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THIS IS AN EXISTING SPRINT WIRELESS TELECOMMUNICATION FACILITY NETWORK VISION EQUIPMENT UPGRADE

NETWORK VISION MMBS LAUNCH ANN ARBOR WATER PLT.

DE60XC278

919 SUNSET ROAD
ANN ARBOR, MI. 48103
WASHTENAW COUNTY

LATITUDE: 42.296868 / 42° 17' 48.7248" (NAD 83) (GPS READING)
LONGITUDE: -83.762514 / -83° 45' 45.0498" (NAD 83) (GPS READING)

ROOFTOP
EAST MICHIGAN MARKET



GENERAL DYNAMICS
WIRELESS SERVICES



POWDER RIVER
Development Services, LLC
100 E. SHENANGO STREET
SHARPSVILLE, PA 16150
724.962.5999
www.powderriverdev.com

PROJECT INFORMATION:
NETWORK VISION MMBS LAUNCH
ANN ARBOR
WTR. TREAT PLT.

DE60XC278

919 SUNSET ROAD
ANN ARBOR, MI 48103
WASHTENAW COUNTY

ISSUE DATE: 12-10-2013

ISSUED FOR: CONSTRUCTION DWGS

REVISIONS

REV.	DATE	DESCRIPTION	INITIALS
A	9/05/12	ISSUED FOR CDs 90%	JDK
B	09/26/12	ISSUED FOR CDs 100%	SMM
C	10/01/12	ISSUED FOR CDs FINALS	JED
D	02/06/13	ISSUED FOR REVISED CDs FINALS	CCM
E	06/18/13	ISSUED FOR REVISED CDs FINALS	CCM
F	11/04/13	ISSUED FOR REVISED CDs FINALS	JED
G	12/10/13	ISSUED FOR REVISED FINALS	JED

NOT FOR CONSTRUCTION UNLESS
LABELED AS CONSTRUCTION SET



SHEET TITLE:
TITLE SHEET

SHEET NUMBER: **T-1** REVISION: **G**

PRDS PROJ.NO.
2533-070312

MICHIGAN STATE CODE COMPLIANCE:

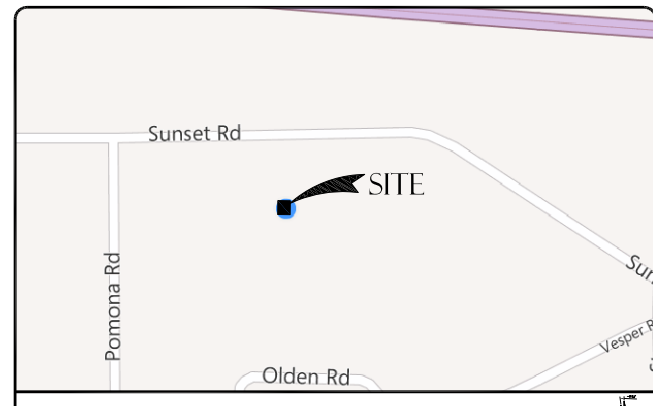
ALL WORK AND MATERIALS SHALL BE PERFORMED AND INSTALLED IN ACCORDANCE WITH THE CURRENT EDITIONS OF THE FOLLOWING CODES AS ADOPTED BY THE LOCAL GOVERNING AUTHORITIES. NOTHING IN THESE PLANS IS TO BE CONSTRUCTED TO PERMIT WORK NOT CONFORMING TO THESE CODES.

- 2009 IBC, STANDARDS AND AMENDMENTS-WAC 51-50;
- 2009 IMC, STANDARDS AND AMENDMENTS-WAC 51-52;
- 2009 IFC, STANDARDS AND AMENDMENTS-WAC 51-54;
- 2009 IPC, STANDARDS AND AMENDMENTS-WAC 51-56; 51-57
- MIOSHA MICHIGAN OCCUPATIONAL SAFETY AND HEALTH ADMINISTRATION

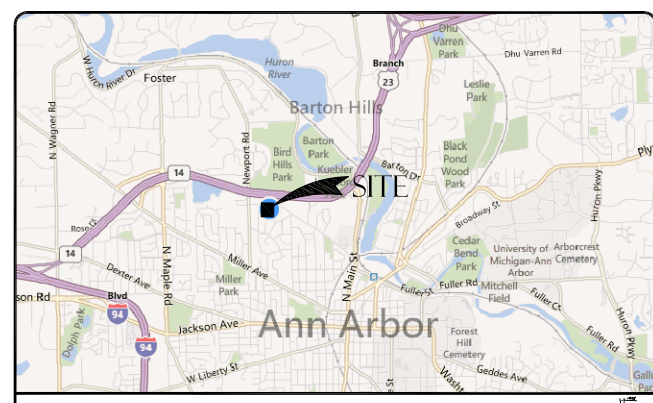
ACCESSIBILITY REQUIREMENTS:

FACILITY IS UNMANNED AND NOT FOR HUMAN HABITATION. HANDICAPPED ACCESS REQUIREMENTS ARE NOT REQUIRED IN ACCORDANCE WITH THE 2009 IBC BUILDING CODE.

CODE BLOCK



AREA MAP



VICINITY MAP

FROM: GENERAL DYNAMICS WIRELESS SERVICES

DEPART HILLS TECH CT TOWARD HILLS TECH DR 63 FT TURN RIGHT ONTO HILLS TECH DR 0.2 MI TURN RIGHT ONTO HAGGERTY RD 0.5 MI TURN RIGHT ONTO W 12 MILE RD 0.1 MI MAKE A U-TURN TO STAY ON W 12 MILE RD 0.8 MI TAKE RAMP RIGHT FOR I-275 SOUTH / I-96 EAST TOWARD DETROIT / TOLEDO 7.9 MI KEEP STRAIGHT ONTO I-275 S 0.4 MI TAKE RAMP RIGHT FOR M-14 TOWARD ANN ARBOR 15.3 MI KEEP STRAIGHT ONTO US-23 N / M-14 W 1.9 MI AT EXIT 45, TAKE RAMP LEFT FOR M-14 TOWARD ANN ARBOR 1.6 MI AT EXIT 3, TAKE RAMP RIGHT FOR US-23-SR TOWARD DOWNTOWN ANN ARBOR 0.2 MI KEEP STRAIGHT ONTO US-23 S BRANCH / N MAIN ST 359 FT BEAR RIGHT ONTO US-23 BRANCH / N MAIN ST 0.7 MI TURN RIGHT ONTO W SUMMIT ST 480 FT TURN RIGHT ONTO WILDT ST 0.1 MI TURN LEFT ONTO SUNSET RD 0.9 MI ARRIVE AT 42.296868, -83.762514 ON THE LEFT THE LAST INTERSECTION IS BROOKS STIF YOU REACH POMONA RD, YOU'VE GONE TOO FAR 42.296868, -83.762514

DRIVING DIRECTIONS

SHEET	DESCRIPTION
T-1	TITLE SHEET
N-1	GENERAL NOTES
N-2	GENERAL NOTES
A-1	OVERALL SITE PLAN
A-2	ENLARGED SITE PLAN
A-3	ENLARGED EQUIPMENT PLANS
A-4	ANTENNA PLANS AND SCHEDULES
A-5	NEW SOUTH & EAST ELEVATIONS
A-6	EQUIPMENT DETAILS
A-7	EQUIPMENT DETAILS (OUTDOOR SPECIFICATIONS)
A-8	EQUIPMENT DETAILS
A-9	EQUIPMENT DETAILS
RF-1	ANTENNA AND CABLE COLOR CODING DETAILS
E-1	ONE-LINE DIAGRAM & POWER PANEL SCHEDULE
E-2	DC POWER ONE-LINE DIAGRAM
E-3	ELECTRICAL DETAILS (OUTDOOR SPECIFICATIONS)
E-4	CONDUIT ROUTING
E-5	GROUNDING PLAN
E-6	GROUNDING DETAILS
E-7	GROUNDING DETAILS

SHEET INDEX

APPLICANT:
GENERAL DYNAMICS WIRELESS SERVICES ON BEHALF OF SPRINT
27007 HILLS TECH CT
FARMINGTON HILLS, MI 48331
CONTACT: GREG BRUETT
PH: 781.726.0174

PROPERTY INFORMATION:
PROPERTY OWNER: CITY OF ANN ARBOR
ADDRESS: 919 SUNSET ROAD,
ANN ARBOR, MI 48103
CONTACT: MOLLY ROBINSONPH:
(734) 994-2840
TOWER OWNER: CITY OF ANN ARBOR
SITE ID: DE60XC278-C

ZONING CLASSIFICATION: PL (PUBLIC LAND)
CONSTRUCTION TYPE: VB
OCCUPANCY: U
JURISDICTION: CITY OF ANN ARBOR
CURRENT USE: UNMANNED WIRELESS TELECOMMUNICATIONS FACILITY
NEW USE: UNMANNED WIRELESS TELECOMMUNICATIONS FACILITY

PARCEL NUMBER(S):
8109-09-19-108-001

LEASE AREA:
9x18

PROJECT SUMMARY

ARCHITECT & ELECTRICAL ENGINEER:
POWDER RIVER DEVELOPMENT SERVICES, LLC
100 EAST SHENANGO STREET
SHARPSVILLE, PA 16150
CONTACT: JASON DOCTER
PHONE: 724-977-2317
EMAIL: jason.docter@powderriverdev.com

STRUCTURAL ENGINEER:
TBD

SITE ACQ. PROJECT MANAGER:
GENERAL DYNAMICS WIRELESS SERVICES
27007 HILLS TECH CT
FARMINGTON HILLS, MI 48331
CONTACT: ANDREW JEWELL
PH: 305.747.0532
EMAIL: andrew.jewell@gdit.com

CONSTRUCTION MANAGER:
GENERAL DYNAMICS WIRELESS SERVICES
27007 HILLS TECH CT
FARMINGTON HILLS, MI 48331
CONTACT: JAMES SHIREY
PH: 810.618.0803
EMAIL: james.shirey@gdwireless.com

BUILDING DEPARTMENT:
CITY OF ANN ARBOR
301 E. HURON STREET
ANN ARBOR, MI
CONTACT: AVAILABLE REP
PH: 734-794-6267

ELECTRICAL COMPANY:
DTE
ONE DTE ENERGY PLAZA
DETROIT, MI 48226
CONTACT: AVAILABLE REP.
PH: 734.302.4800

TELCO COMPANY:
AT&T
CONTACT: AVAILABLE REP
PH: 800-944-0447

AAV MANAGER:
GENERAL DYNAMICS WIRELESS SERVICES
27007 HILLS TECH CT
FARMINGTON HILLS, MI 48331
CONTACT: DENNIS SIKES
PH: 248.991.1502
EMAIL: dennis.sikes@gdit.com

RF ENGINEER:
STA NETWORKS SERVICES
27007 HILLS TECH CT
FARMINGTON HILLS, MI 48331
CONTACT: RINA PATEL
PH: 248.996.4971
EMAIL: r.patel@sta.samsung.com

PROJECT TEAM

APPROVAL	SIGNATURE	DATE
SITE ACQUISITION MANAGER		
CONSTRUCTION MANAGER		
A&E MANAGER		
PLANNING CONSULTANT		
RF MANAGER		
RF ENGINEER		
PROPERTY OWNER		
SPRINT REPRESENTATIVE		
AAV MANAGER		

SIGNATURE BLOCK