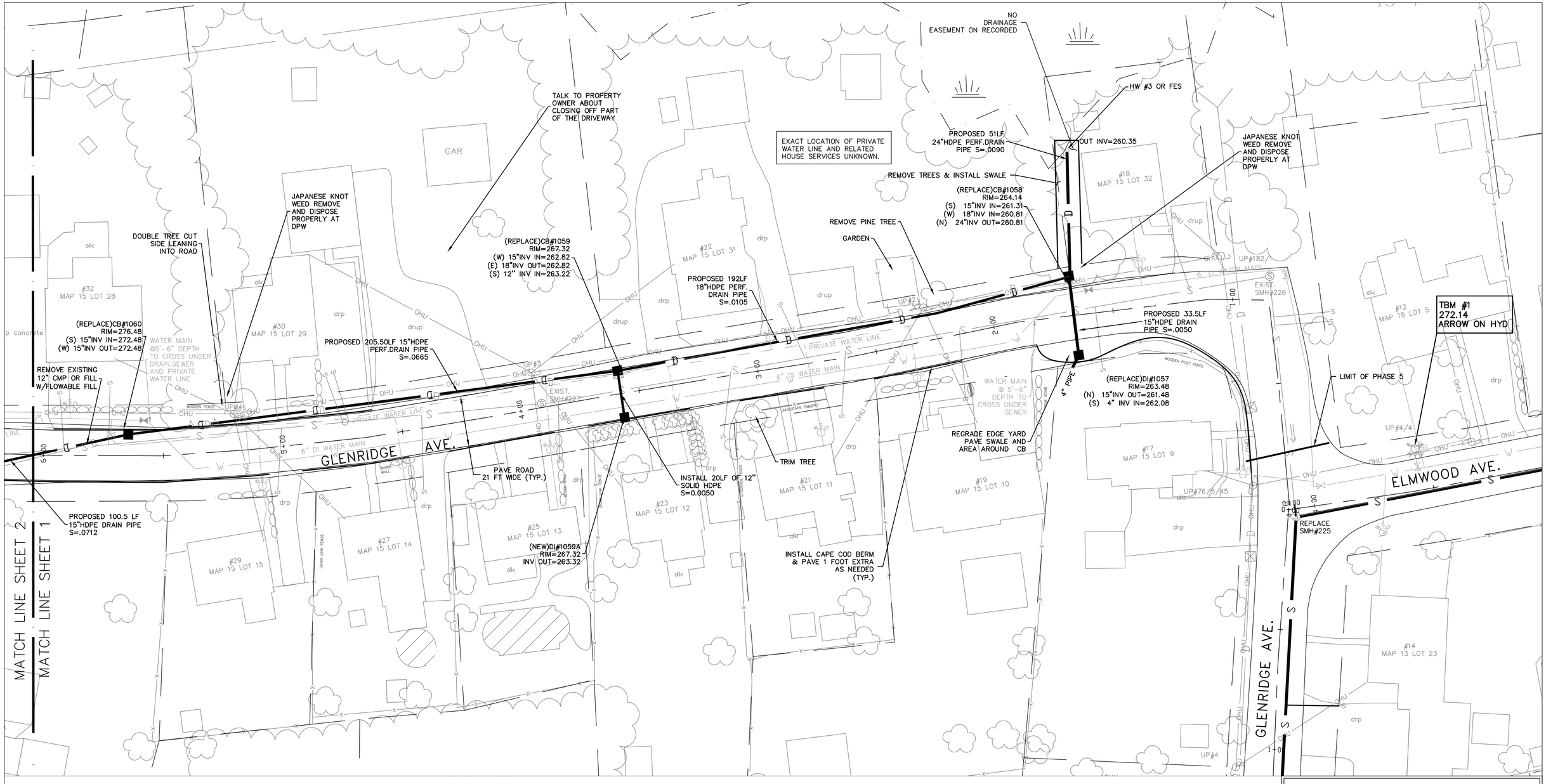
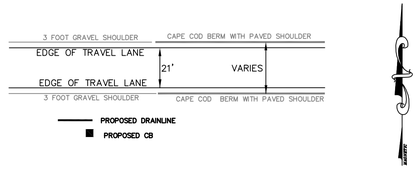


LEGEND:

DRAIN PIPE		WATER LINE	
WATER		RETAINING WALL	
UTILITY POLE		STONE WALL	
UTILITY BOX		GUARDRAIL	
LIGHT POLE		RAILROAD	
HYDRANT		POOL	
CATCH BASIN		PAVED ROAD	
SEWER		UNPAVED ROAD	
MANHOLE		SIDEWALK	
TREELINE		TRAIL	
FENCE		STRUCTURE	
CULVERT		WETLAND	

GENERAL NOTES:

1. ALL CATCH BASINS TO BE CASCADE COVERS IF OUT OF TRAVEL LANE, AND BICYCLE SAFE COVERS WHEN IN TRAVEL LANE. STRUCTURES MUST BE FLUSH WITH BASE AND TOP IF IN THE TRAVEL LANE.
2. ALL CATCH BASINS OUTSIDE OF TRAVEL LANE SHALL HAVE A PAVED APRON (MIN. 10' LONG) TO BACK OF CATCH BASIN. VERIFY WHERE FINISH GRADE OF STRUCTURES IN PAVED APRONS SHOULD BE WITH ENGINEER AS THESE SHOULD NOT BE LEFT TOO LOW.
3. RIP RAP APRONS SHALL BE INSTALLED AT ALL PIPE OUTLETS. WHEN PIPES ARE <18" RIP RAP APRON SHALL BE APPROX. 5' WIDE X 5' LONG AND 1' THICK. SIZE OF RIPRAP SHALL BE 6" MINUS. WHEN PIPES ARE >18", RIP RAP APRON SHALL BE APPROX. 10' WIDE X 10' LONG AND 1 FOOT THICK. SIZE OF RIPRAP SHALL BE 6–12".
4. HOLD POLES AS NEEDED DURING CONSTRUCTION. THERE IS NO SEPARATE LINE ITEM FOR HOLDING POLES AS THIS IS INCIDENTAL TO THE PROJECT.
5. DEFLECTION ON 12" HDPE PIPE SHALL BE LESS THAN 5% OR 1' EVERY 20' IN LENGTH BOTH HORIZONTAL AND VERTICAL.



GRAPHIC SCALE

20 0 10 20 40 80

(IN FEET)
1 inch = 20 ft.

NO.	DATE	DESCRIPTION	BY

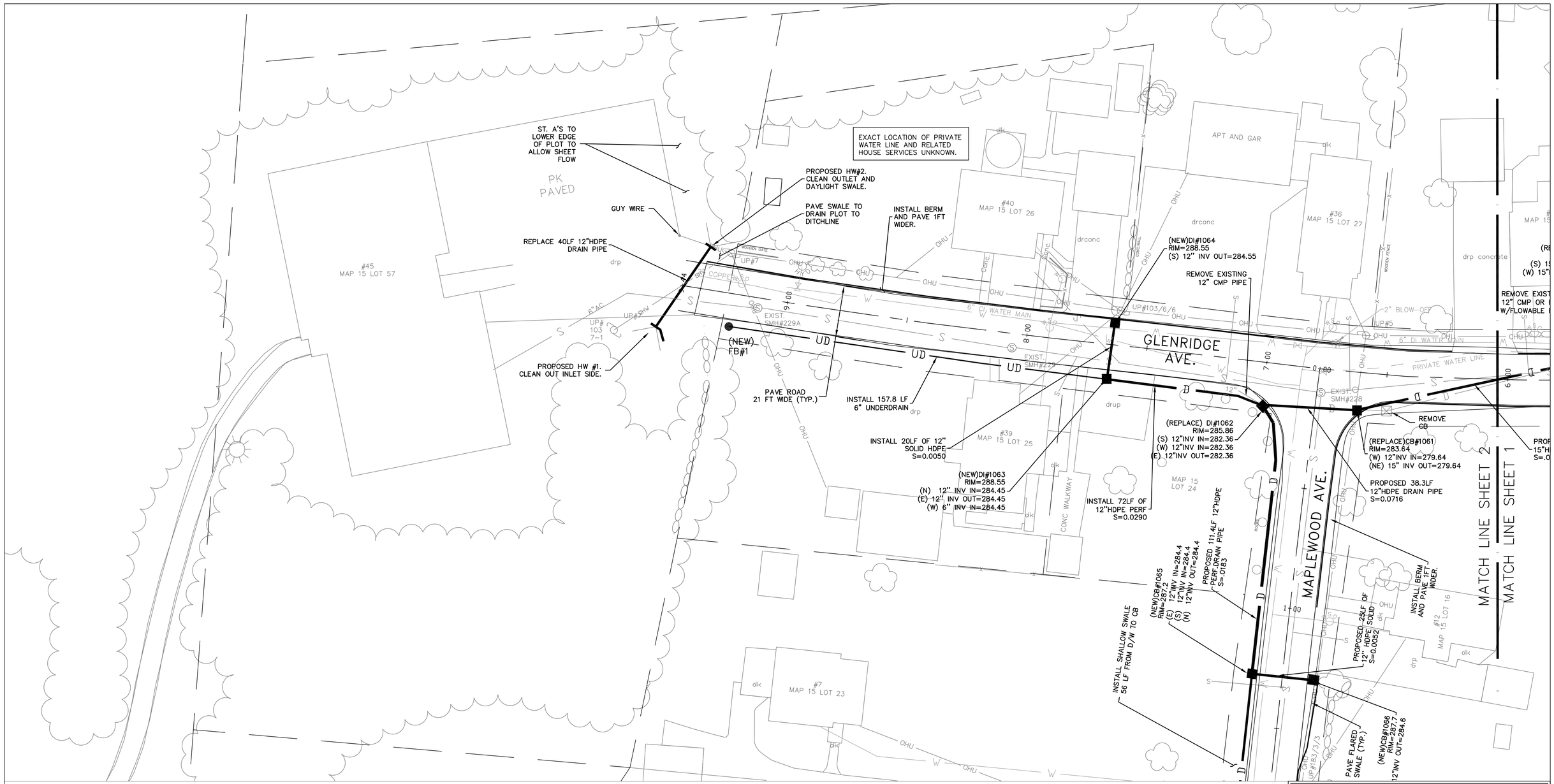
GLENRIDGE AVE. DRAINAGE
PROJECT PHASE 5

PLAN VIEW
GLENRIDGE AVE.
GOFFSTOWN, NH

PREPARED BY:
TOWN OF GOFFSTOWN

DEPARTMENT OF PUBLIC WORKS
GOFFSTOWN, NEW HAMPSHIRE

PROJ MANAGER: MET	CHECKED BY: MH	DRAWN BY: MOY
DATE: 06–16–16	DWG#: P1	SHEET #1 OF 4



LEGEND:

DRAIN PIPE		WATER LINE	
WATER		RETAINING WALL	
UTILITY POLE		STONE WALL	
UTILITY BOX		GUARDRAIL	
LIGHT POLE		RAILROAD	
HYDRANT		POOL	
CATCH BASIN		PAVED ROAD	
SEWER		UNPAVED ROAD	
MANHOLE		SIDEWALK	
TREELINE		TRAIL	
FENCE		STRUCTURE	
CULVERT		WETLAND	

GENERAL NOTES:

1. ALL CATCH BASINS TO BE CASCADE COVERS IF OUT OF TRAVEL LANE, AND BICYCLE SAFE COVERS WHEN IN TRAVEL LANE. STRUCTURES MUST BE FLUSH WITH BASE AND TOP IF IN THE TRAVEL LANE.
2. ALL CATCH BASINS OUTSIDE OF TRAVEL LANE SHALL HAVE A PAVED APRON (MIN. 10' LONG) TO BACK OF CATCH BASIN. VERIFY WHERE FINISH GRADE OF STRUCTURES IN PAVED APRONS SHOULD BE WITH ENGINEER AS THESE SHOULD NOT BE LEFT TOO LOW.
3. RIP RAP APRONS SHALL BE INSTALLED AT ALL PIPE OUTLETS. WHEN PIPES ARE <18" RIP RAP APRON SHALL BE APPROX. 5' WIDE X 5' LONG AND 1' THICK. SIZE OF RIPRAP SHALL BE 6" MINUS. WHEN PIPES ARE >18", RIP RAP APRON SHALL BE APPROX. 10' WIDE X 10' LONG AND 1 FOOT THICK. SIZE OF RIPRAP SHALL BE 6–12".
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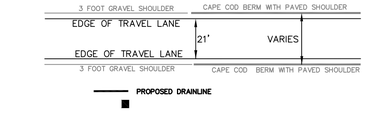


GRAPHIC SCALE

20 0 10 20 40 80

(IN FEET)
1 inch = 20 ft.

NO.	DATE	DESCRIPTION	BY

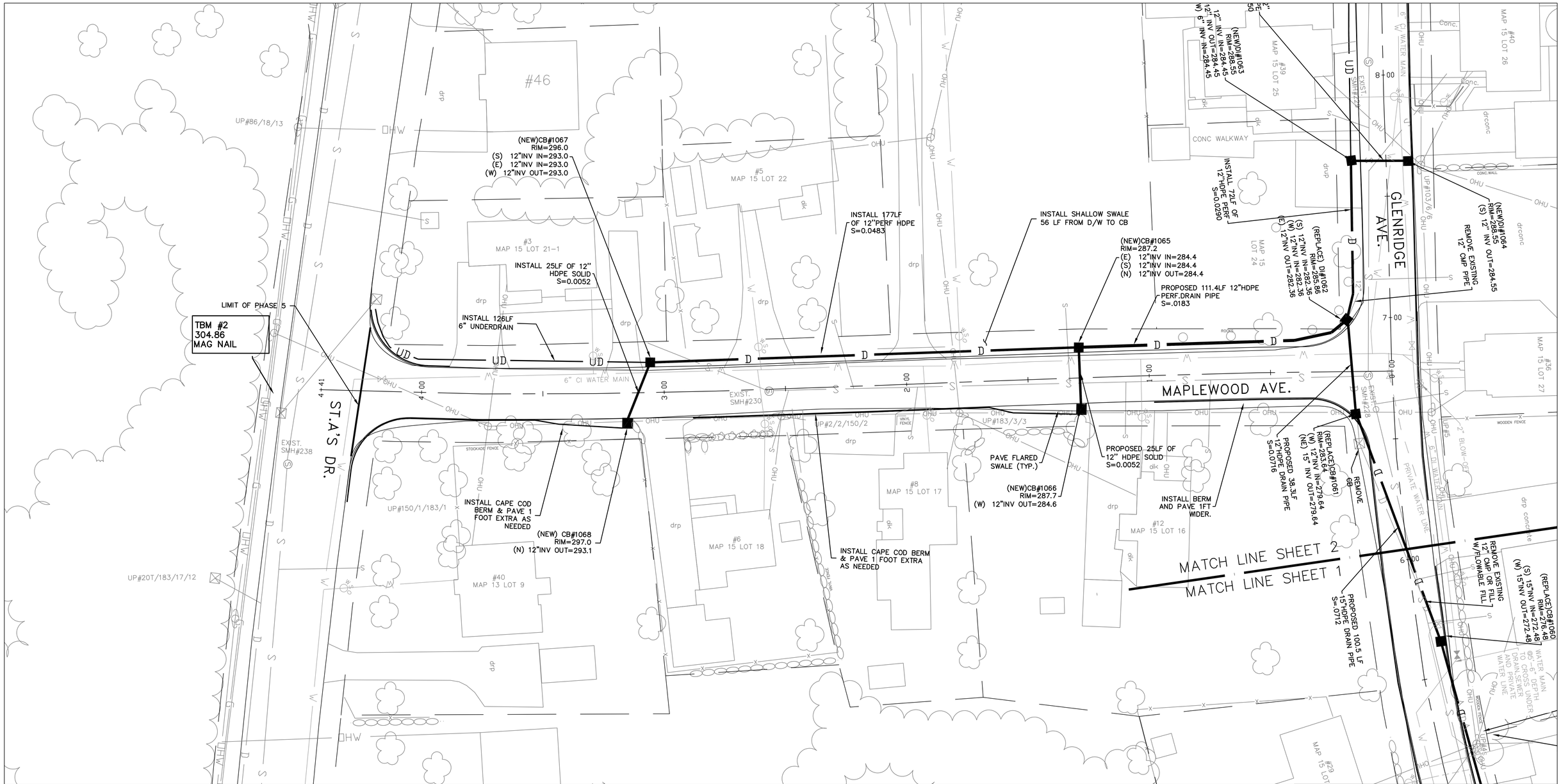
GLENRIDGE AVE. DRAINAGE
PROJECT PHASE 5

PLAN VIEW
GLENRIDGE AVE. & MAPLEWOOD AVE.
GOFFSTOWN, NH

PREPARED BY:
TOWN OF GOFFSTOWN

DEPARTMENT OF PUBLIC WORKS
GOFFSTOWN, NEW HAMPSHIRE

PROJ MANAGER: MET	CHECKED BY: MH	DRAWN BY: MOY
DATE: 06–16–16	DWG#: P2	SHEET #2 OF 4



LEGEND:

DRAIN PIPE		WATER LINE	
WATER		RETAINING WALL	
UTILITY POLE		STONE WALL	
UTILITY BOX		GUARDRAIL	
LIGHT POLE		RAILROAD	
HYDRANT		POOL	
CATCH BASIN		PAVED ROAD	
SEWER		UNPAVED ROAD	
MANHOLE		SIDEWALK	
TREELINE		TRAIL	
FENCE		STRUCTURE	
CULVERT		WETLAND	

GENERAL NOTES:

1. ALL CATCH BASINS TO BE CASCADE COVERS IF OUT OF TRAVEL LANE, AND BICYCLE SAFE COVERS WHEN IN TRAVEL LANE. STRUCTURES MUST BE FLUSH WITH BASE AND TOP IF IN THE TRAVEL LANE.
2. ALL CATCH BASINS OUTSIDE OF TRAVEL LANE SHALL HAVE A PAVED APRON (MIN. 10' LONG) TO BACK OF CATCH BASIN. VERIFY WHERE FINISH GRADE OF STRUCTURES IN PAVED APRONS SHOULD BE WITH ENGINEER AS THESE SHOULD NOT BE LEFT TOO LOW.
3. RIP RAP APRONS SHALL BE INSTALLED AT ALL PIPE OUTLETS. WHEN PIPES ARE <18" RIP RAP APRON SHALL BE APPROX. 5' WIDE X 5' LONG AND 1' THICK. SIZE OF RIPRAP SHALL BE 6" MINUS. WHEN PIPES ARE >18", RIP RAP APRON SHALL BE APPROX. 10' WIDE X 10' LONG AND 1 FOOT THICK. SIZE OF RIPRAP SHALL BE 6–12".
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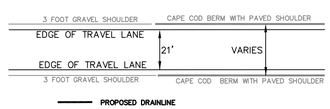

GRAPHIC SCALE

20 0 10 20 40 80

(IN FEET)
1 inch = 20 ft.

NO.	DATE	DESCRIPTION	BY

GLENRIDGE AVE. DRAINAGE
PROJECT PHASE 5

PLAN VIEW
MAPLEWOOD AVE.
GOFFSTOWN, NH

PREPARED BY:
TOWN OF GOFFSTOWN

DEPARTMENT OF PUBLIC WORKS
GOFFSTOWN, NEW HAMPSHIRE

PROJ MANAGER: MET	CHECKED BY: MH	DRAWN BY: MOY
DATE: 06–16–16	DWG#: P3	SHEET #3 OF 4

LEGEND:

DRAIN PIPE		WATER LINE	
WATER		RETAINING WALL	
UTILITY POLE		STONE WALL	
UTILITY BOX		GUARDRAIL	
LIGHT POLE		RAILROAD	
HYDRANT		POOL	
CATCH BASIN		PAVED ROAD	
SEWER		UNPAVED ROAD	
MANHOLE		SIDEWALK	
TREELINE		TRAIL	
FENCE		STRUCTURE	
CULVERT		WETLAND	

GENERAL NOTES:

1. ALL CATCH BASINS TO BE CASCADE COVERS IF OUT OF TRAVEL LANE, AND BICYCLE SAFE COVERS WHEN IN TRAVEL LANE. STRUCTURES MUST BE FLUSH WITH BASE AND TOP IF IN THE TRAVEL LANE.
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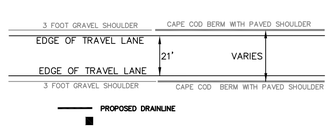

GRAPHIC SCALE

20 0 10 20 40 80

(IN FEET)
1 inch = 20 ft.

NO.	DATE	DESCRIPTION	BY

GLENRIDGE AVE. DRAINAGE PROJECT PHASE 5

PLAN VIEW
WESTWOOD AVE.
GOFFSTOWN, NH

PREPARED BY:
TOWN OF GOFFSTOWN

DEPARTMENT OF PUBLIC WORKS
GOFFSTOWN, NEW HAMPSHIRE

PROJ MANAGER: MET	CHECKED BY: MH	DRAWN BY: MOY
DATE: 06–16–16	DWG#: P4	SHEET #4 OF 4