STANDARD ABBREVIATIONS AND SYMBOLS

CITY OF DE PERE

LIST OF STANDARD ABBREVIATIONS

MAPPING & TOPOGRAPHY SYMBOLOGY

GENERAL CONSTRUCTION NOTES:

1. All elevations are referenced to

2. The work under this contract shall be in

3. All erosion control measures shall be in

PATCH SYMBOLS

ASPHALT CONCRETE PAVER

PORTLAND CEMENT CONCRETE

SHOVEL AGGREGATE BASE COURSE

STANDARD ABBREVIATIONS AND SYMBOLS

CITY OF DE PERE

ENGINEERING DIVISION 925 S. SIXTH ST DE PERE WI 54115
OFFICE 262-399-4060 FAX 262-399-4071

PROJECT #: 13-1

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G002
GARRITY'S GLEN SOUTH
CITY OF DE PERE
TYPICAL SECTIONS

BALLYVAUGHAN ROAD, KILRUSH ROAD, AND TIPPERARY TRAIL
TYPICAL SECTIONS

4" CONCRETE SEWER TO BE INSTALLED BY OTHERS (TYP.)

6" ASPHALT CONCRETE PAVEMENT CONSISTS OF
1.25" Binder Course, 3 LT (50-38 K)
1.75" Surface Course, 4 LT (50-28 K)
Asphalt Surface Course to be installed by others.

CROSS SECTION Profile through BALLYVAUGHAN ROAD AS FOLLOWS

POINT REFERRED TO ON PROFILE

UTILITY EASEMENT

6" ASPHALT CONCRETE

15" CRUSHED AGGREGATE BASE COURSE

STATION 26+414.3 TO 26+460.3 = 0.53% TO 2.00%
STATION 26+465.3 TO 26+510.3 = 1.00% TO 2.00%
STATION 26+510.3 TO 26+560.3 = 0.73% TO 2.00%

CITY OF DE PERE
ENGINEERING DIVISION 925 S. SIXTH ST DE PERE WI 54115
PHONE 920-339-4001  FAX 920-339-4071

GARRITY'S GLEN SOUTH
TYPICAL SECTIONS
NOTE:
1. GRANULAR BACKFILL - SANITARY SEWER
NOTE:
1. GRANULAR BACKFILL - SANITARY SEWER

CITY OF DE PERE
ENGINEERING DIVISION 925 S. SIXTH ST DE PERE WI 54115

KILRUSH ROAD
450' W/O BALLYVAUGHAN TO
SANITARY SEWER AND WATER MAIN
NOTE:
1. GRANULAR BACKFILL - SANITARY SEWER
NOTE:
1. GRANULAR BASEMIL - SANITARY SEWER
LOT 44 AND LOT 45 STORM SEWER

LOT 39 AND LOT 40 STORM SEWER

LOT 17 AND LOT 18 STORM SEWER

NATURAL GROUND

EXIST RL PROFILE

PROP RL PROFILE

TOP: 632.00
(1.5' SEPARATION)

INLET (50)
TYPE "A"
STA 632.00 0'
RM = 637.88
D = 4.02'
FL = 633.88 (12" SE)

INLET (70)
TYPE "B"
STA 633.50 0'
RM = 633.55
D = 4.77
FL = 633.55 (12" SE)

127'-12" SN 0.500

TOP: 632.00
(1.5' SEPARATION)

INLET (45)
TYPE "A"
STA 632.00 0'
RM = 637.56
D = 3.97
FL = 633.56 (12" SE)

INLET (50)
TYPE "G"
STA 633.00 0'
RM = 637.69
D = 4.02'
FL = 633.00 (12" SE)

REAR LOTS STORM SEWER

LOTS 44-45, LOTS 39-40 AND LOTS 17-18

STORM SEWER

CITY OF DE PERE

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OFFICE 920-339-4061 FAX 920-339-4077

PROJECT # 19-13

STORM SEWER

LOTS 44-45, LOTS 39-40 AND LOTS 17-18

STORM SEWER

C127
CITY OF DE PERE
GARROMAN DRIVE
CROSS SECTIONS

INTERSECTION OF GARROMAN DRIVE AND TIPPERARY TRAIL
SEE INTERSECTION SHEET C405
CITY OF DE PERE
BALLYVAUGHAN ROAD
INTERSECTION OF KILRUSH ROAD
AND BALLYVAUGHAN ROAD
SEE INTERSECTION SHEET C405
SEE GRADING PLAN

INTERSECTION OF KILRUSH ROAD
AND BALLYVAUGHAN ROAD
SEE INTERSECTION SHEET C405
TYPICAL DITCH DETAIL FOR LAWRENCE DRIVE

NOTE:
1. DAVILIGHT 6" STORM DRAIN LATERAL AFTER U.L. EASEMENT.

GARRITY'S GLEN SOUTH
DITCH GRADING
LAWRENCE DRIVE

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ENGINEERING DIVISION 925 S. SIXTH ST DE PERE WI 54115
OFFICE 920-339-4081 FAX 920-339-4071

GARRITY'S GLEN SOUTH DITCH GRADING LAWRENCE DRIVE PAGE 5
TYPICAL DITCH DETAIL
FOR TIPPERARY TRAIL
TYPICAL DITCH DETAIL:

EXISTING GROUND

GARRITY'S GLEN SOUTH
DITCH GRADING
TIPPERARY TRAIL BY POND

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OFFICE 920-339-4081 FAX 920-339-4071

C416
GENERAL NOTES

AVOID PLACING DRAINAGE STRUCTURES, JUNCTION BOXES OR OTHER OBSTRUCTIONS IN FRONT OF RAMP ACCESS AREAS.

DETECTABLE WARNING FIELDS THAT ARE INSTALLED AS A GROUP OR SIDE BY SIDE SHALL BE FROM THE SAME MANUFACTURER.

① GRADE CHANGE BETWEEN GUTTER FLAG SLOPE AND THE CURB RAMP SLOPE SHALL NOT EXCEED 15%. MAXIMUM GUTTER FLAG SLOPE IS 4%. PROVIDE LONGITUDINAL DRAINAGE AROUND CURB AND AWAY FROM CURB RAMP. NO VERTICAL LIPS OR SLOPE DECREASES GREATER THAN 15% HORIZONTAL ALLOWED. SLOPE OF CURB HEAD OPENING SHALL MATCH THE RAMP SLOPE MINIMALLY 15% AND NOT TO EXCEED 15% WHEN ADJACENT TO LOS LANDING. CONSTRUCT CURB HEAD OPENING AT LOS IN THE DIRECTION OF PEDESTRIAN TRAVEL.

② ABSOLUTE MAXIMUM SLOPE (0-30%) ONLY CURB RAMP SLOPE IS ALLOWABLE WITH FLATTENED GUTTER FLAG SLOPE AND NOT TO EXCEED ITS GRADE CHANGE.

③ ±0.02 CONSTRUCTION TOLERANCE IN SIDEWALK CROSS SLOPE, THE SIDEWALK CROSS SLOPE SHALL NOT EXCEED 0.02 WITHOUT PRIOR APPROVAL FROM THE ENGINEER.

④ PROVIDE A LEVEL, LANDING MAXIMUM 1% SLOPED IN ANY DIRECTION OF PEDESTRIAN TRAVEL. STANDARD LANDING SIDE IS 9 FEET X 3 FEET.

⑤ WHEN THIS GRADE BREAK DISTANCE EXCEEDS 5 FEET, USE RADIUS DETECTABLE WARNING FIELD PER SDD 805-

⑥ PROVIDE GRADE BREAK PERPENDICULAR TO DIRECTION OF WHEELCHAIR TRAVEL.

⑦ WHEN THIS DISTANCE IS LESS THAN 5 FEET, IT MAY BE DIFFICULT TO ACHIEVE A +15% SLOPE OR FLATTER ALONG THE RAMP. REDUCE CURB HEIGHT IN TRANSITION AREA TO ACHIEVE A +15% SLOPE OR FLATTER ON RAMP. CONSTRUCT 2% MINIMUM CURB HEIGHT BETWEEN SIDEWALKS.

CITY OF DE PERE
DEPARTMENT OF TRANSPORTATION
GARRITY'S GLEN SOUTH
CONSTRUCTION DETAILS

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

SDD 8d5-b  Curb Ramps Types 2 and 3

PLAN VIEW
TYPE 2 RAMP
(IN LINE WITH SIDEWALK)

SECTION A-A

PLAN VIEW
TYPE 3 RAMP
(OUTSIDE OF SIDEWALK AREA)
NON TRAFFIC INSTALLATION

DRAIN BASIN

INLINE DRAIN

THE BACKFILL MATERIAL SHALL BE CRUSHED STONE OR OTHER GRANULAR MATERIAL MEETING THE REQUIREMENTS OF CLASS II MATERIAL AS DEFINED IN ASTM C2321, OR AS DETERMINED BY LOCAL STANDARDS & SITE ENGINEER. BEDDING & BACKFILL FOR SURFACE DRAINAGE INLETS SHALL BE PLACED & COMPACTED UNIFORMLY IN ACCORDANCE WITH ASTM C2321.
1299CGP

APPROX. DRAIN AREA = 58.08 SQ IN
APPROX. WEIGHT WITH FRAME = 33.44 LBS

HINGED GRATE
FOR EASY ACCESS

DIMENSIONS ARE FOR REFERENCE ONLY
ACTUAL DIMENSIONS MAY VARY
DIMENSIONS ARE IN INCHES
GRADE MEETS SY 95 LOAD RATING
QUALITY: MATERIALS SHALL CONFORM TO ASTM A536 GRADE 70-50-05
PAINT: CASTINGS ARE FURNISHED WITH A BLACK PAINT
SIZE OF OPENING MEETS REQUIREMENTS OF AMERICAN DISABILITY
ACT AS STATED IN FEDERAL REGISTER PART II DEPARTMENT OF
JUSTICE, 24 CFR, PART 36.
LOCKING DEVICE AVAILABLE UPON REQUEST SEE DRAWING NO.
7001-110-034

DUCTILE IRON

APPROX. DRAIN AREA = 58.08 SQ IN
APPROX. WEIGHT WITH FRAME = 33.44 LBS

HINGED GRATE
FOR EASY ACCESS

DIMENSIONS ARE FOR REFERENCE ONLY
ACTUAL DIMENSIONS MAY VARY
DIMENSIONS ARE IN INCHES
GRADE MEETS SY 95 LOAD RATING
QUALITY: MATERIALS SHALL CONFORM TO ASTM A536 GRADE 70-50-05
PAINT: CASTINGS ARE FURNISHED WITH A BLACK PAINT
SIZE OF OPENING MEETS REQUIREMENTS OF AMERICAN DISABILITY
ACT AS STATED IN FEDERAL REGISTER PART II DEPARTMENT OF
JUSTICE, 24 CFR, PART 36.
LOCKING DEVICE AVAILABLE UPON REQUEST SEE DRAWING NO.
7001-110-034
8 IN - 30 IN BODY TO ADAPTER DIMENSIONS

DIMENSIONS ARE FOR REFERENCE ONLY
ACTUAL DIMENSIONS MAY VARY
DIMENSIONS ARE IN INCHES
*C - SEE DRAWING NO. 7001-110-275 FOR ADS N-12 & HANCOR DUAL WALL BELL INFORMATION & DRAWING NO. 7001-110-364 FOR N-12 HP BELL INFORMATION

CONSTRUCTION DETAILS
C505
GARRITY'S GLEN SOUTH

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