

NOTES:

- COORDINATES, IN FEET, ARE BASED UPON THE NORTH AMERICAN DATUM OF 1983 (NAD 83). THE VERTICAL DATUM IS REFERENCED TO THE NORTH AMERICAN VERTICAL DATUM OF 1988 (NAVD 88).
- THE NAVD88 ELEVATIONS ARE APPROXIMATELY 0.708 FT LOWER THAN THE NGVD29 ELEVATIONS USED IN THE ORIGINAL FLOOD CONTROL DESIGN PLANS, BASED ON AN ANALYSIS PERFORMED BY CIVILVIEW, INC.
- EXISTING CONDITIONS INFORMATION OBTAINED VIA:
 - AERIAL AND ON-THE-GROUND SURVEY COMPLETED BY CIVIL DESIGN CONSULTANTS, INC. IN DECEMBER OF 2018 AND 2019.
 - PLAN ENTITLED "CHICOPEE RIVER FLOOD CONTROL CHICOPEE FALLS" BY HERITAGE SURVEYS IN MARCH OF 2014
 - PLANIMETRIC AND TOPOGRAPH DATASET PROVIDED BY INFOTECH, INC. IN JANUARY OF 2010.
 - PLAN OF LAND COMPLETED BY DURKEE, WHITE, TOWNE, AND CHAPDELAINE IN 2012.
 - FIELD OBSERVATIONS AND ON-THE-GROUND SURVEY BY BETA GROUP, INC FROM 2016 TO 2020.



LEGEND

	EXISTING SITE BUILDING
	BUILDING DEMOLISHED AS OF AUGUST 2022
	PROPERTY LINE
	APPROX. LIMIT OF CHICOPEE RIVER
	APPROX. LIMIT OF USACE PARCEL (TRACT R8)
	PROPOSED FILL AREA
	100-YEAR FEMA FLOOD ZONE



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 Chicopee, MA
 Issue Date: 9-12-2022

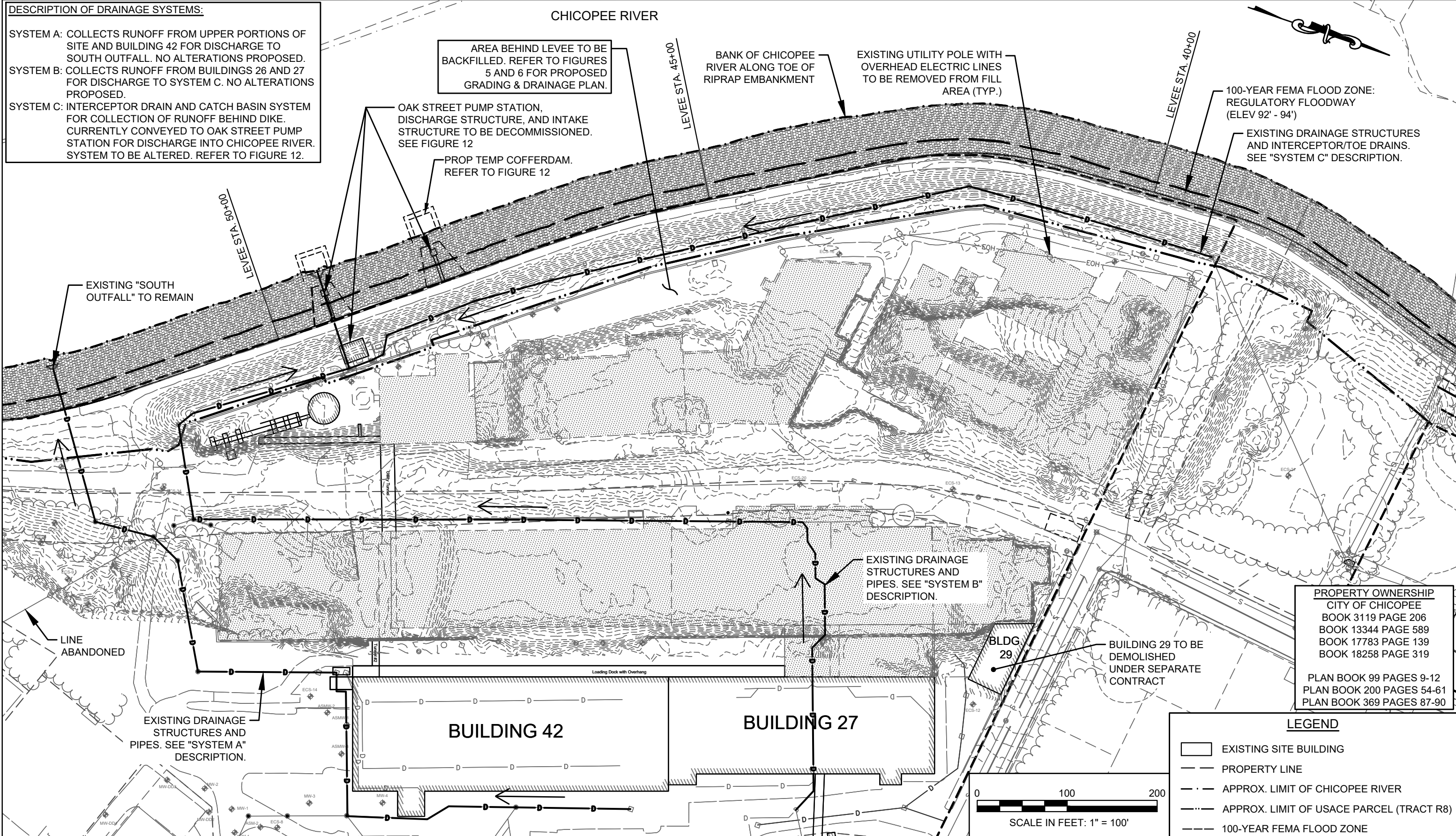
Figure No. 3
Overall Site Plan

DESCRIPTION OF DRAINAGE SYSTEMS:

SYSTEM A: COLLECTS RUNOFF FROM UPPER PORTIONS OF SITE AND BUILDING 42 FOR DISCHARGE TO SOUTH OUTFALL. NO ALTERATIONS PROPOSED.

SYSTEM B: COLLECTS RUNOFF FROM BUILDINGS 26 AND 27 FOR DISCHARGE TO SYSTEM C. NO ALTERATIONS PROPOSED.

SYSTEM C: INTERCEPTOR DRAIN AND CATCH BASIN SYSTEM FOR COLLECTION OF RUNOFF BEHIND DIKE. CURRENTLY CONVEYED TO OAK STREET PUMP STATION FOR DISCHARGE INTO CHICOPEE RIVER. SYSTEM TO BE ALTERED. REFER TO FIGURE 12.



PROPERTY OWNERSHIP
 CITY OF CHICOPEE
 BOOK 3119 PAGE 206
 BOOK 13344 PAGE 589
 BOOK 17783 PAGE 139
 BOOK 18258 PAGE 319

PLAN BOOK 99 PAGES 9-12
 PLAN BOOK 200 PAGES 54-61
 PLAN BOOK 369 PAGES 87-90

LEGEND

- EXISTING SITE BUILDING
- PROPERTY LINE
- - - APPROX. LIMIT OF CHICOPEE RIVER
- APPROX. LIMIT OF USACE PARCEL (TRACT R8)
- 100-YEAR FEMA FLOOD ZONE

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Figure No. 4
**Existing Drainage Plan
 Uniroyal Property**

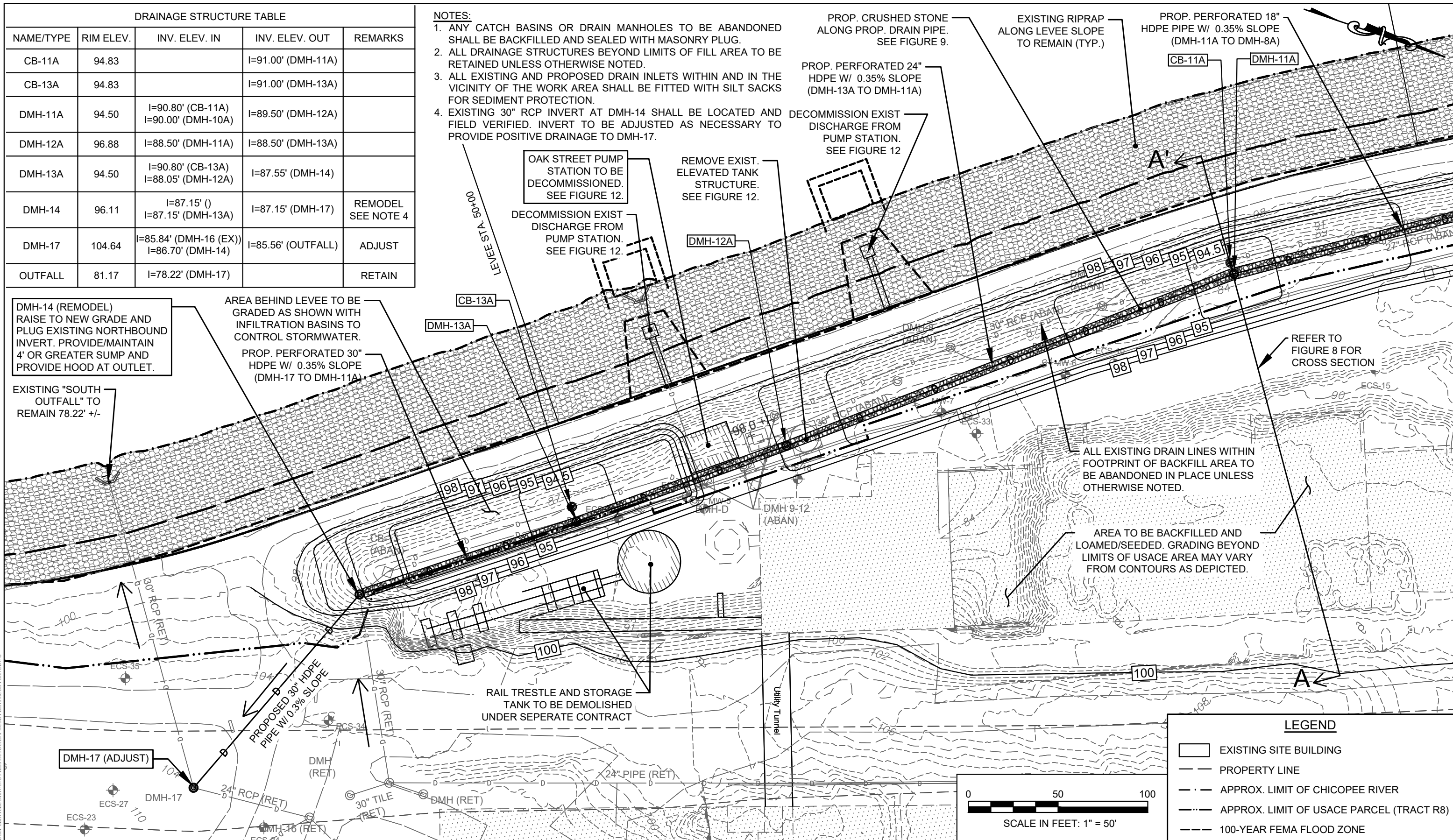


D:\STARS\3100 - CHICOPEE - UNIROYAL & FACEMATE\DRAWING FILES\154 GROVE ST. & 75 WEST MAIN ST. R8\DWG

DRAINAGE STRUCTURE TABLE				
NAME/TYPE	RIM ELEV.	INV. ELEV. IN	INV. ELEV. OUT	REMARKS
CB-11A	94.83		I=91.00' (DMH-11A)	
CB-13A	94.83		I=91.00' (DMH-13A)	
DMH-11A	94.50	I=90.80' (CB-11A) I=90.00' (DMH-10A)	I=89.50' (DMH-12A)	
DMH-12A	96.88	I=88.50' (DMH-11A)	I=88.50' (DMH-13A)	
DMH-13A	94.50	I=90.80' (CB-13A) I=88.05' (DMH-12A)	I=87.55' (DMH-14)	
DMH-14	96.11	I=87.15' () I=87.15' (DMH-13A)	I=87.15' (DMH-17)	REMODEL SEE NOTE 4
DMH-17	104.64	I=85.84' (DMH-16 (EX)) I=86.70' (DMH-14)	I=85.56' (OUTFALL)	ADJUST
OUTFALL	81.17	I=78.22' (DMH-17)		RETAIN

NOTES:

1. ANY CATCH BASINS OR DRAIN MANHOLES TO BE ABANDONED SHALL BE BACKFILLED AND SEALED WITH MASONRY PLUG.
2. ALL DRAINAGE STRUCTURES BEYOND LIMITS OF FILL AREA TO BE RETAINED UNLESS OTHERWISE NOTED.
3. ALL EXISTING AND PROPOSED DRAIN INLETS WITHIN AND IN THE VICINITY OF THE WORK AREA SHALL BE FITTED WITH SILT SACKS FOR SEDIMENT PROTECTION.
4. EXISTING 30" RCP INVERT AT DMH-14 SHALL BE LOCATED AND FIELD VERIFIED. INVERT TO BE ADJUSTED AS NECESSARY TO PROVIDE POSITIVE DRAINAGE TO DMH-17.



0:\STARS\GIBB - CHICOPEE - UNIROYAL ESP SERVICES\DRAWING FILES\FIG 5\DRG 01 - ACCE PLAN & RCP PLAN.DWG



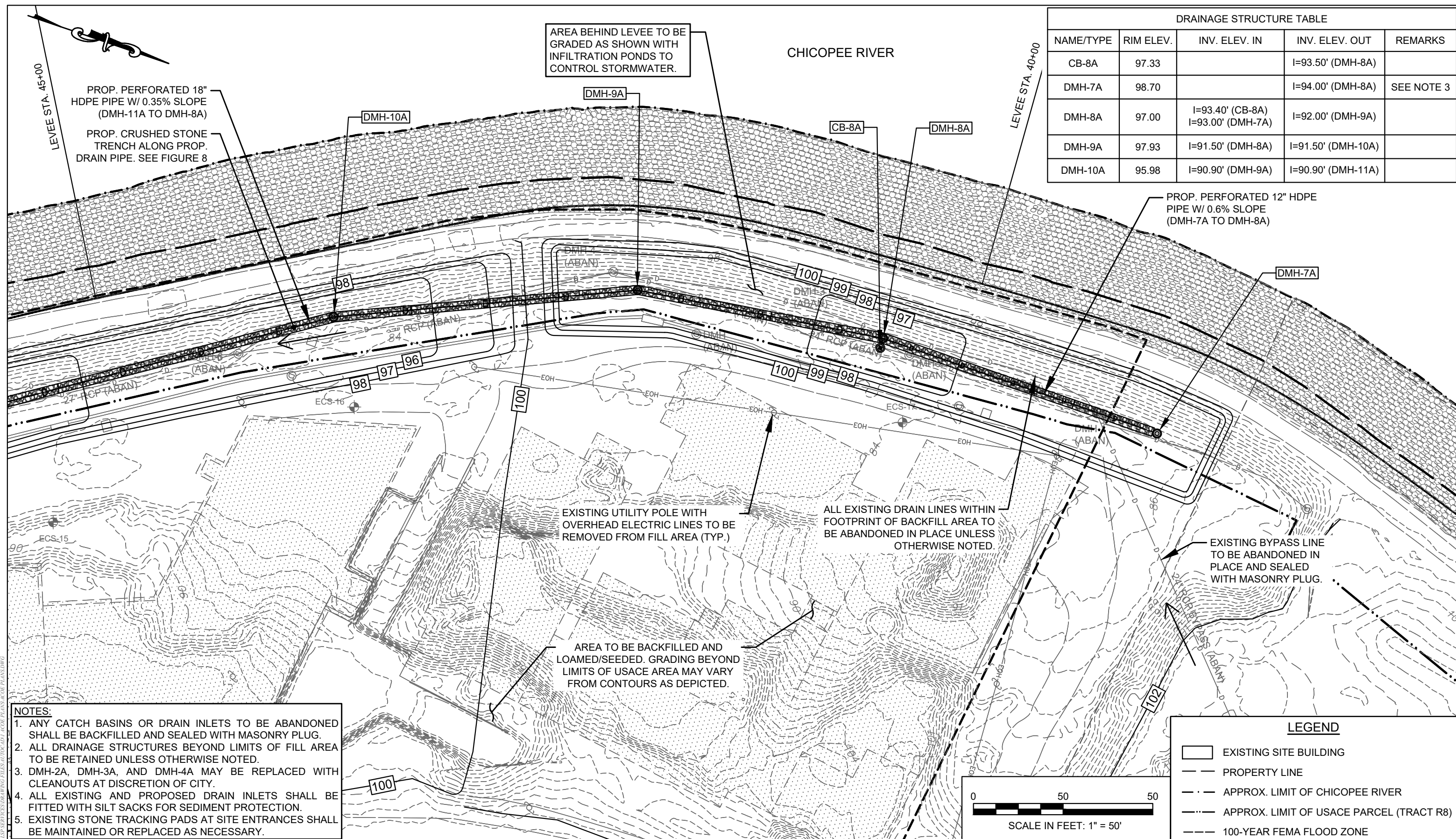
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Figure No. 5

**Enlarged Grading & Drainage Plan I
Uniroyal Property**

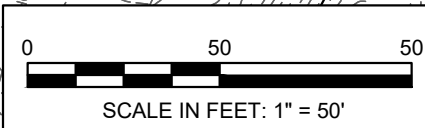


DRAINAGE STRUCTURE TABLE				
NAME/TYPE	RIM ELEV.	INV. ELEV. IN	INV. ELEV. OUT	REMARKS
CB-8A	97.33		I=93.50' (DMH-8A)	
DMH-7A	98.70		I=94.00' (DMH-8A)	SEE NOTE 3
DMH-8A	97.00	I=93.40' (CB-8A) I=93.00' (DMH-7A)	I=92.00' (DMH-9A)	
DMH-9A	97.93	I=91.50' (DMH-8A)	I=91.50' (DMH-10A)	
DMH-10A	95.98	I=90.90' (DMH-9A)	I=90.90' (DMH-11A)	

- NOTES:**
1. ANY CATCH BASINS OR DRAIN INLETS TO BE ABANDONED SHALL BE BACKFILLED AND SEALED WITH MASONRY PLUG.
 2. ALL DRAINAGE STRUCTURES BEYOND LIMITS OF FILL AREA TO BE RETAINED UNLESS OTHERWISE NOTED.
 3. DMH-2A, DMH-3A, AND DMH-4A MAY BE REPLACED WITH CLEANOUTS AT DISCRETION OF CITY.
 4. ALL EXISTING AND PROPOSED DRAIN INLETS SHALL BE FITTED WITH SILT SACKS FOR SEDIMENT PROTECTION.
 5. EXISTING STONE TRACKING PADS AT SITE ENTRANCES SHALL BE MAINTAINED OR REPLACED AS NECESSARY.

LEGEND

- EXISTING SITE BUILDING
- PROPERTY LINE
- APPROX. LIMIT OF CHICOPEE RIVER
- APPROX. LIMIT OF USACE PARCEL (TRACT R8)
- 100-YEAR FEMA FLOOD ZONE



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Figure No. 6
Enlarged Grading & Drainage Plan II
Uniroyal Property

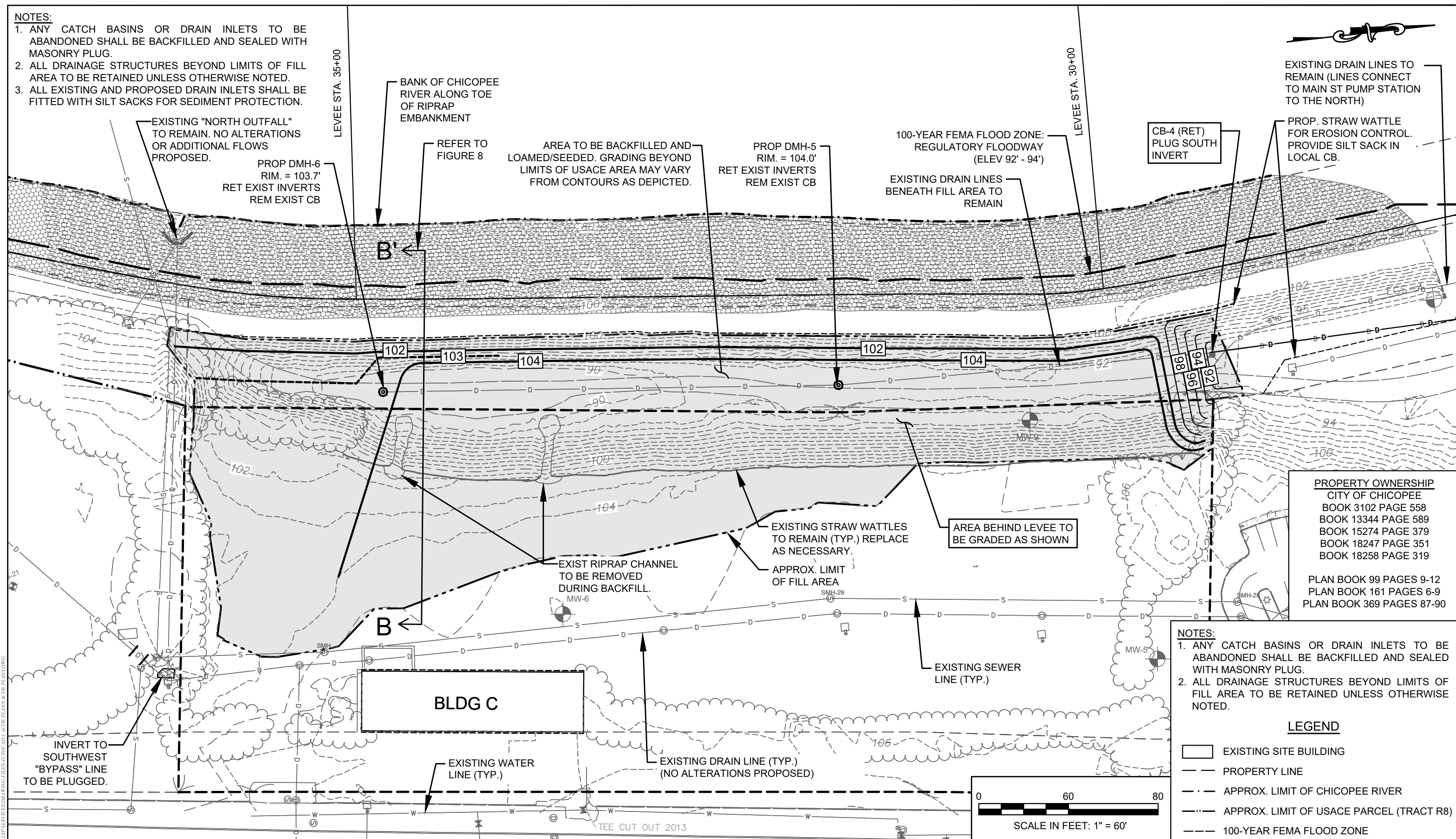


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0:\STARS\3104 - CHICOPEE - UNIROYAL FACEMATE\DRAWING FILES\FIGURE 6\FIGURE 6 PLAN - RCP PLAN.DWG

NOTES:

1. ANY CATCH BASINS OR DRAIN INLETS TO BE ABANDONED SHALL BE BACKFILLED AND SEALED WITH MASONRY PLUG.
2. ALL DRAINAGE STRUCTURES BEYOND LIMITS OF FILL AREA TO BE RETAINED UNLESS OTHERWISE NOTED.
3. ALL EXISTING AND PROPOSED DRAIN INLETS SHALL BE FITTED WITH SILT SACKS FOR SEDIMENT PROTECTION.



EXISTING DRAIN LINES TO REMAIN (LINES CONNECT TO MAIN ST PUMP STATION TO THE NORTH)

PROP. STRAW WATTLE FOR EROSION CONTROL. PROVIDE SILT SACK IN LOCAL CB.

PROPERTY OWNERSHIP
 CITY OF CHICOPEE
 BOOK 3102 PAGE 558
 BOOK 13344 PAGE 589
 BOOK 15274 PAGE 379
 BOOK 18247 PAGE 351
 BOOK 18258 PAGE 319
 PLAN BOOK 99 PAGES 9-12
 PLAN BOOK 161 PAGES 6-9
 PLAN BOOK 369 PAGES 87-90

- NOTES:**
1. ANY CATCH BASINS OR DRAIN INLETS TO BE ABANDONED SHALL BE BACKFILLED AND SEALED WITH MASONRY PLUG.
 2. ALL DRAINAGE STRUCTURES BEYOND LIMITS OF FILL AREA TO BE RETAINED UNLESS OTHERWISE NOTED.

LEGEND

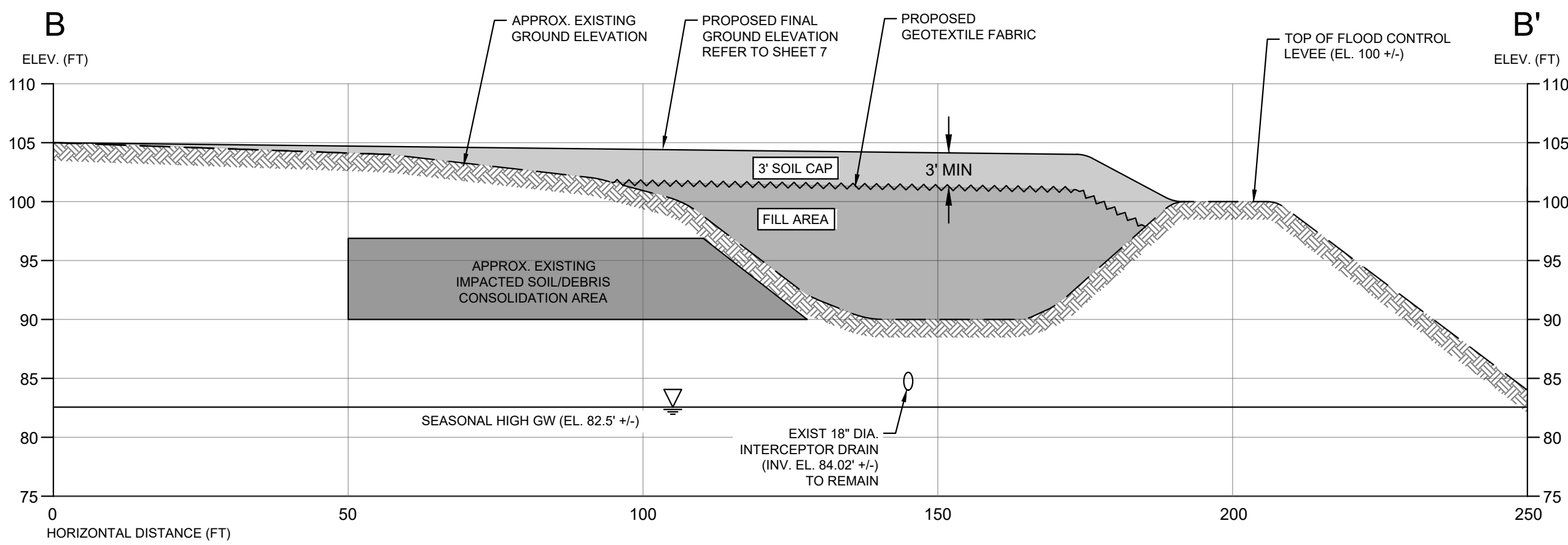
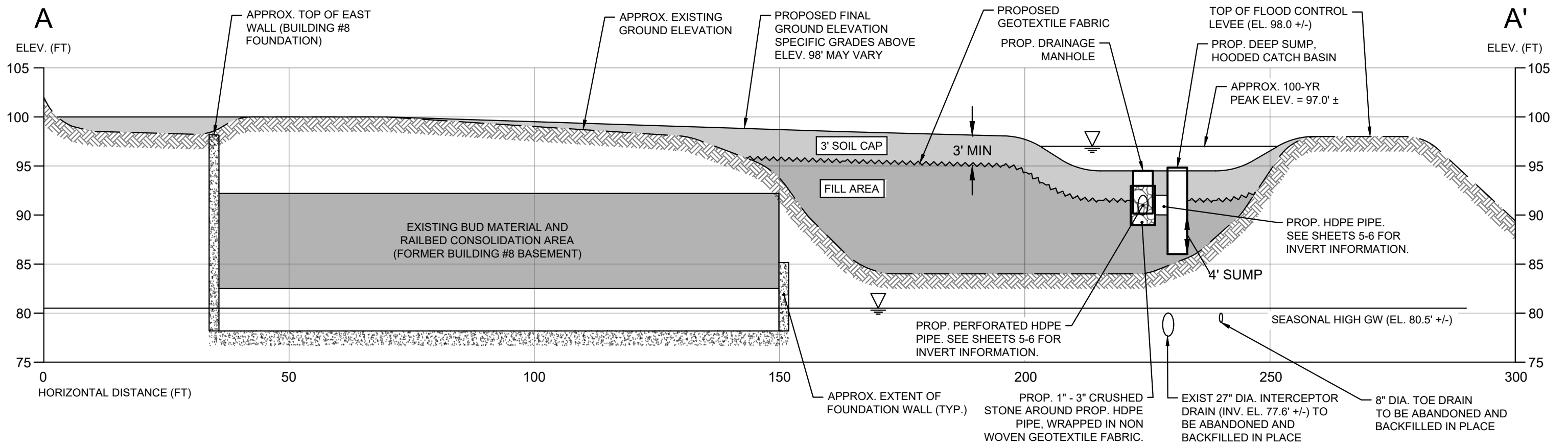
- EXISTING SITE BUILDING
- PROPERTY LINE
- APPROX. LIMIT OF CHICOPEE RIVER
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Figure No. 7
Grading & Drainage Plan
Facemate Property



- NOTES:**
- COORDINATES, IN FEET, ARE BASED UPON THE NORTH AMERICAN DATUM OF 1983 (NAD 83). THE VERTICAL DATUM IS REFERENCED TO THE NORTH AMERICAN VERTICAL DATUM OF 1988 (NAVD 88).
 - EXISTING PIPE INFORMATION BASED ON PLAN TITLED "CHICOPEE RIVER FLOOD CONTROL CHICOPEE FALLS" PREPARED BY US ARMY CORPS OF ENGINEERS, DATED DECEMBER 1962. ELEVATIONS TO BE CONFIRMED DURING CONSTRUCTION.
 - REFER TO FIGURES 5 AND 7 FOR LOCATIONS OF CROSS SECTIONS.
 - PROPOSED CRUSHED STONE AND BACKFILL DESIGN SHALL BE IN ACCORDANCE WITH GEOTECHNICAL ENGINEERING REPORT PREPARED FOR THIS PROJECT OR AN EQUIVALENT DESIGN REVIEWED BY A GEOTECHNICAL ENGINEER.
- VERT. SCALE IN FEET: 1" = 10'
 HARR. SCALE IN FEET: 1" = 20'

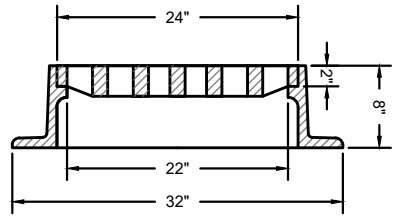


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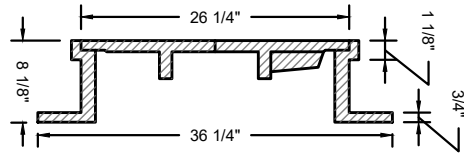
Figure No. 8

Cross Sections



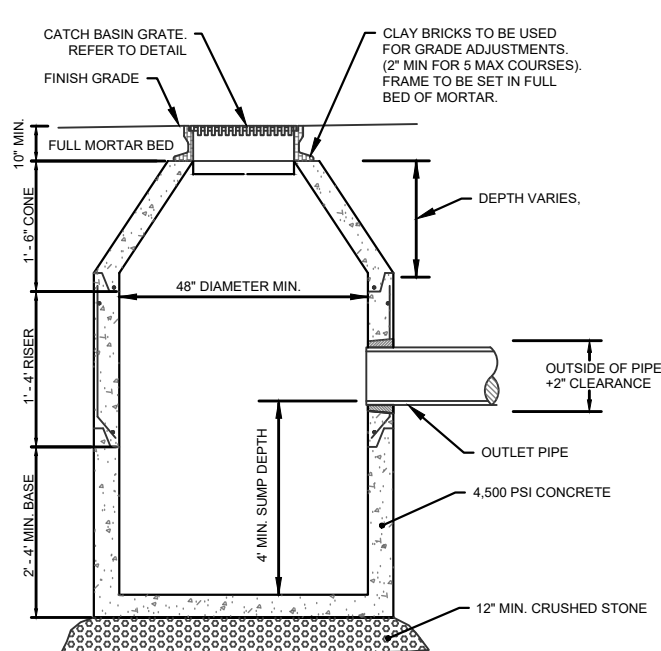
- NOTES:**
- DRAIN STRUCTURES LISTED AS "ADJ" SHALL HAVE THEIR CATCH BASIN FRAME MODIFIED, OR BE PROVIDED WITH NEW FRAME, SUCH THAT THE INLET IS FLUSH WITH THE PROPOSED GUTTER LINE.
 - CATCH BASIN FRAME AND GRATE SHALL BE IN ACCORDANCE WITH CITY OF CHICOPEE DPW STANDARD DETAILS

CATCH BASIN FRAME AND GRATE
NOT TO SCALE



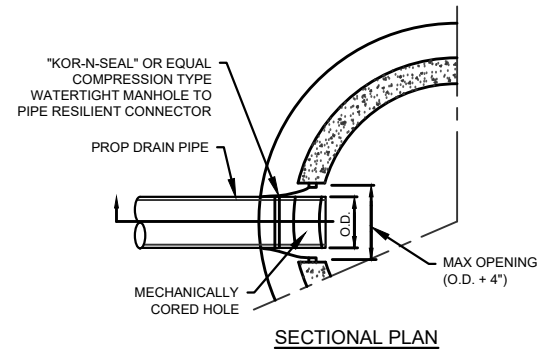
- NOTES:**
- CLAY BRICKS TO BE USED FOR GRADE ADJUSTMENTS. (2" MIN FOR 5 MAX COURSES). FRAME TO BE SET IN FULL BED OF MORTAR.
 - MANHOLE FRAME AND COVER SHALL BE IN ACCORDANCE WITH CITY OF CHICOPEE DPW STANDARD DETAILS

MANHOLE FRAME
NOT TO SCALE

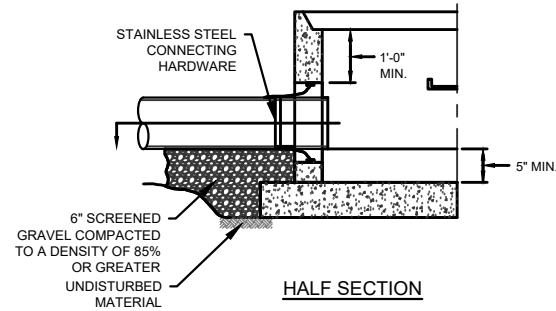


- NOTES:**
- CATCH BASIN FRAME SHALL BE IN ACCORDANCE WITH MASSDOT DRAWING E 201.6 OR APPROVED EQUAL
 - A TEST PIT SHALL BE COMPLETED IN THE VICINITY OF EACH PROPOSED DRAINAGE STRUCTURE TO IDENTIFY ANY POTENTIAL OBSTRUCTIONS.
 - ALL STRUCTURES SHALL CONFORM TO LATEST CITY OF CHICOPEE CONSTRUCTION DETAILS.

DEEP SUMP CATCH BASIN
NOT TO SCALE

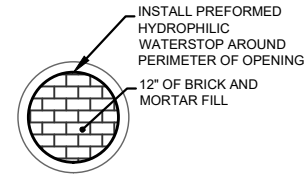


SECTIONAL PLAN

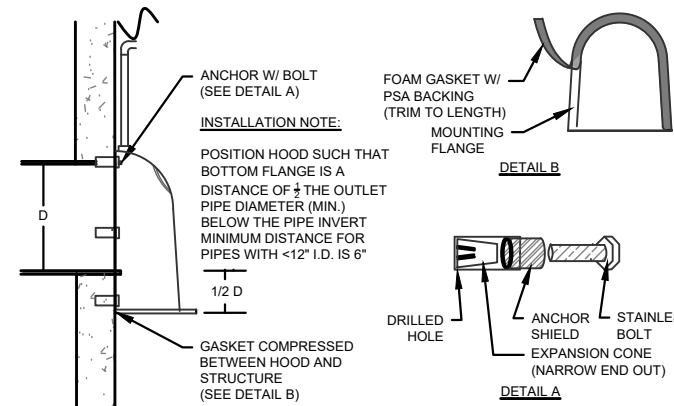


HALF SECTION

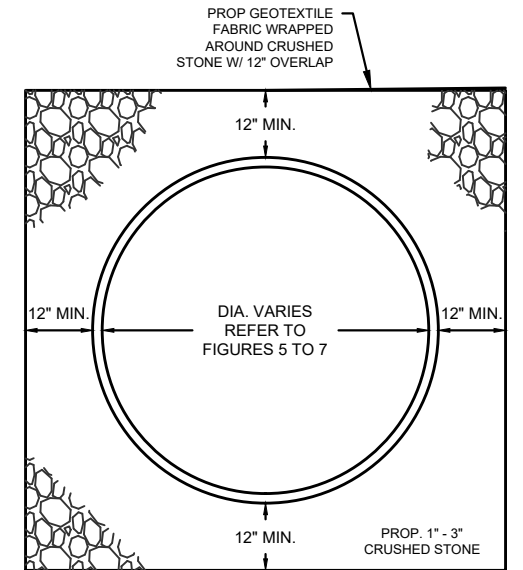
CONNECTION TO EXISTING MANHOLES
NOT TO SCALE



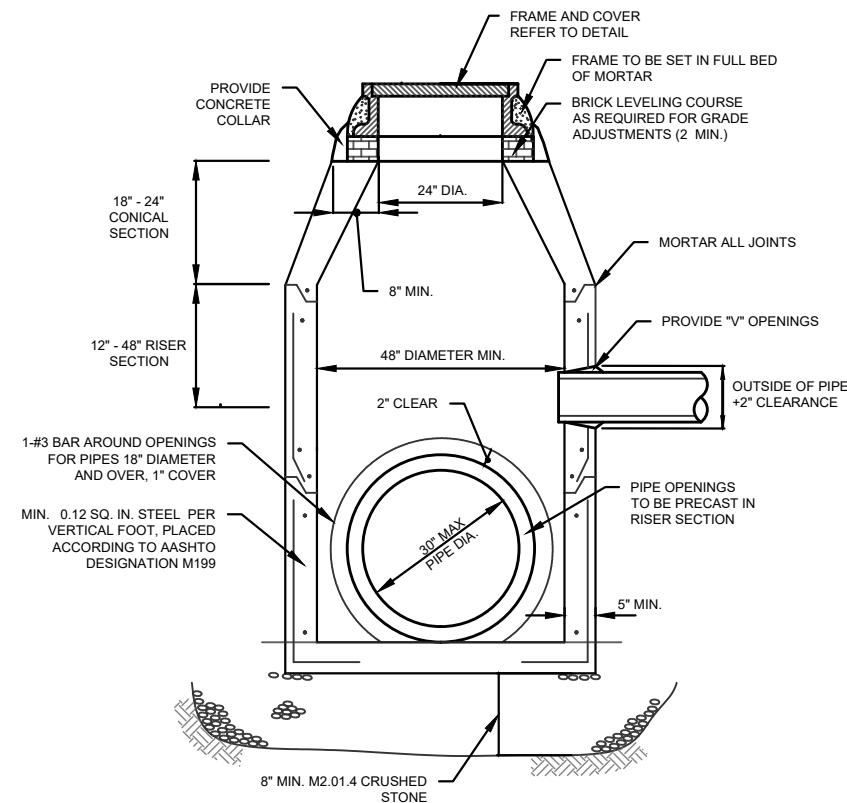
TYPICAL PIPE PLUG IN MANHOLE TO BE ABANDONED
SCALE: NTS



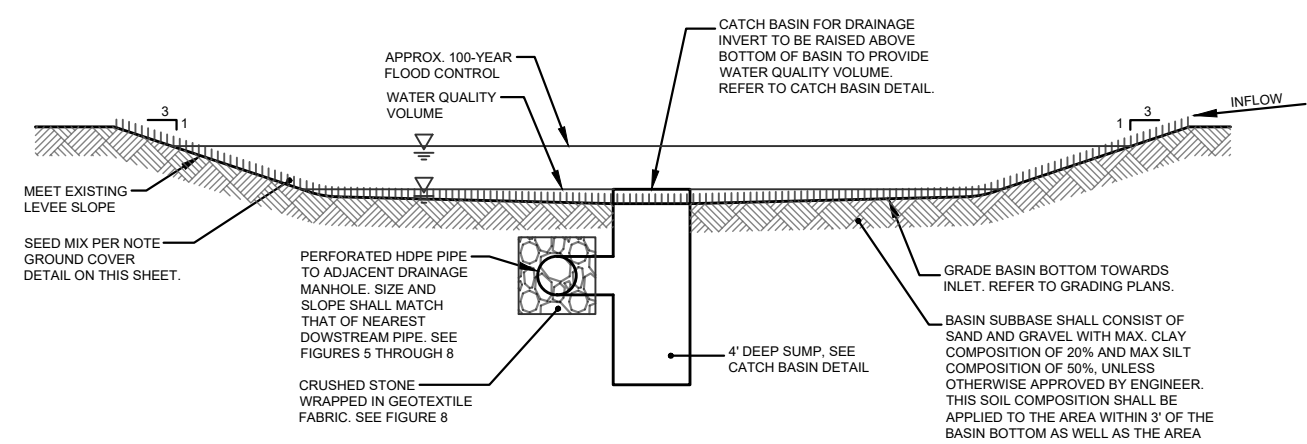
DRAINAGE STRUCTURE HOOD
NOT TO SCALE



PERFORATED PIPE IN CRUSHED STONE
NOT TO SCALE

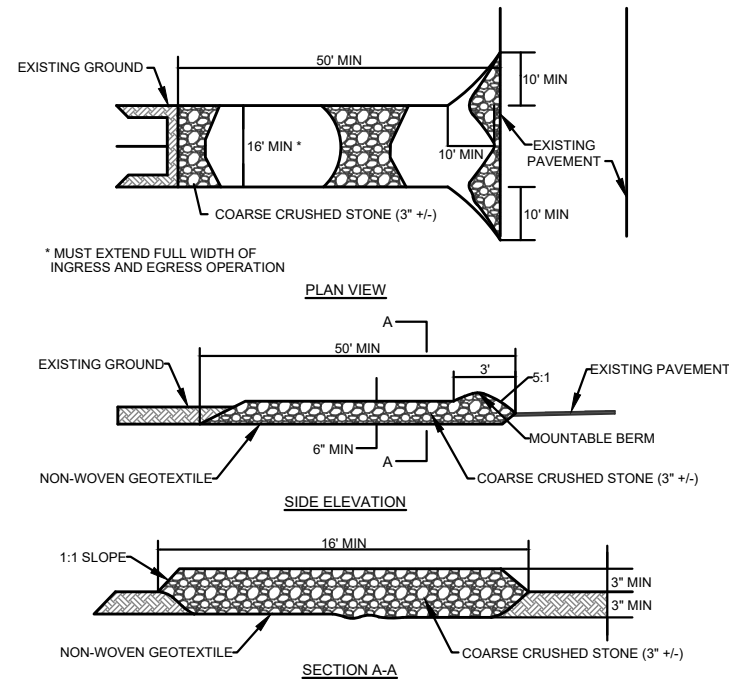


DRAINAGE MANHOLE
NOT TO SCALE



INFILTRATION BASIN
SCALE: NTS

- INSTALLATION NOTES:**
- PRIOR TO INSTALLATION, VERIFY SOIL CONDITIONS OF PLACED BACKFILL MATERIAL TO CONFIRM ADEQUATE DRAINAGE WILL BE ACHIEVED.
 - EXCAVATE/CONSTRUCT BASIN ONLY WITH LIGHT EARTH-MOVING EQUIPMENT TO AVOID EXCESSIVE COMPACTING OF SOILS BENEATH BASIN FLOOR. AVOID CONSTRUCTION IN WINTER OR DURING RAIN EVENTS TO EXTENT POSSIBLE.
 - AFTER THE BASIN FLOOR IS SHAPED, PLACE SOIL ADDITIVES ON THE BASIN FLOOR TO AMEND THE SOIL, INCLUDING COMPOST (PROPERLY AGED TO KILL ANY SEED STOCK CONTAINED WITHIN) AND MIXED NATIVE SOILS FROM A OR B HORIZONS.
 - SCARIFY NATIVE MATERIALS AND COMPOST INTO THE PARENT MATERIAL USING A CHISEL PLOW OR ROTARY DEVICE TO A DEPTH OF 12 INCHES.
 - IMMEDIATELY AFTER BASIN IS CONSTRUCTED, STABILIZE BOTTOM AND SIDE SLOPES WITH DENSE GRASS TURF (SEE SEED MIX NOTES ON THIS SHEET).
 - INSPECT BASIN REGULARLY DURING THE FIRST TWO MONTHS FOLLOWING INSTALLATION TO DETERMINE IF REMEDIAL ACTIONS (E.G. RESEEDING, IRRIGATING) ARE NECESSARY.



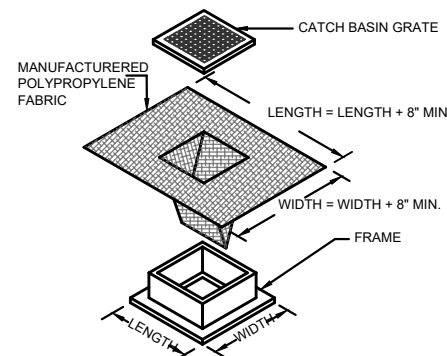
TEMPORARY CONSTRUCTION ENTRANCE NOTES

1. REMOVE ALL VEGETATION AND OTHER UNSUITABLE MATERIAL FROM THE FOUNDATION AREA, GRADE, AND CROWN FOR POSITIVE DRAINAGE. EXISTING PAVEMENT MAY REMAIN.
2. IF SLOPE TOWARDS THE PUBLIC ROAD EXCEED 2%, CONSTRUCT A 6- TO 8-INCH RIDGE WITH 3H:1V SIDE SLOPES ACROSS THE FOUNDATION APPROXIMATELY 15 FEET FROM THE EDGE OF THE PUBLIC ROAD TO DIVERT RUNOFF FROM IT.
3. INSTALL PIPE UNDER THE ENTRANCE IF NEEDED TO MAINTAIN DRAINAGE DITCHES ALONG PUBLIC ROADS.
4. PLACE STONE TO DIMENSIONS AND GRADE AS SHOWN ON PLANS. LEAVE SURFACE SLOPED FOR DRAINAGE.

MAINTENANCE

1. RESHAPE PAD AS NEEDED FOR DRAINAGE AND RUNOFF CONTROL
2. TOP DRESS WITH CLEAN STONE AS NEEDED.

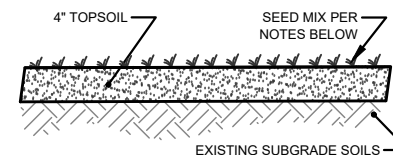
STABILIZED CONSTRUCTION ENTRANCE
SCALE: NTS



NOTES:

1. LENGTH AND WIDTH OF POLYPROPYLENE FABRIC MUST EXCEED EXISTING CATCH BASIN FRAME DIMENSIONS BY A MINIMUM OF 8\".
2. REMOVE CATCH BASIN GRATE AND INSTALL POLYPROPYLENE FABRIC OVER CATCH BASIN FRAME. REPLACE CATCH BASIN GRATE TO SECURE POLYPROPYLENE FABRIC IN PLACE.
3. CATCH BASIN EROSION CONTROL TO BE PLACED AT EXISTING AND PROPOSED ALL CATCH BASINS IN VICINITY OF WORK AREA.

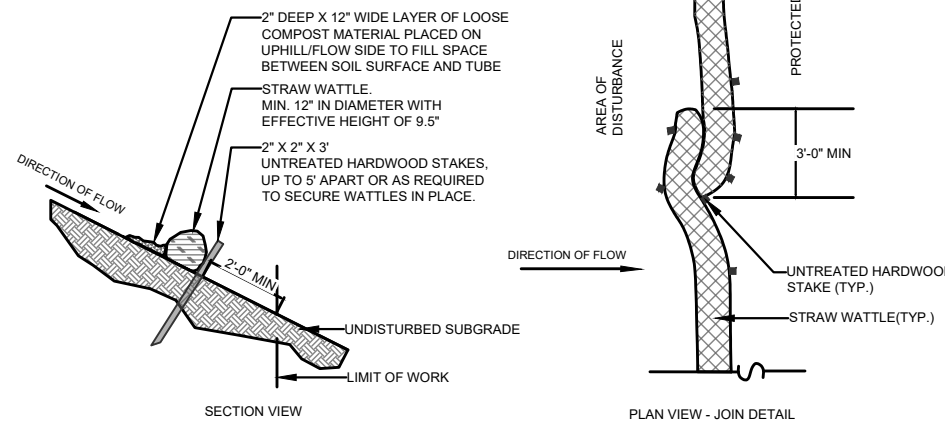
CATCH BASIN SEDIMENTATION CONTROL PROTECTION - SILT SACK
SCALE: NTS



SEED MIX NOTES:

- SEED SHALL BE LOW UPLAND MIX - FULL SUN PER MASSDOT ITEM NUMBER 765.412. OR APPROVED EQUIVALENT.
- APPLY SEED AT A RATE OF 75 LB/ACRE OR 175 LB/ACRE ON AREAS OF GREATER THAN 3:1 SLOPE
- APPLY 30LB/ACRE OF A COVER CROPS. FOR COVER CROP USE EITHER GRAIN OATS (1 JAN TO 31 JULY) OR GRAIN RYE (1 AUG TO 31 DEC).
- FERTILIZER SHALL NOT BE USED.

GROUND COVER FOR RESTORED AREAS
SCALE: NTS



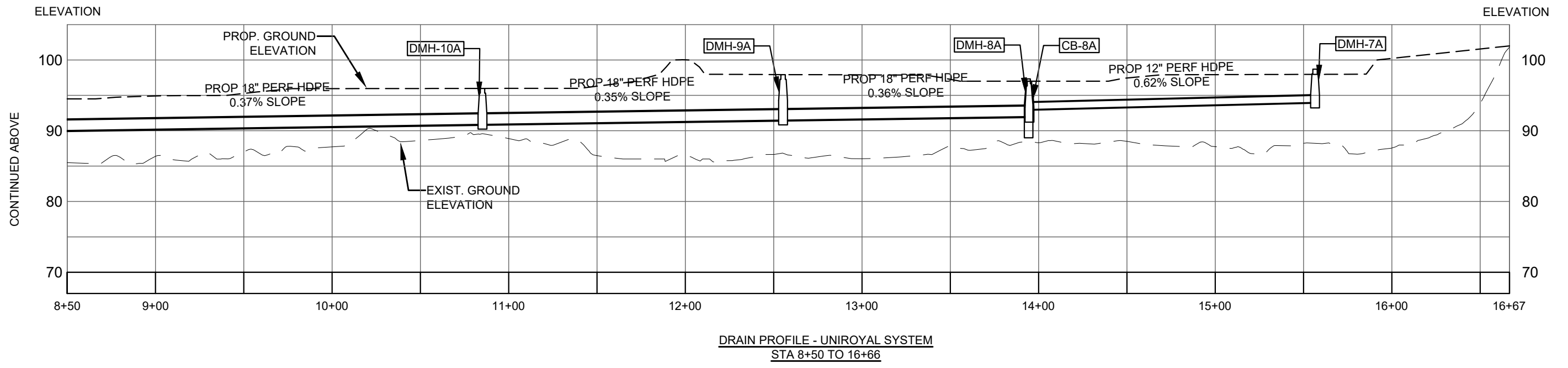
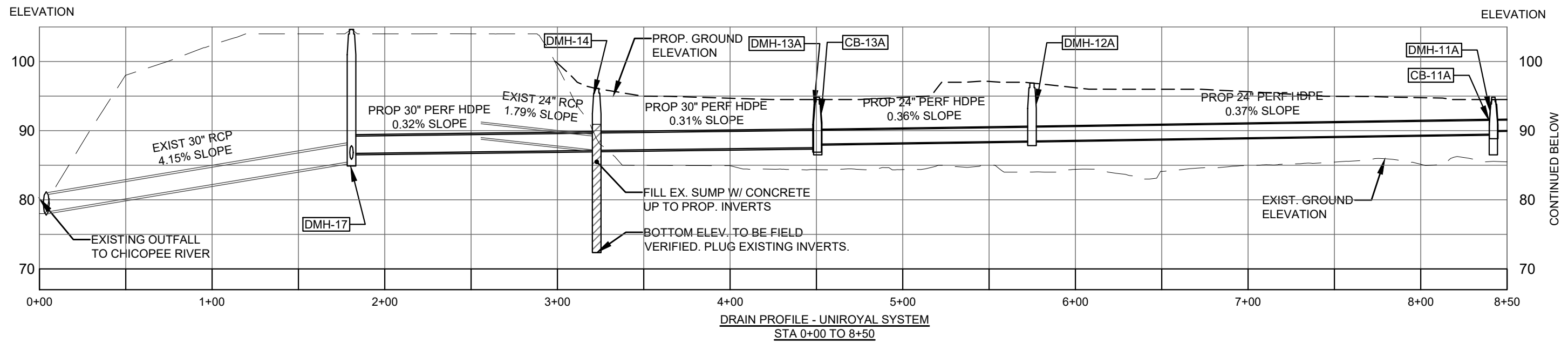
EROSION CONTROL BARRIER NOTES:

1. PROVIDE A MINIMUM DIAMETER OF 12 INCHES FOR SLOPES UP TO 50 FEET IN LENGTH WITH A SLOPE RATIO OF 3H:1V OR STEEPER. REFER TO MANUFACTURER'S RECOMMENDATIONS FOR SITUATIONS WITH LONGER OR STEEPER SLOPES.
2. INSTALL ALONG CONTOURS AND PERPENDICULAR TO SHEET OR CONCENTRATED FLOW.
3. WATTLES SHALL BE JUTE MESH OR APPROVED BIODEGRADABLE MATERIAL. ADDITIONAL WATTLES SHALL BE USED AT THE DIRECTION OF THE ENGINEER.
4. STAMP WATTLES IN PLACE TO ENSURE GOOD CONTACT WITH SOIL SURFACE. PROVIDE A 3\" MINIMUM OVERLAP AT ENDS TO JOIN IN A CONTINUOUS BARRIER AND MINIMIZE UNIMPEDED FLOW. STAKE JOINING WATTLES SNUGLY AGAINST EACH OTHER TO PREVENT UNFILTERED FLOW BETWEEN THEM.
5. SECURE ENDS WITH STAKES SPACED 18\" APART THROUGH TOPS OF TUBES.

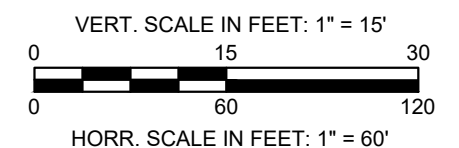
EROSION CONTROL BARRIER
SCALE: NTS

SITE PREPARATION AND EROSION CONTROL NOTES

1. THE CONSTRUCTION SEQUENCING PLAN IS FOR CONCEPTUAL PURPOSES ONLY. THE ACTUAL SEQUENCE OF WORK IMPLEMENTED FOR THIS PROJECT MAY DEVIATE FROM THIS PLAN SO LONG AS IT MEETS THE REQUIREMENTS OF THE PROJECT SITE PLANSET, PROJECT STORMWATER MANAGEMENT REPORT, CITY OF ACUSHNET REGULATIONS, AND USACE REQUIREMENTS. ADDITIONAL CONSTRUCTION ACTIVITIES MAY BE REQUIRED AT THE SITE BEYOND THOSE PRESENTED ON THIS PLAN.
2. PRIOR TO TRANSITIONING FROM ONE PHASE TO ANOTHER, AT LEAST 75% OF THE EXISTING WORK AREA SHALL BE TEMPORARILY OR PERMANENTLY STABILIZED.
3. ENGINEER WILL PROVIDE A STORMWATER POLLUTION PREVENTION PLAN (SWPPP), INCLUDING THE FILING OF A NOTICE OF INTENT WITH THE U.S. EPA TO OBTAIN A NPDES CONSTRUCTION GENERAL PERMIT (CGP) PRIOR TO THE CONTRACTOR COMMENCING WORK. THE CONTRACTOR SHALL BE RESPONSIBLE TO PERFORM INSPECTIONS, MONITORING, AND MAINTENANCE, IF WARRANTED, IN ACCORDANCE WITH THE SWPPP TO COMPLY WITH THE CGP. THE SOIL EROSION SEDIMENT CONTROL PROCEDURES AND DETAILS SHOWN AND DESCRIBED IN THE SWPPP SHALL BE STRICTLY FOLLOWED AND INSTALLED IN A MANNER TO MINIMIZE EROSION FROM DISTURBED AREAS.
4. ALL EXISTING AND PROPOSED STEEP SLOPES WITHIN THE FILL AREA (2:1 OR STEEPER, OR AS DIRECTED BY ENGINEER) TO BE STABILIZED WITH JUTE MESH EROSION CONTROL MAT OR APPROVED EQUIVALENT.
5. THE ACCESS, STAGING, AND STORAGE AREAS SHALL BE LOCATED WITHIN THE LIMITS OF THE PROJECT SITE. NO WORK, STOCKPILING OF MATERIALS, STORAGE OF EQUIPMENT, OR OTHER OPERATIONS OF THE CONTRACTOR SHALL TAKE PLACE OUTSIDE THE LIMITS OF WORK UNLESS AUTHORIZED IN WRITING BY THE ENGINEER.
6. EROSION CONTROL DEVICES SHALL BE FULLY INSTALLED PRIOR TO THE START OF ANY SITE WORK, AND SHALL BE MAINTAINED THROUGHOUT CONSTRUCTION. THESE DEVICES SHALL BE REMOVED AND LEGALLY DISPOSED OF UPON COMPLETION OF ALL WORK WHEN ALL DISTURBED AREAS ARE STABILIZED AND PERMANENT GROUND COVER IS ESTABLISHED, TO THE SATISFACTION OF THE ENGINEER AND THE TOWN. ALL EROSION CONTROL BMPs SHALL CONFORM TO US EPA, NPDES, MA DEP, AND MASSACHUSETTS EROSION AND SEDIMENTATION CONTROL GUIDELINES FOR URBAN AND SUBURBAN AREAS.
7. THE CONTRACTOR SHALL MONITOR ALL AREAS WITHIN AND AROUND THE LIMIT OF THE WORK FOR SIGNS OF EROSION, AND REPAIR/STABILIZE ANY ERODED AREAS, AS REQUIRED, UNTIL FINAL STABILIZATION CAN BE ACHIEVED.
8. THE CONTRACTOR IS RESPONSIBLE FOR MONITORING DOWNSTREAM CONDITIONS THROUGHOUT THE CONSTRUCTION PERIOD AND CLEARING ANY DEBRIS AND/OR SEDIMENT IMPEDING PROPER DRAINAGE DURING CONSTRUCTION.
9. NO SEDIMENT SHALL BE PERMITTED TO LEAVE THE SITE DURING CONSTRUCTION. IF HEAVY RAIN AND/OR UNUSUAL SITE CONDITIONS RESULT IN THE POLLUTION OF ROADWAYS, BUFFER ZONES, RESOURCE AREAS, OR ADJACENT PARCELS, CONTRACTOR SHALL NOTIFY THE ENGINEER IMMEDIATELY. CONTRACTOR SHALL CLEAN ANY DISTURBED AREAS AS SOON AS PRACTICABLE AND RESTORE THEIR ORIGINAL CONDITIONS. CLEANING AND RESTORATION WITHIN BUFFER ZONES AND RESOURCE AREAS MUST BE PERFORMED UNDER THE SUPERVISION OF A WETLAND CONSULTANT, AS COORDINATED BY ENGINEER. WORK MAY ALSO BE OBSERVED BY THE CONSERVATION COMMISSION.
10. CONTRACTOR SHALL SWEEP GROVE STREET, OAK STREET, AND WEST MAIN STREET AT THE END OF EACH WORK DAY (OR MORE FREQUENTLY AS REQUESTED BY THE CITY OR ITS AGENT) TO REMOVE SEDIMENT TRACKING CAUSED BY PROJECT-RELATED CONSTRUCTION VEHICLES.
11. SILT SACKS SHALL BE INSTALLED WITHIN ANY CATCH BASINS AND DRAIN INLETS WITHIN THE LOTS AND WITHIN THE VICINITY OF THE LIMIT OF WORK AS NECESSARY TO PREVENT SILT-LADEN RUNOFF FROM ENTERING THE CITY OR USACE STORM DRAIN SYSTEM.
12. ALL DISTURBED AREAS SHALL BE STABILIZED NO LATER THAN 14 DAYS AFTER A CONSTRUCTION ACTIVITY HAS TEMPORARILY OR PERMANENTLY CEASED ON THAT PORTION OF THE SITE.
13. ANY DISTURBED AREA EXPOSED FOR MORE THAN 7 DAYS SHALL BE STABILIZED WITH PERENNIAL RYE GRASS SEEDING OR APPROVED EQUIVALENT. ADDITIONALLY, A ROW OF STRAW WATTLES SHALL BE PLACED AND STAKED ON THE DOWNGRADIENT SIDE OF ALL SUCH AREAS. SEEDED AREAS SHALL BE RE-SEEDED AS NECESSARY TO ENSURE VEGETATION ESTABLISHMENT.
14. ALL STOCKPILES AND DISTURBED AREAS TO BE STABILIZED IF EXPOSED FOR MORE THAN 7 DAYS. ALL STOCKPILES SHALL BE SURROUNDED BY COMPOST FILTER RUBES, AND COVERED IN A MANNER THAT STORMWATER DOES NOT INFILTRATE THE MATERIAL. ALL STOCKPILES OVER 10' IN HEIGHT SHALL BE SURROUNDED BY SAFETY FENCING. NO STOCKPILE SHALL BE PLACED NORTH OF EAST OF THE PERIMETER EROSION CONTROLS.



- NOTES:**
1. REFER TO FIGURES 5 THROUGH 6 FOR DRAINAGE STRUCTURE SCHEDULE AND FIGURE 9 FOR STRUCTURE DETAILS.
 2. STRUCTURE SUMP ELEVATIONS MAY DIFFER FROM THOSE SHOWN. REFER TO DETAIL ON FIGURE 9.
 3. EXISTING 30" RCP INVERT AT DMH-14 SHALL BE LOCATED AND FIELD VERIFIED. INVERT TO BE ADJUSTED AS NECESSARY TO PROVIDE POSITIVE DRAINAGE TO DMH-17.

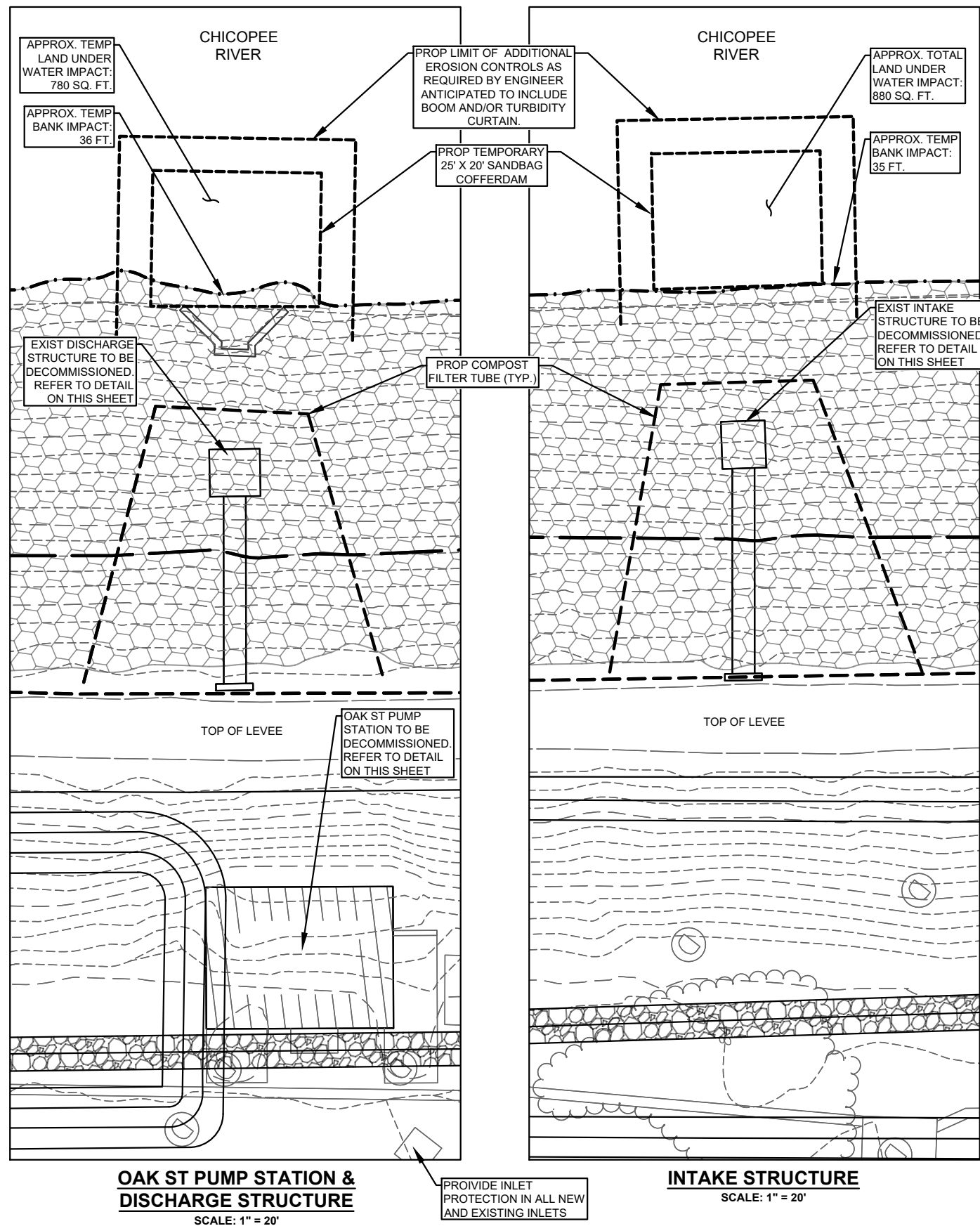


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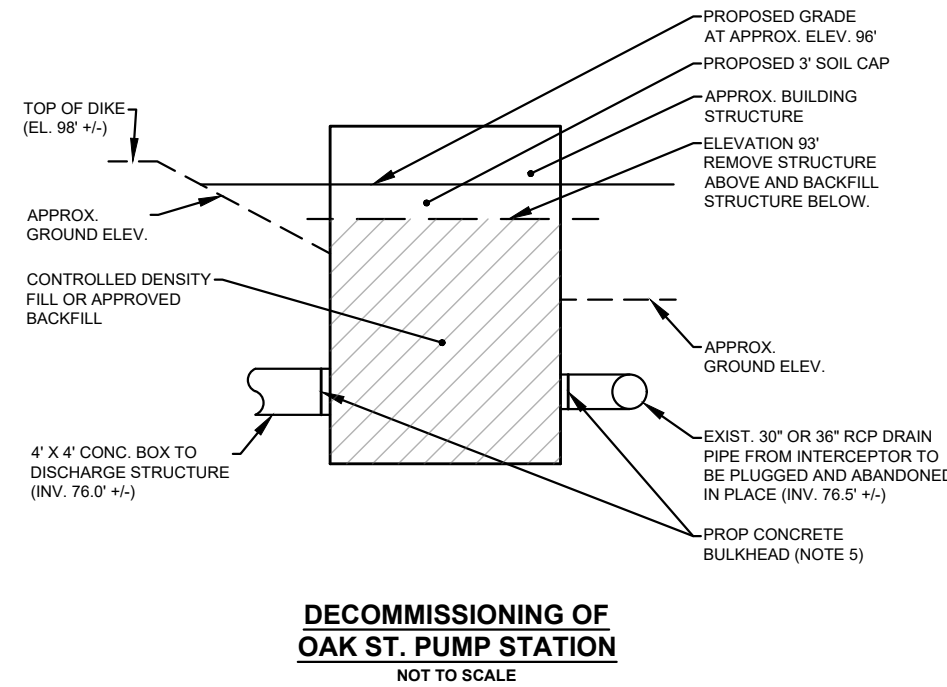
Figure No. 11
Drainage Profile

D:\STATIONING - CHICOPEE - UNIROYAL - SERVICES\DRAWING FILES\UTDC\017 ACDE PLANS\ACDE PLANS.DWG



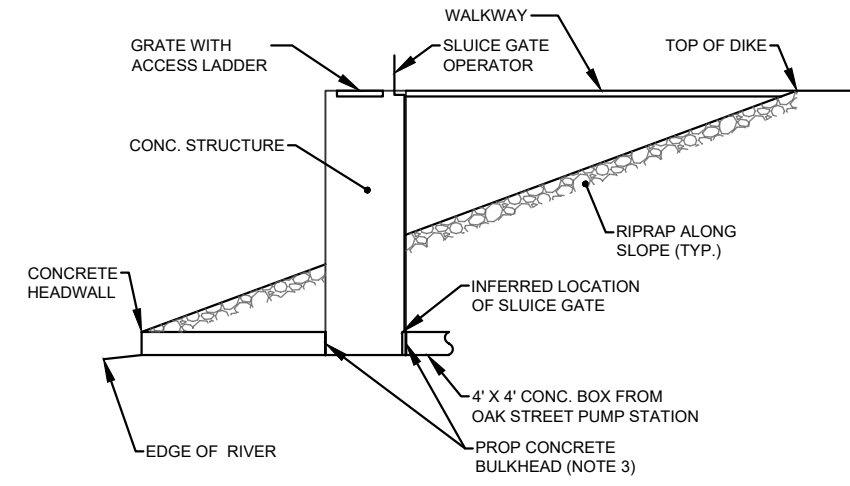
OAK ST PUMP STATION & DISCHARGE STRUCTURE
SCALE: 1" = 20'

INTAKE STRUCTURE
SCALE: 1" = 20'



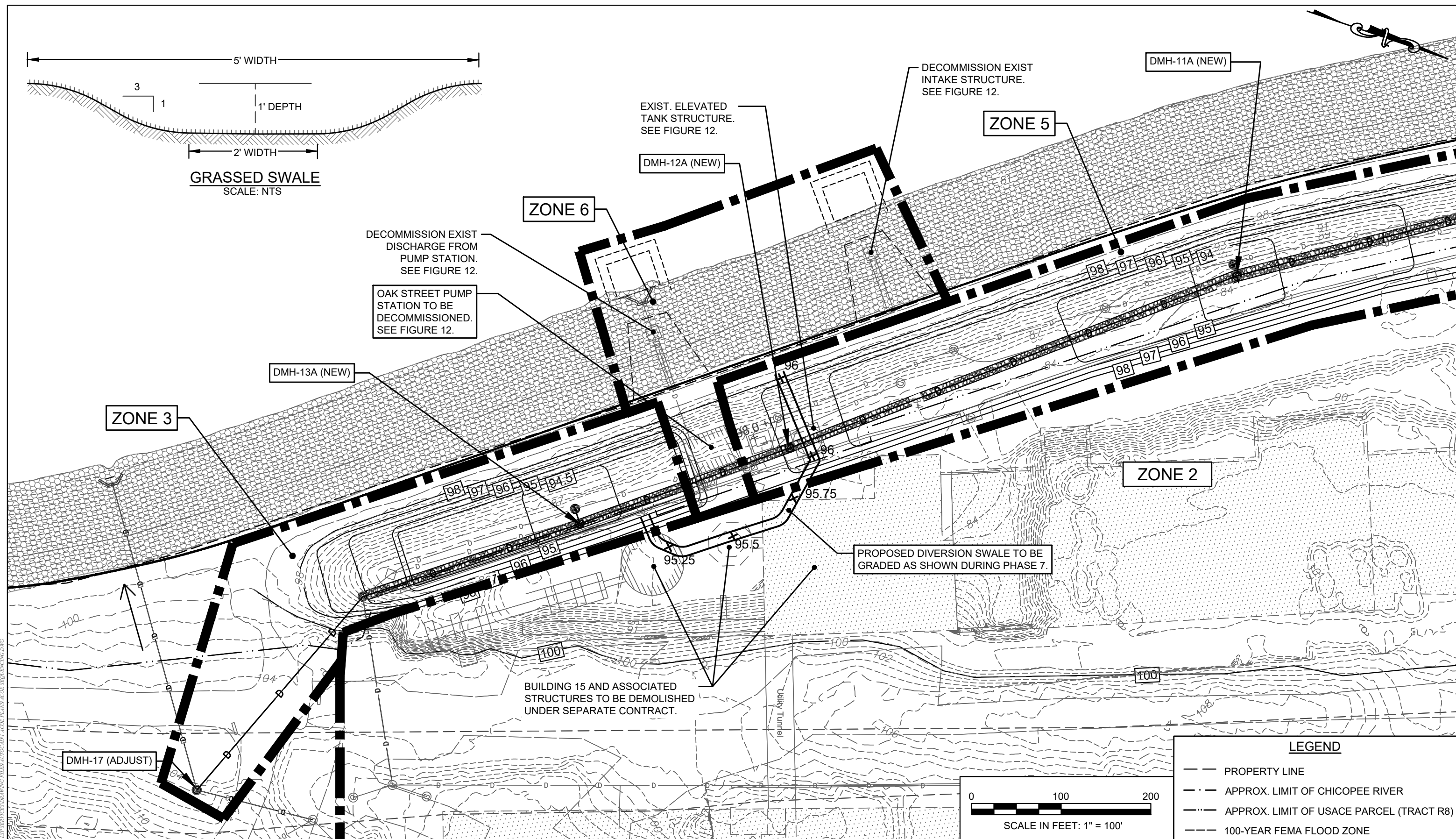
DECOMMISSIONING OF OAK ST. PUMP STATION
NOT TO SCALE

- GENERAL SEQUENCE OF WORK - PUMP STATION**
1. ENSURE EROSION CONTROLS ARE PLACED IN ALL NEARBY DRAIN INLETS.
 2. DISMANTLE AND REMOVE ALL EXISTING ELECTRICAL CONNECTIONS AND UTILITIES, INCLUDING ABOVE-GROUND TANK AND ASSOCIATED FENCING.
 3. DISMANTLE AND REMOVE ALL EQUIPMENT WITHIN THE PUMP STATION TO BE PRESERVED OR DISCARDED.
 4. DEWATER STRUCTURE AS NEEDED AND INSTALL TEMPORARY MEASURES TO PREVENT WATER FROM ENTERING STRUCTURE.
 5. INSTALL CONCRETE BULKHEAD AT ALL DISCHARGE AND INTERCEPTOR DRAIN PIPES.
 6. DEMOLISH EXISTING PUMP STATION ROOF AND BUILDING WALLS TO AT LEAST 3' BELOW PROPOSED GRADE (TO APPROX. ELEV. 93')
 7. DEMOLISH ELEVATED TANK STRUCTURE LOCATED TO THE NORTH OF THE PUMP STATION. LOWER ASSOCIATED CONCRETE FOOTINGS TO AT LEAST 3' BELOW PROPOSED GRADE.
 8. BACKFILL REMAINING PUMP STATION WITH CONTROLLED DENSITY FILL OR APPROVED BACKFILL.
 9. ABANDON REMAINING PUMP STATION STRUCTURE IN PLACE AND BACKFILL IN ACCORDANCE WITH FILL MANAGEMENT PLAN, INCLUDING LAYER OF GEOTEXTILE FABRIC AND AT LEAST 3' OF CLEAN FILL WHERE NECESSARY.
- NOTES:**
1. INTERIOR OF STRUCTURE IS APPROXIMATE ONLY BASED ON LIMITED VISUAL OBSERVATIONS AND RECORD PLANS. ACTUAL LAYOUT MAY VARY.



DECOMMISSIONING OF OAK ST. PUMP STATION DISCHARGE & INTAKE STRUCTURES
NOT TO SCALE

- GENERAL SEQUENCE OF WORK - DISCHARGE & INTAKE STRUCTURES**
1. DEWATER STRUCTURE AS NEEDED AND INSTALL TEMPORARY MEASURES TO PREVENT WATER FROM ENTERING STRUCTURE.
 2. REMOVE SLUICE GATE AND SEAL BOTTOM PORTION OF STRUCTURE WITH CONCRETE BULKHEAD TO BLOCK FLOW FROM BOTH SIDES.
 3. DISMANTLE AND REMOVE ALL EQUIPMENT FOR OPERATIONS OF SLUICE GATE.
 4. DEMOLISH WALKWAY, INTAKE STRUCTURES, AND SOUTH HEADWALL.
 5. BACKFILL THE PORTION OF PIPE THAT CROSSES BENEATH THE LEVEE WITH FLOWABLE FILL.
 6. BACKFILL LOWER PORTION OF INTAKE STRUCTURES WITH CLEAN FILL TO GRADE.
 7. PROVIDE RIPRAP OVER FOOTPRINT OF INTAKE STRUCTURE TO MATCH EXISTING SLOPE.
- NOTES:**
1. INTERIOR OF STRUCTURE IS APPROXIMATE ONLY BASED ON LIMITED VISUAL OBSERVATIONS. ACTUAL LAYOUT MAY VARY.



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Figure No. 14
Enlarged Sequencing Plan