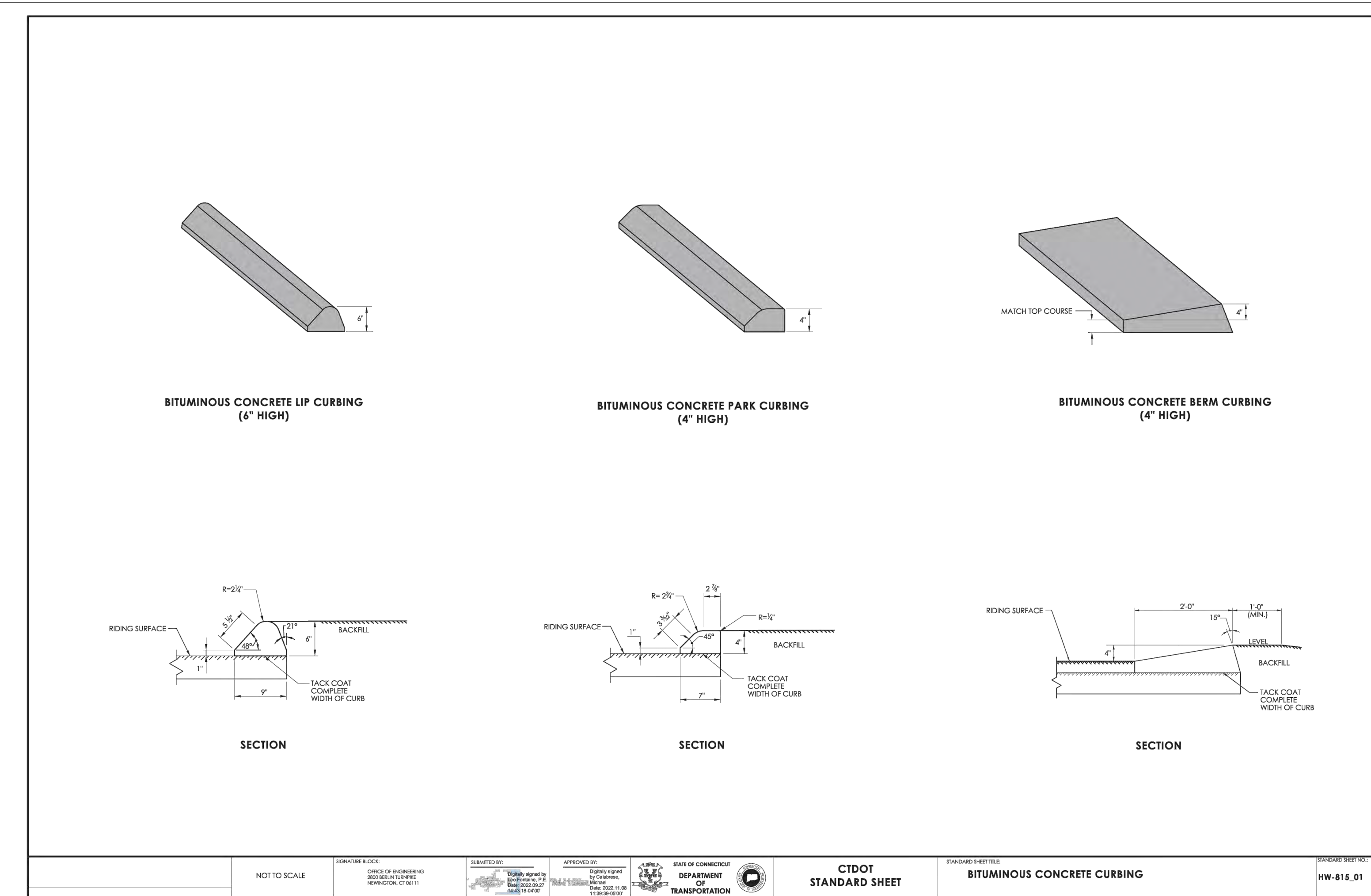
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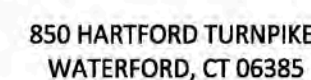
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CTDOT
CONSTRUCTION
DETAILS & NOTES

DRAWN BY: KJH
CHECKED BY: KJH
SCALE: AS NOTED
PROJECT #: CLA-8185

CD-202





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STAMP

[illegible]

DRAWN BY: KJH
CHECKED BY: KJH
SCALE: AS NOTED
PROJECT #: CLA-8185

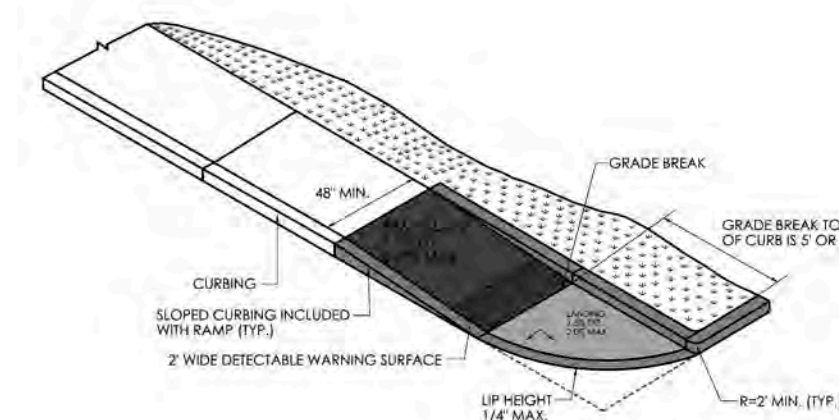
CD-204



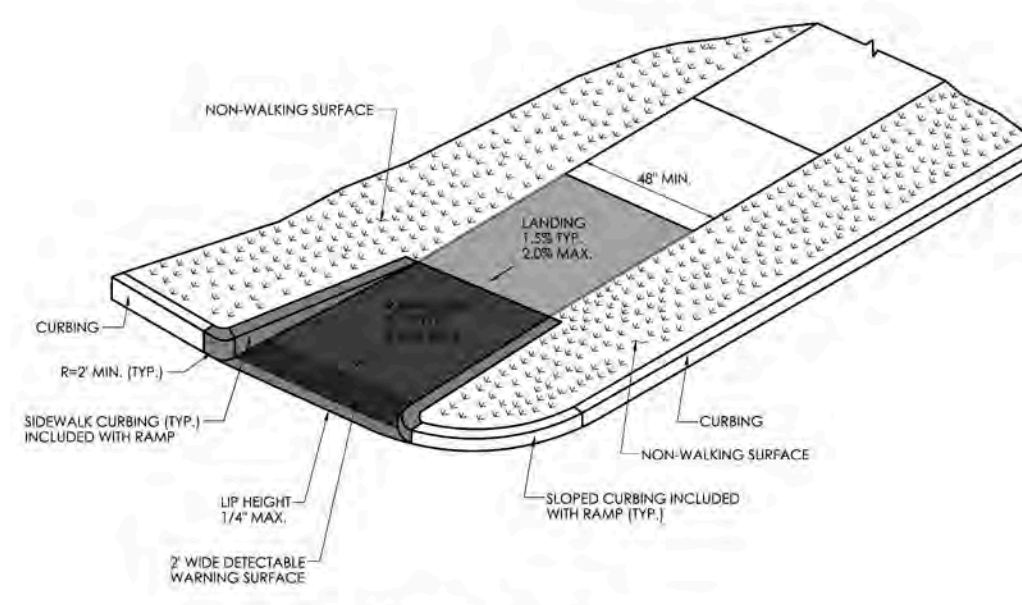
RAMP WARPING DETAIL

1. TRANSITION SIDEWALK RAMP TO MATCH ROADWAY PROFILE AS GRADUALLY AS POSSIBLE. DO NOT EXCEED 3% PER FOOT CROSS-SLOPE RATE OF CHANGE WHEN TRANSITIONING TO ROADWAY PROFILE;
2. COMPLETE TRANSITION TO ROADWAY PROFILE BEFORE DETECTABLE WARNING SURFACE.

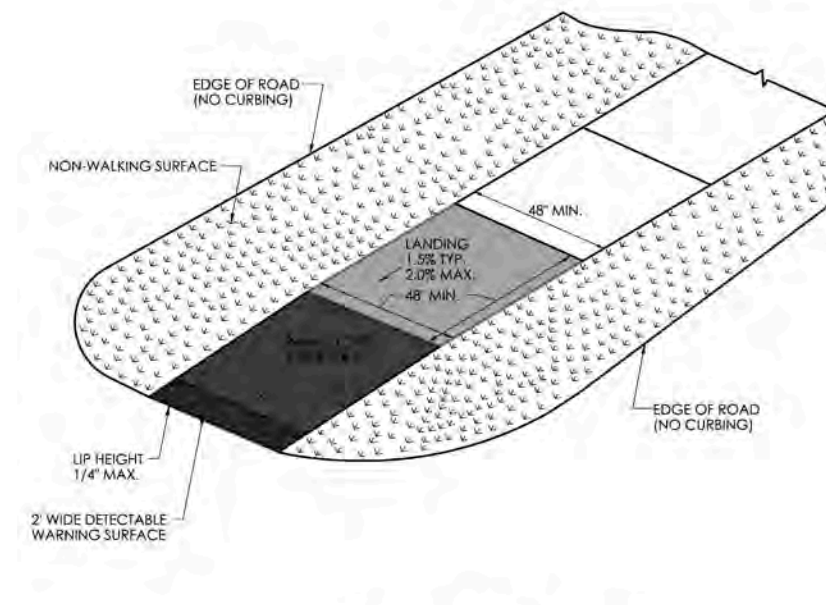
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				SHEETING SET: CONCRETE SIDEWALK SHEET # 1 OF 11	



**SINGLE DIRECTION RAMP
GRADE BREAK TO THE BACK
OF CURB IS 5' OR LESS
(TYPE 15)**

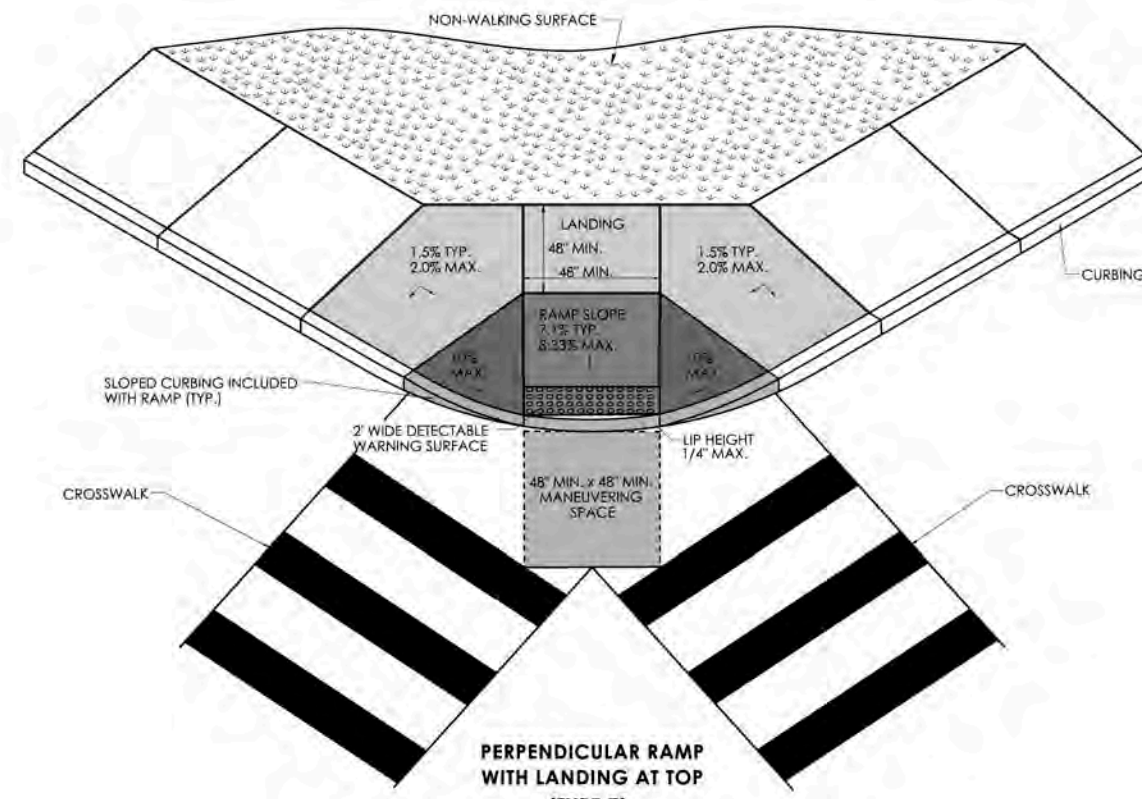


**SINGLE DIRECTION - RETURN CUR
WITH NON-WALKING SURFACE
(TYPE 16)**



SINGLE DIRECTION - NO CURB
WITH NON-WALKING SURFACE
(TYPE 17)

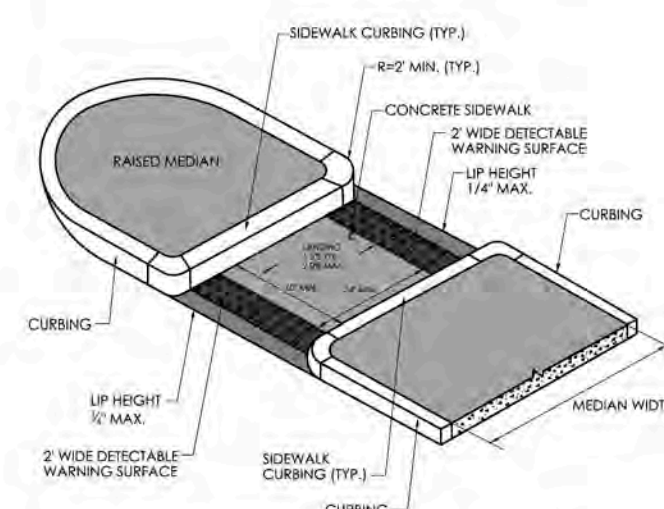
EXHIBIT NO. _____ DATE _____		EXHIBIT NO. _____ DATE _____	ATTACHED BY _____ DATE _____	 DEPARTMENT OF TRANSPORTATION	PROJECT NUMBER: 000-0000 PROJECT DESCRIPTION: SAMPLE PROJECT DESCRIPTION (OWNER: SAMPLE TOWNSHIP) (SHEET NO. 1 OF 1)	SHEET NO. _____
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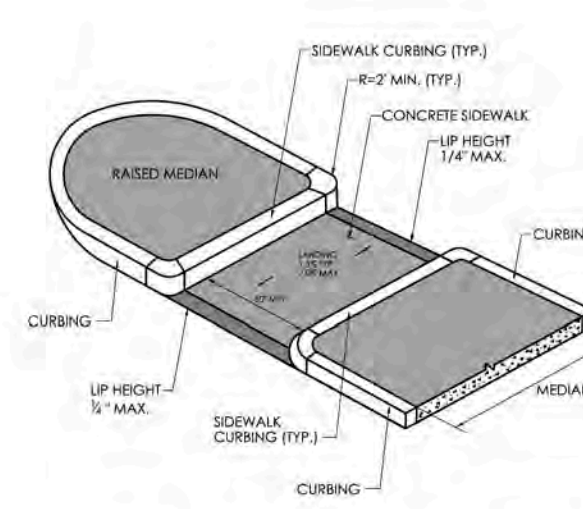
PERPENDICULAR RAMP
WITH LANDING AT TOP
(TYPE 6)

TH LANDING AT TOP (TYPE 7)

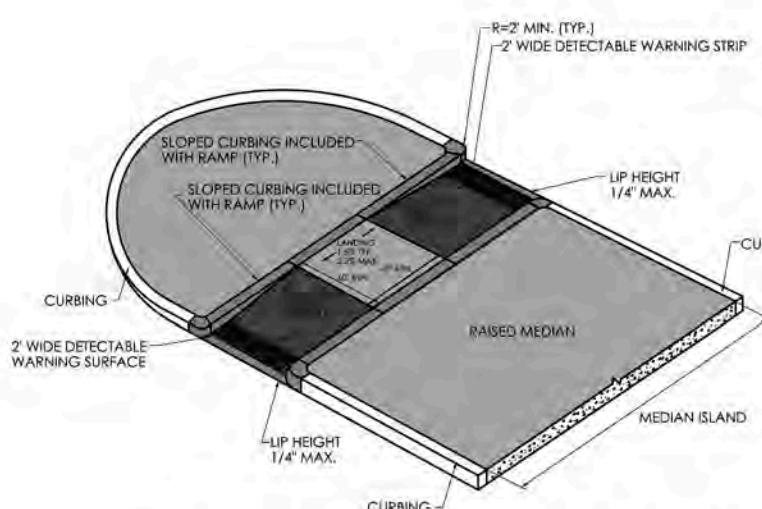
DRAWING NO. 0000-0000 PROJECT DESCRIPTION: SAMPLE PROJECT DESCRIPTION TOWN: SAMPLE TOWNS SHEET NO. 3 OF 3		DEPARTMENT OF TRANSPORTATION	PROJECT NUMBER: 0000-0000 PROJECT DESCRIPTION: SAMPLE PROJECT DESCRIPTION TOWN: SAMPLE TOWNS SHEET NO. 3 OF 3	DRAWING TITLE: CONCRETE SIDEWALK RAMPS SHEET 3 OF 3
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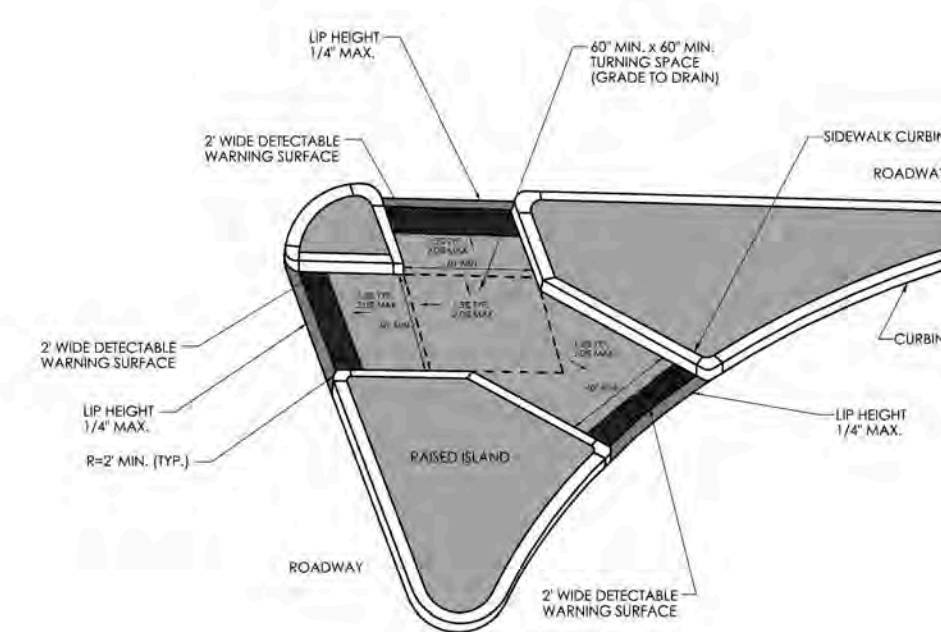
CUT-THROUGH PEDESTRIAN REFUGE ISLAND
MEDIAN WIDTH 6' OR MORE
(TYPE 22)



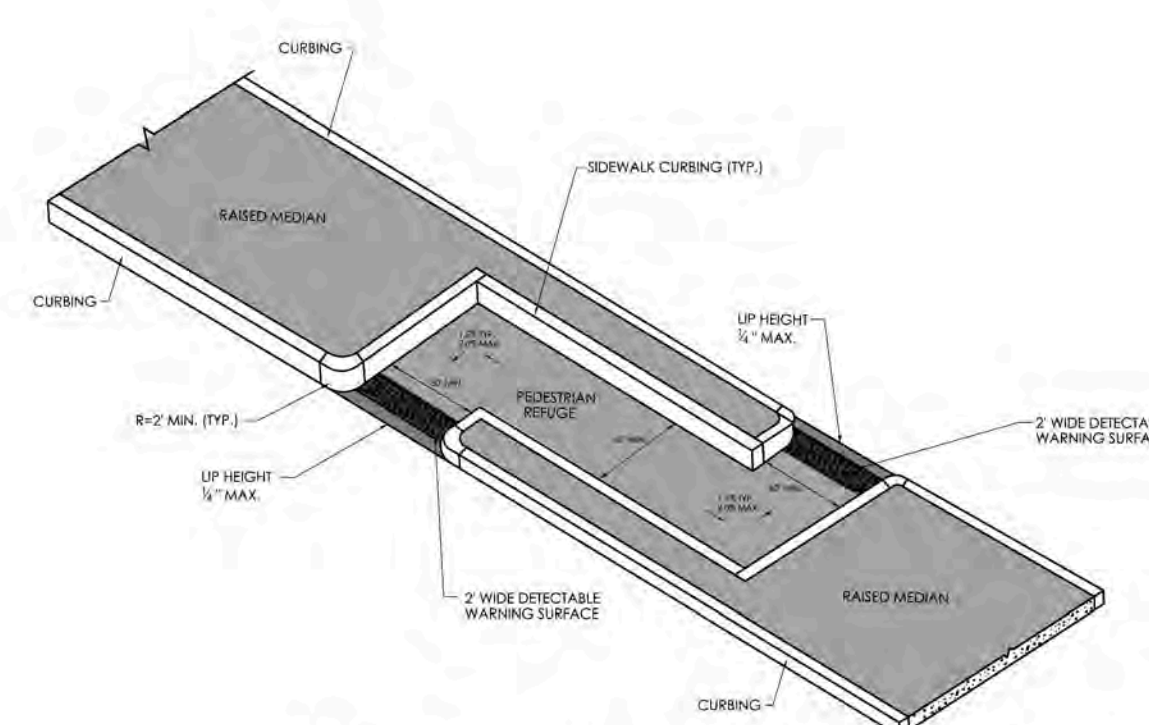
CUT-THROUGH PEDESTRIAN REFUGE ISLAND
MEDIAN WIDTH LESS THAN 6'
(TYPE 23)



**PEDESTRIAN REFUGE ISLAND WITH LANDING AND RAMPS
(TYPE 24)**

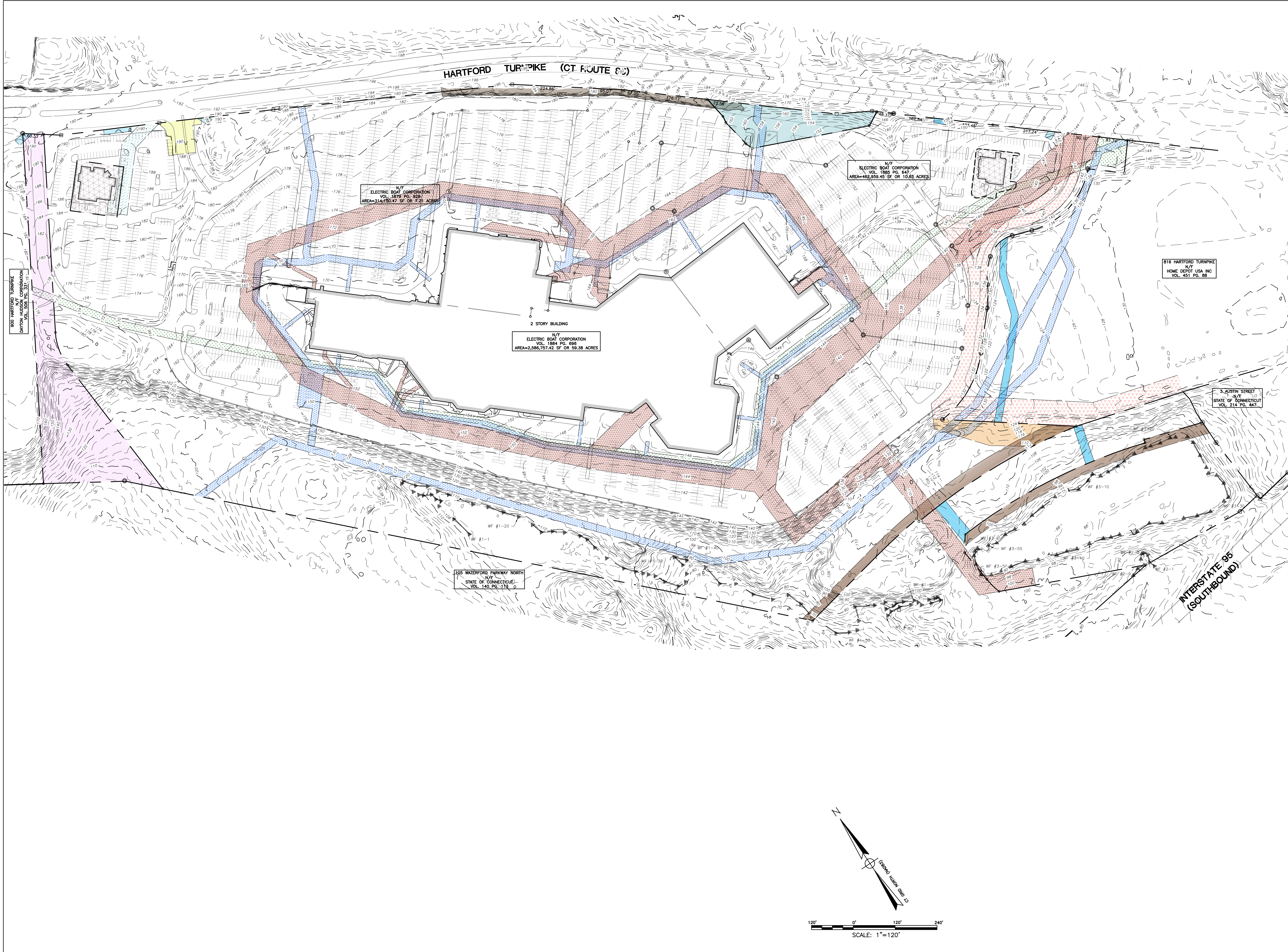


CUT-THROUGH PEDESTRIAN REFUGE ISLAND (TYPE 25)



**CUT-THROUGH PEDESTRIAN REFUGE
OFFSET CONFIGURATION
(TYPE 26)**

		REMARKS BLOCK	APPROVED BY	 PROJECT NUMBER: 0000-0000 PROJECT DESCRIPTION: SAMPLE PROJECT DESCRIPTION TOWNSHIP: SAMPLE TOWNSHIP DRAWING TITLE: CONCRETE SIDEWALK RAAPS SHEET # OF 1	DRAWN BY
CHECKED BY	DESIGNED BY	SOURCE OF ENGINEERING 200 BELLA VISTA KNOXVILLE, TN 37912			SHEET NO.



DME DESIGN LLC
285 NICOLL ST. SUITE 107
NEW HAVEN, CT 06511

PROJECT
GENERAL DYNAMICS
Electric Boat

CRYSTAL MALL
ADAPTIVE REUSE

850 HARTFORD TURNPIKE
WATERFORD, CT 06385

CONSULTANTS
FCA

Architecture
Interior Design
Planning

LANDSCAPE

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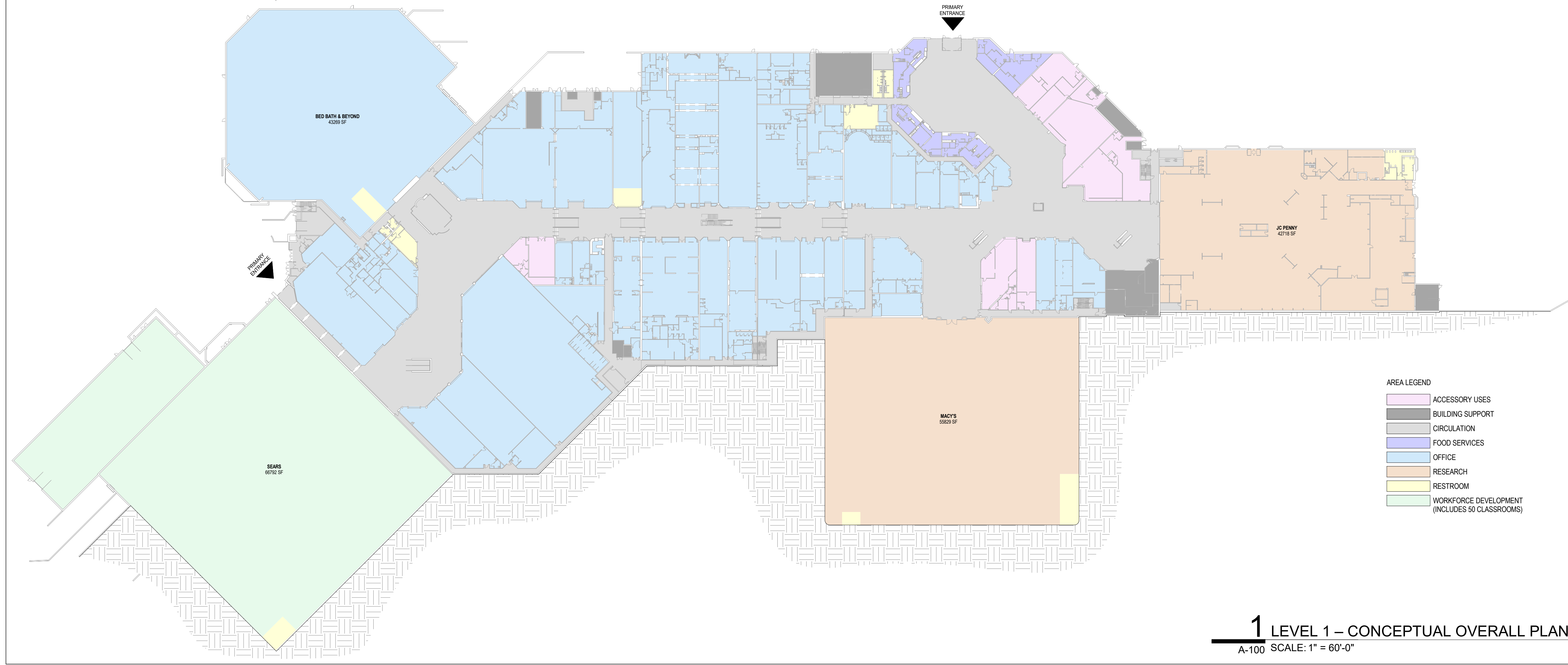
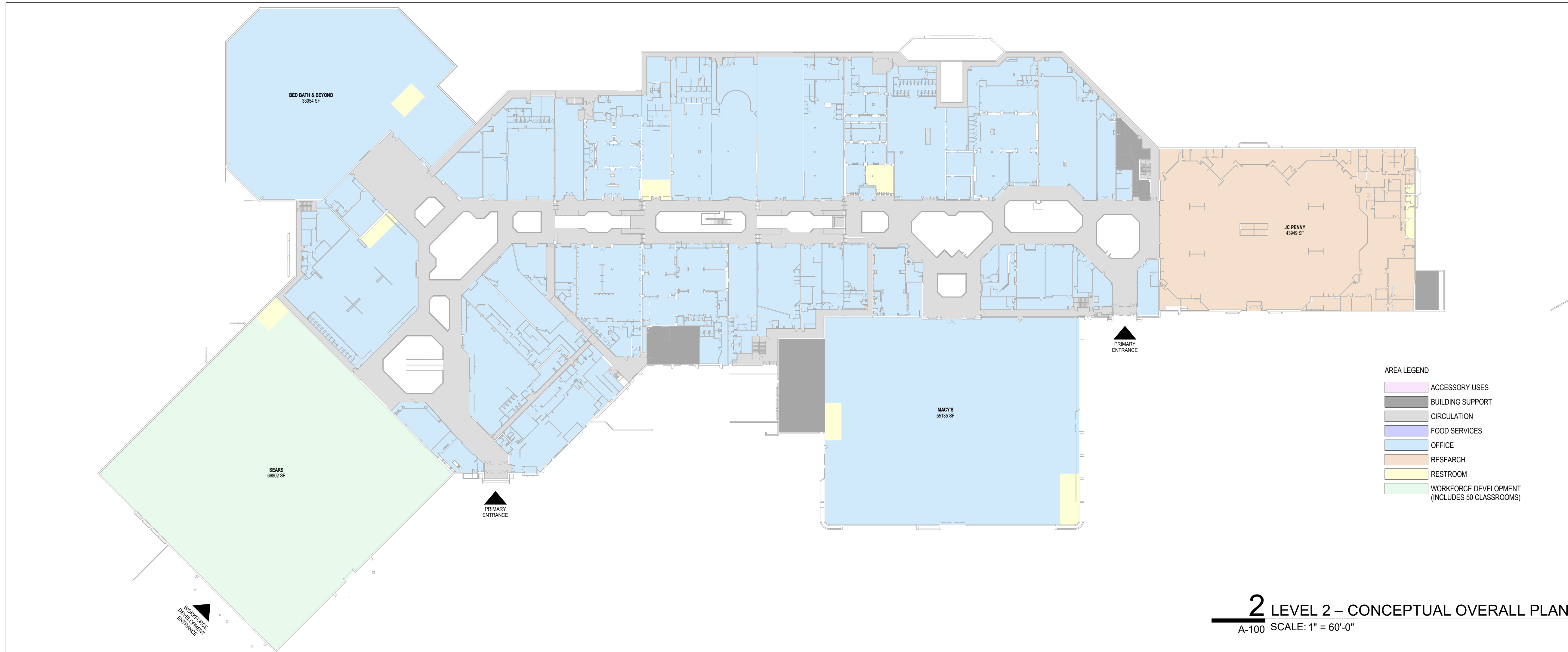
KEY PLAN

REV	DESCRIPTION	DATE
	Zoning Submission	1/26/2026

TOPOGRAPHIC SURVEY

DRAWN BY: NS
CHECKED BY: NS
SCALE: AS NOTED
PROJECT #: CLA-8185

Ex-2



AREA SCHEDULE		
LEVEL	AREA TYPE	SF
ACCESSORY USES		
Level 1	ACCESSORY USES	16741 SF
		16741 SF
BUILDING SUPPORT		
Level 1	BUILDING SUPPORT	8076 SF
Level 2	BUILDING SUPPORT	9578 SF
		17655 SF
CIRCULATION		
Level 1	CIRCULATION	80770 SF
Level 2	CIRCULATION	60861 SF
		141630 SF
FOOD SERVICES		
Level 1	FOOD SERVICES	6265 SF
		6265 SF
OFFICE		
Level 1	OFFICE	185204 SF
Level 2	OFFICE	263387 SF
		449190 SF
RESEARCH		
Level 1	RESEARCH	98547 SF
Level 2	RESEARCH	43949 SF
		142496 SF
RESTROOM		
Level 1	RESTROOM	6609 SF
Level 2	RESTROOM	5559 SF
		12168 SF
WORKFORCE DEVELOPMENT (INCLUDES 50 CLASSROOMS)		
Level 1	WORKFORCE DEVELOPMENT (INCLUDES 50 CLASSROOMS)	82018 SF
Level 2	WORKFORCE DEVELOPMENT (INCLUDES 50 CLASSROOMS)	66802 SF
		148820 SF
Grand total		934967 SF

dme
DME DESIGN LLC
285 NICOLL ST. SUITE 107
NEW HAVEN, CT 06511

PROJECT

GENERAL DYNAMICS
Electric Boat

CRYSTAL MALL
850 HARTFORD TURNPIKE SUITE L113, WATERFORD, CT
06385

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Interior Design
Planning

LANDSCAPE

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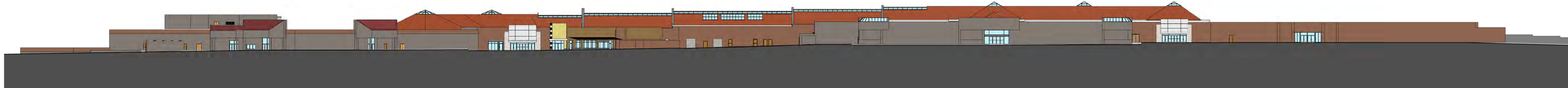
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KEY PLAN

[illegible]

CONCEPTUAL ZONING PLANS

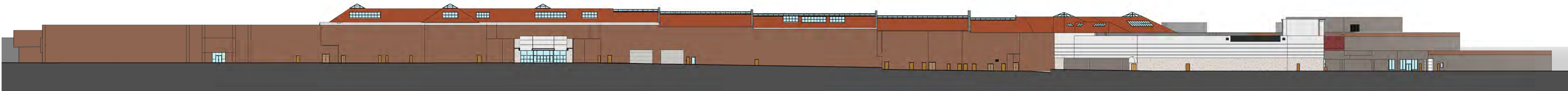
DRAWN BY:Author	A-100
CHECKED BY:Checker	
SCALE: 1" = 60'-0"	
PROJECT #:YYYYNNN	



1 PLAN SOUTH EXISTING ELEVATION
A-300 SCALE: 1" = 60'-0"



2 PLAN EAST EXISTING ELEVATION
A-300 SCALE: 1" = 60'-0"



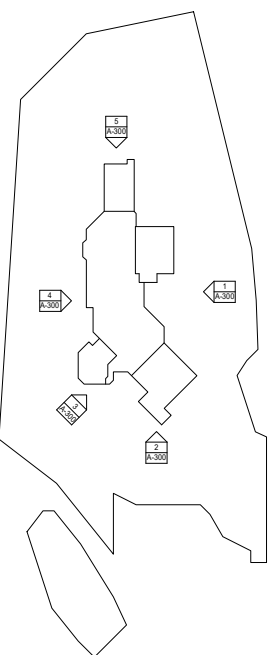
3 PLAN NORTH EXISTING ELEVATION
A-300 SCALE: 1" = 60'-0"



4 PLAN NORTHWEST ELEVATION
A-300 SCALE: 1" = 60'-0"



5 PLAN WEST EXISTING ELEVATION
A-300 SCALE: 1" = 60'-0"



REV	DESCRIPTION	DATE

EXISTING DRAWINGS