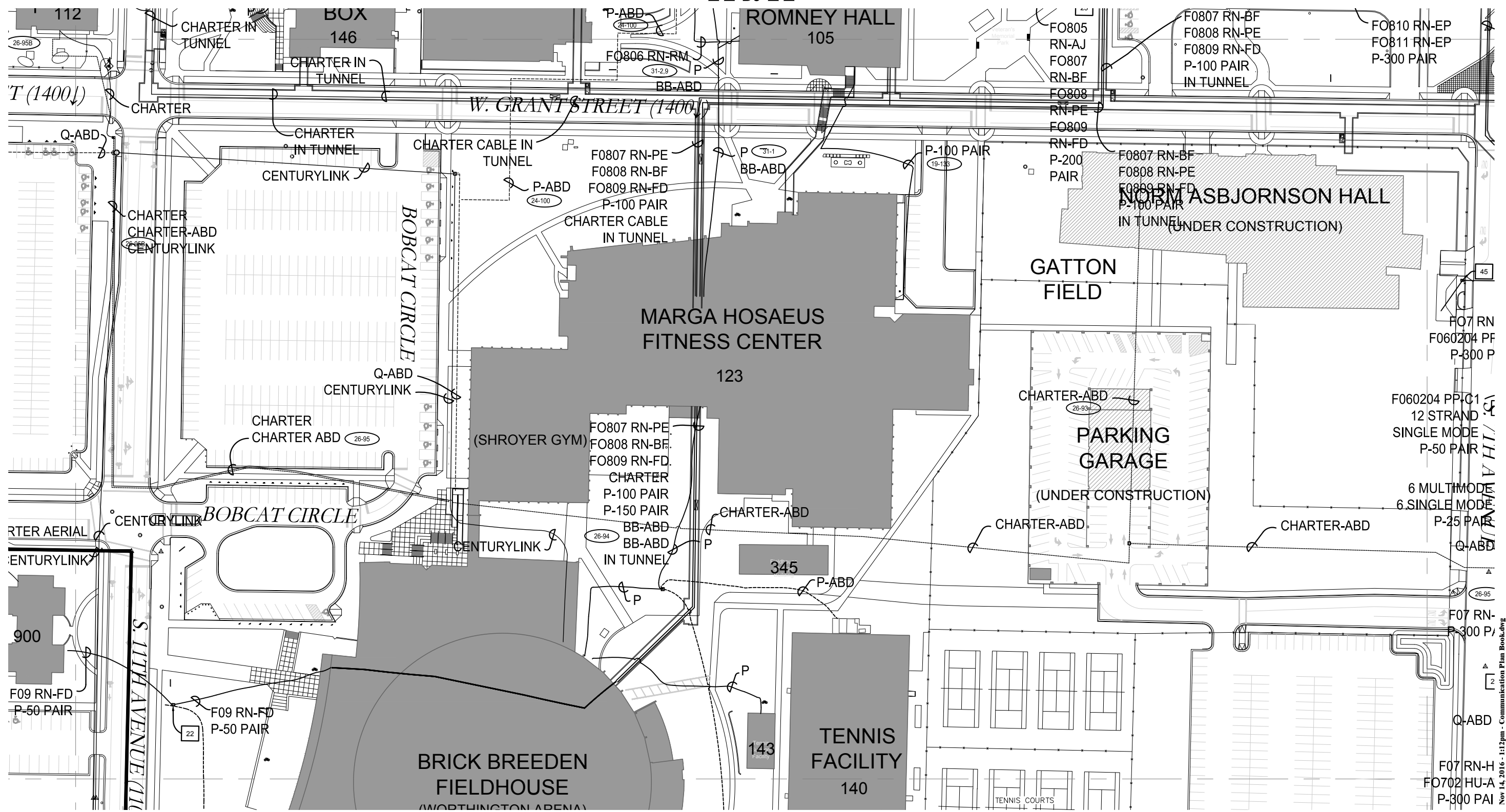


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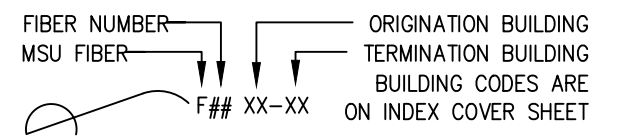
▲▲ A4 ▲▲



LEGEND

- | | | | |
|--------------|----------------------------|-------------|----------------------------|
| ZAYO | ZAYO | R | MSU RADIO CABLE |
| F-CHARTER | CHARTER FIBER (TCI) | V | MSU VIDEO CABLE |
| F-AT&T2 | AT&T FIBER (VISIONNET/TCI) | CAT5 | MSU CATEGORY 5 PHONE |
| F-CENTRYLINK | CENTRYLINK FIBER | OPTIMUM-ABD | ABANDONED OPTIMUM CABLE TV |
| CENTRYLINK | CENTRYLINK PHONE | Q-ABD | ABANDONED CENTRYLINK PHONE |
| CHARTER | CHARTER CABLE TV (TCI) | BB-ABD | ABANDONED MSU BROADBAND |
| P | MSU PHONE | C-ABD | ABANDONED MSU COMPUTER |
| BB | MSU BROADBAND | P-ABD | ABANDONED MSU PHONE |
| C | MSU COMPUTER LINE | R-ABD | ABANDONED MSU RADIO |
| | | V-ABD | ABANDONED MSU VIDEO |
| | | TR | TELECOMMUNICATIONS ROOM |

- | | |
|---|----------------------------|
| ⊙ | COMMUNICATION MANHOLE |
| □ | CENTRYLINK PHONE PEDESTAL |
| □ | MSU BROADBAND PEDESTAL |
| □ | MSU PULLBOX |
| ◇ | PAYPHONE |
| ◇ | COURTESY PHONE |
| ◇ | BLUE LIGHT EMERGENCY PHONE |
| ⊙ | BOOK#-PAGE# |



DATE: 11-16-00	
DRAWN BY: GG	
REVISION HISTORY	
DATE	BY
03-20-02	MM
11-30-04	MM
01-06-06	MM
12-23-10	GG

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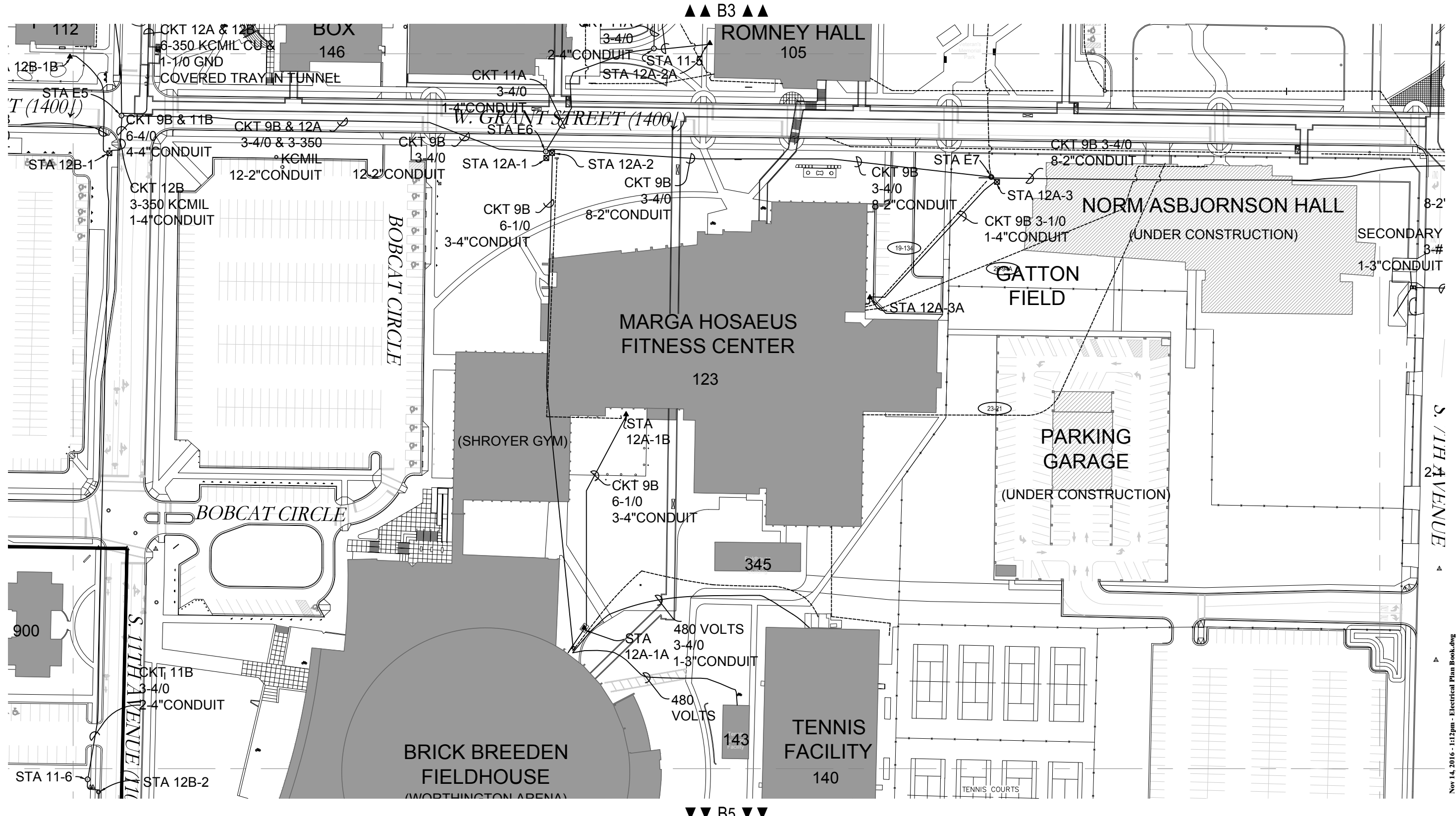
COMMUNICATION MAP

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B4

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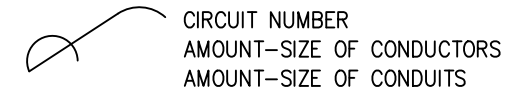
Nov 14, 2016 - 1:12pm - Communication Plan Book.dwg
P:Communication



Nov 14, 2016 - 1:12pm - Electrical Plan Book.dwg
J:Electrical

LEGEND

- ELECTRICAL UNDERGROUND
- ELECTRICAL OVERHEAD
- ABANDONED DUCT BANK
- ABANDONED UNDERGROUND
- POWER POLE
- ⊕ POLE MOUNT TRANSFORMER
- ▲ PAD MOUNT TRANSFORMER
- Ⓜ PAD MOUNT PRIMARY METERING
- Ⓞ PAD MOUNT JUNCTION ENCLOSURE
- ⊠ ELECTRICAL SWITCHING BOX
- ⊕ CAR HEATER OUTLET
- Ⓢ ELECTRICAL MANHOLE
- Ⓜ WATERERS
- Ⓜ PULL BOX



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DATE	BY
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12-30-05	MM
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ELECTRICAL MAP

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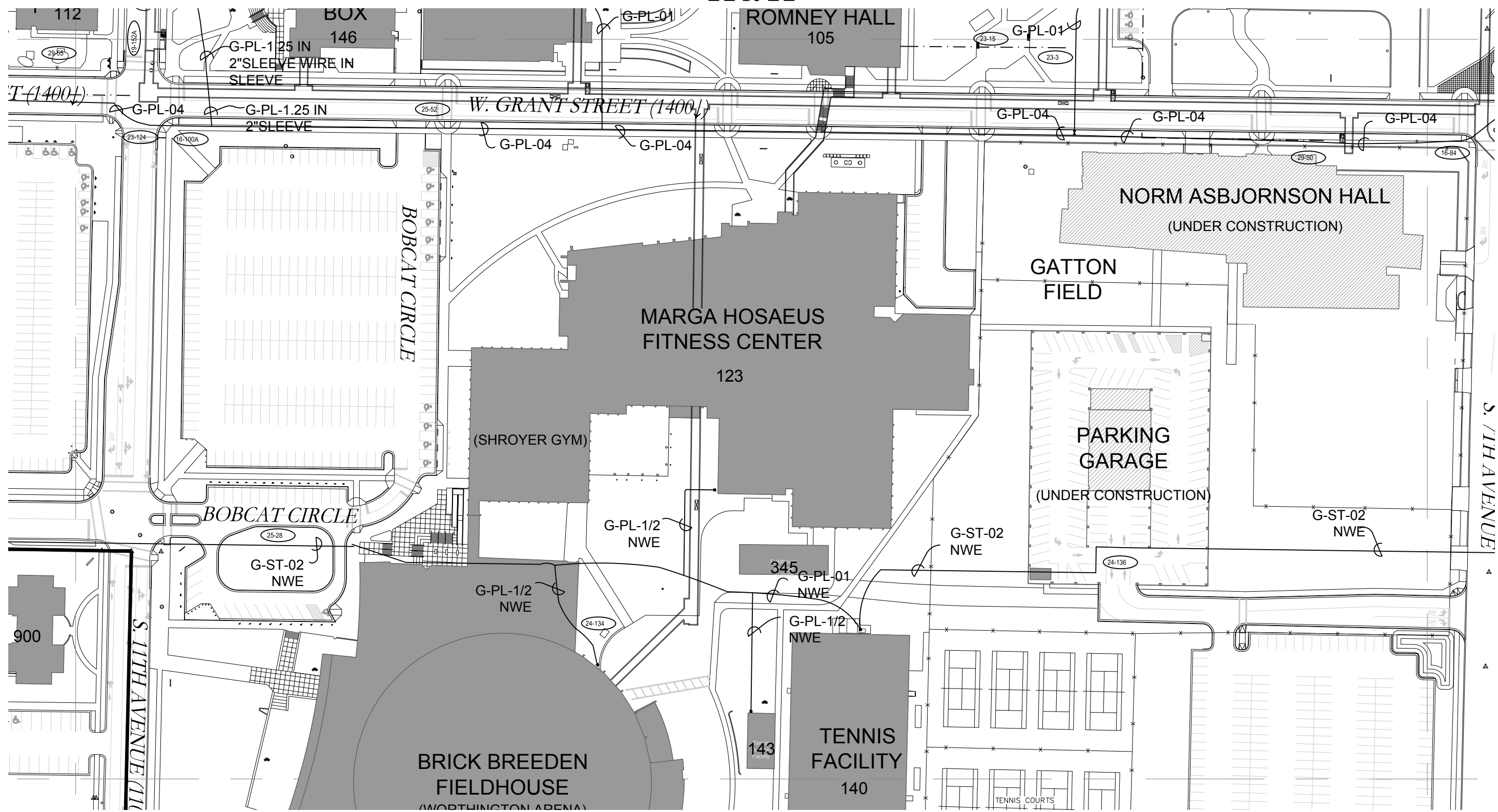
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Nov 14, 2016 - 1:12pm - Gas Plan Book.dwg
J:(Gas)

LEGEND

- GAS ——— MATERIAL TYPE
- G-MM-## ——— NOMINAL SIZE
- GAS LINE
- - - ABANDONED GAS
- GAS METER
- GAS REGULATOR
- ⊗ GAS VALVE

MATERIAL TYPES

- CS = CORRIGATED STAINLESS STEEL
- PL = PLASTIC
- ST = STEEL
- UK = UNKNOWN

Ⓟ ——— BOOK#-PAGE#

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REVISION HISTORY	
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08-17-06	MM
03-28-08	MM
01-15-09	MM
01-14-10	MM
12-23-10	GG

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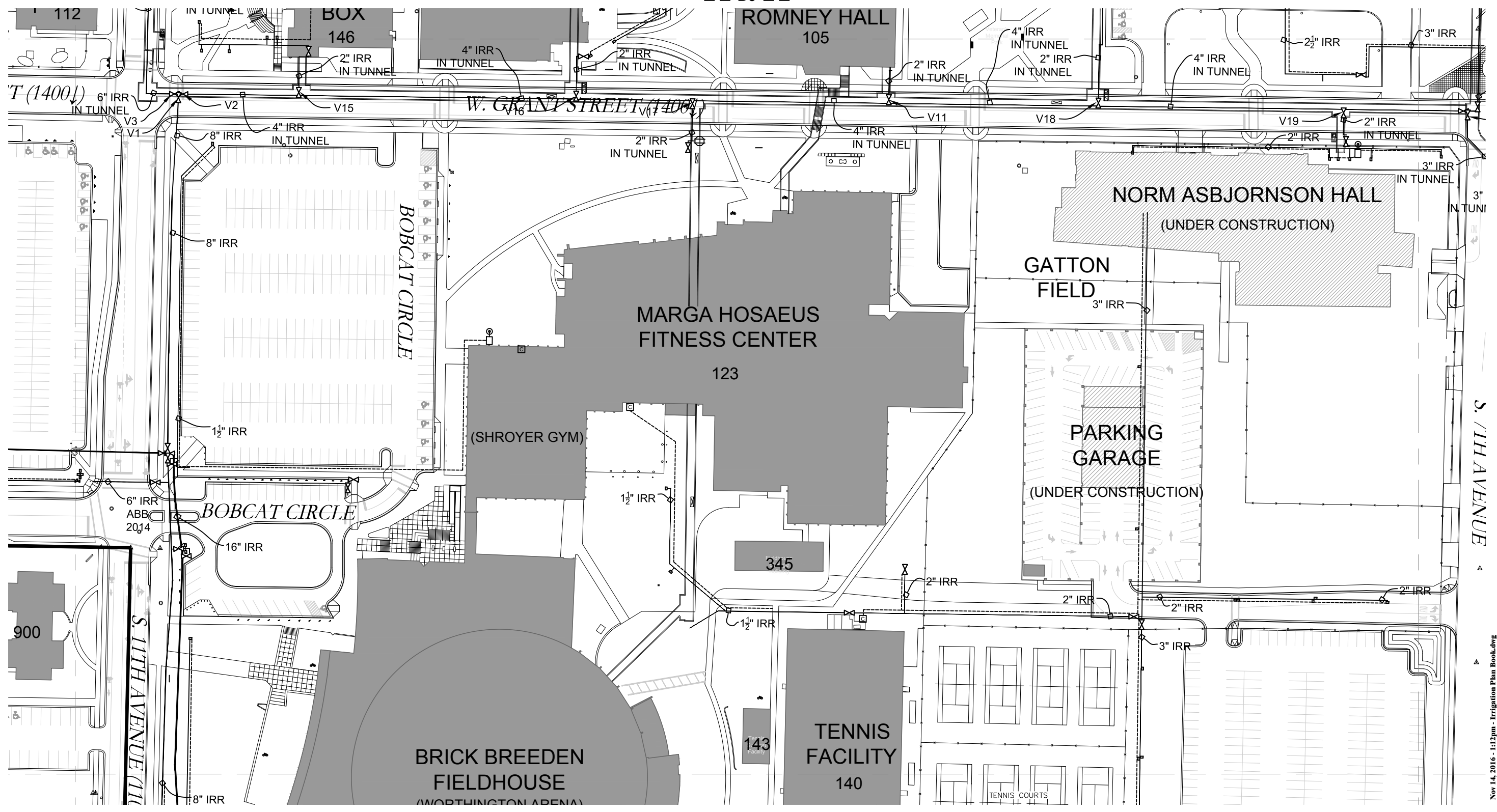
GAS MAP

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B4

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Nov 14, 2016 - 1:12pm - Irrigation Plan Book.dwg
J.Irrigation

SYMBOL LEGEND

- | | | | |
|--|-------------------------|--|-------------------------|
| | ZONE BOX | | STANDPIPE |
| | VALVE | | QUIKCOUPLER |
| | CONTROL BOX | | AIR VENT |
| | POINT OF CONNECTION | | IRRIGATION WELL |
| | PRESSURE REDUCING VALVE | | FLOWMETER |
| | CAPPED LINE | | MAXICOM BOX |
| | | | IRRIGATION |
| | | | ABANDONED IRRIGATION |
| | | | IRRIGATION CONTROL WIRE |

▼▼ B5 ▼▼

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04-09-04	MM
03-14-05	MM
03-27-08	MM
12-23-10	GG

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IRRIGATION MAP

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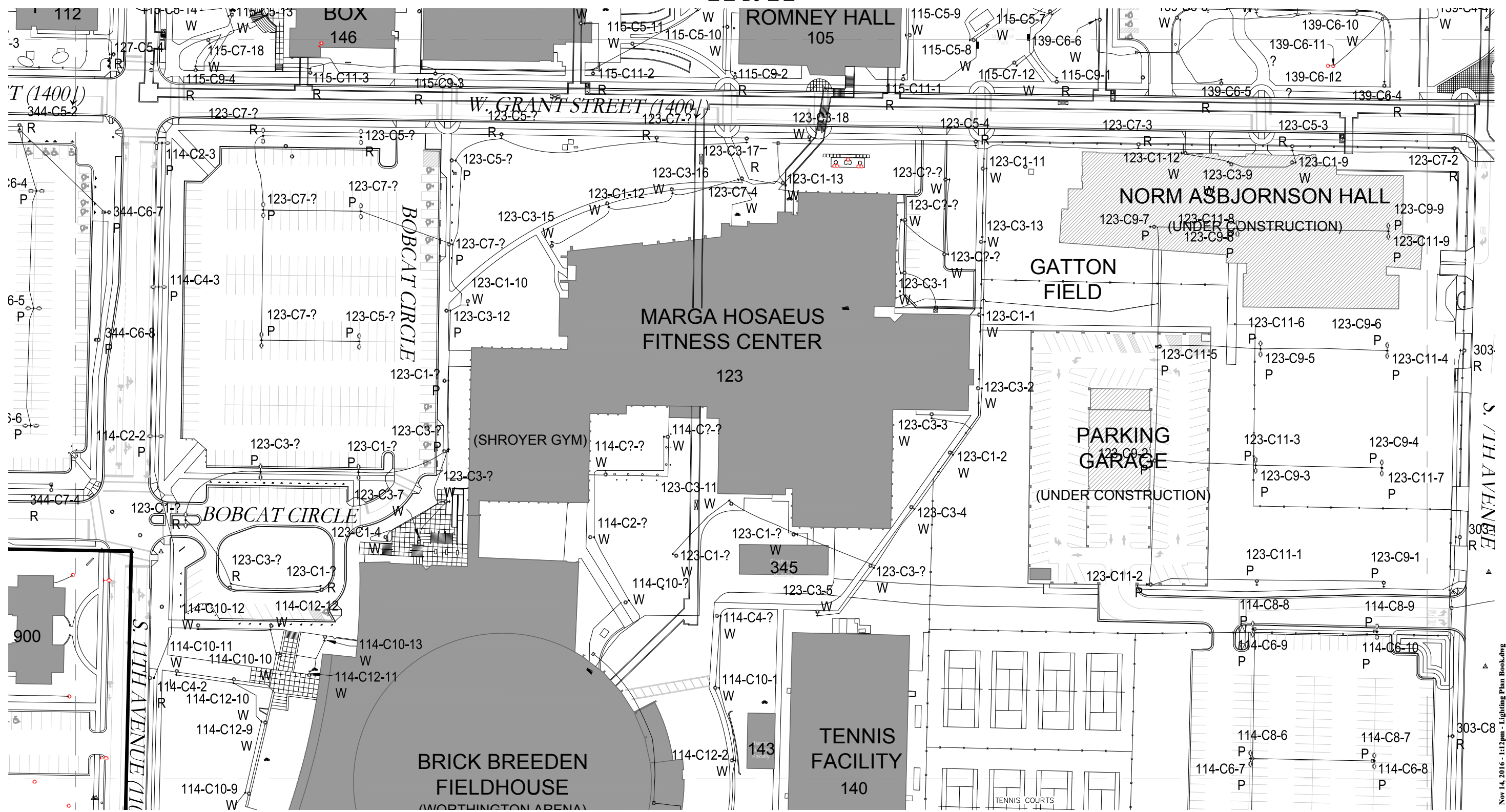
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LIGHT BULB SCHEDULE		
POLE TYPE	TYPE CODE	WATTS
WALKWAY	W	70
ROADWAY	R	150
PARKING	P	250
"F" PARKING	F-MTL HALIDE	400
MOR PARKING	HPS-70	70
MOR PARKING	HPS-200	200
N LINFIELD	HPS	VARIOUS

LABEL LEGEND

BUILDING CODE → 123-C2-10
 POLE TYPE (ROAD, WALK) → W
 CIRCUIT BREAKER NUMBER → 10
 LIGHT POLE NUMBER → 2

SINGLE LIGHT POLE	DOUBLE LIGHT POLE	LIGHTING CIRCUIT
TRIPLE LIGHT POLE	QUAD LIGHT POLE	OVERHEAD LINE
WALL LIGHT	ROUND J-BOX	ABANDONED LIGHTING CIRCUIT
PULLBOX		
ELECTRICAL PANEL		

DATE: 11-16-00		MONTANA STATE UNIVERSITY BOZEMAN, MONTANA	B4
DRAWN BY: GG			
REVISION HISTORY		LIGHTING MAP	B4
DATE	BY		
09-30-04	MM		
11-04-05	MM		
04-22-08	MM		
03-31-09	MM		
12-23-10	GG	 MONTANA STATE UNIVERSITY FACILITIES PLANNING, DESIGN & CONSTRUCTION BOZEMAN, MONTANA PHONE: 406-994-4131 FAX: 406-994-6572	

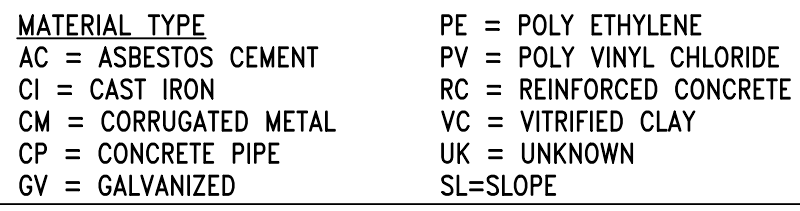
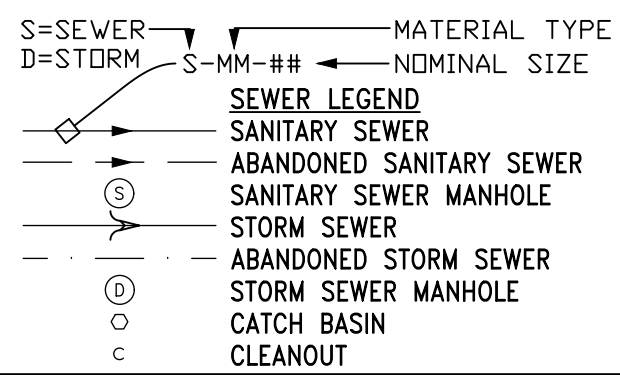
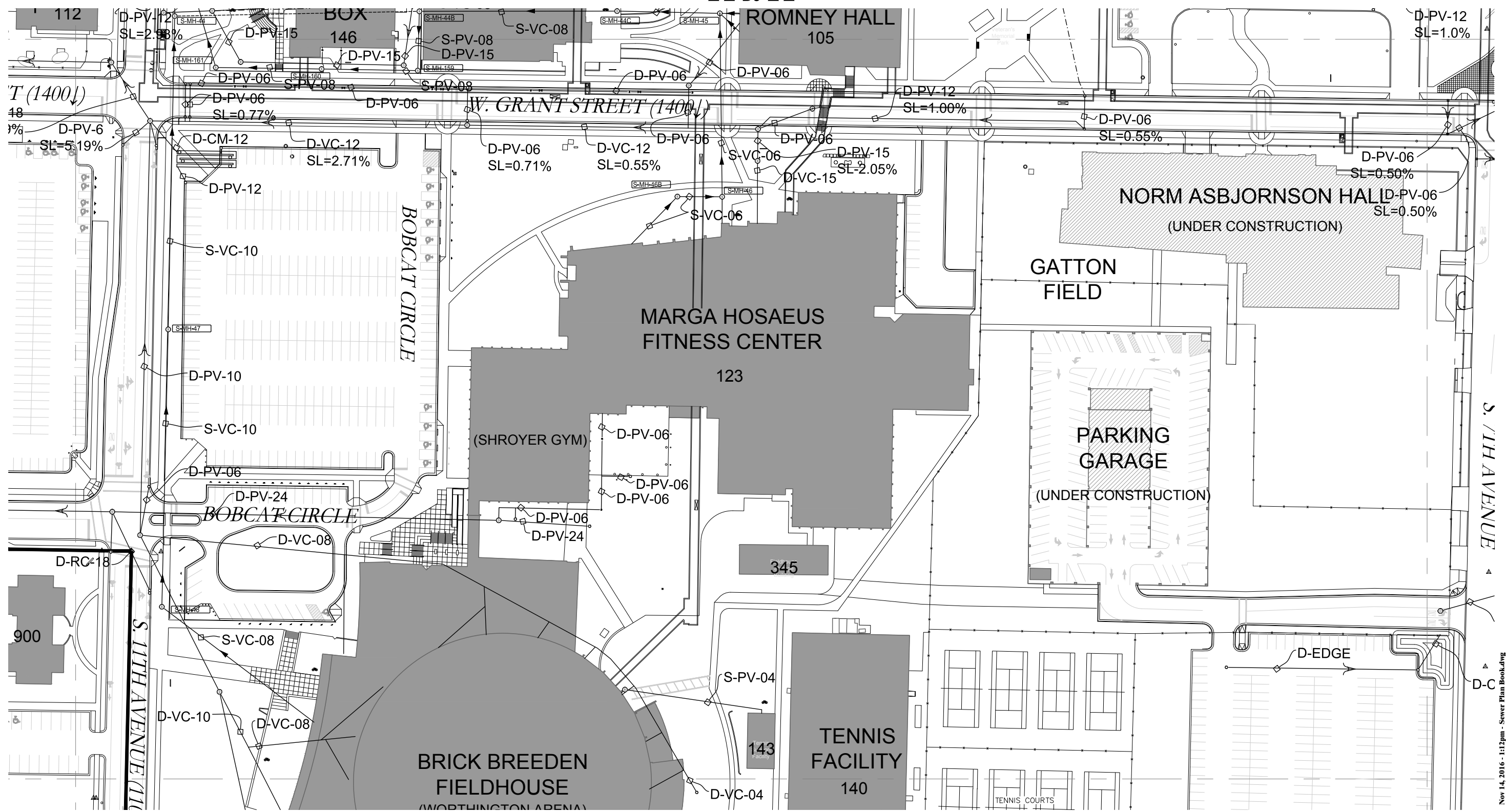
Nov 14, 2016 - 1:12pm - Lighting Plan Book.dwg JFLighting

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REVISION HISTORY		SEWER MAP	B4
DATE	BY		
09-19-05	MM		
02-15-08	MM		
03-31-09	MM		
09-23-09	MM	MONTANA STATE UNIVERSITY FACILITIES PLANNING, DESIGN & CONSTRUCTION BOZEMAN, MONTANA PHONE: 406-994-4131 FAX: 406-994-6572	
12-23-10	GG		

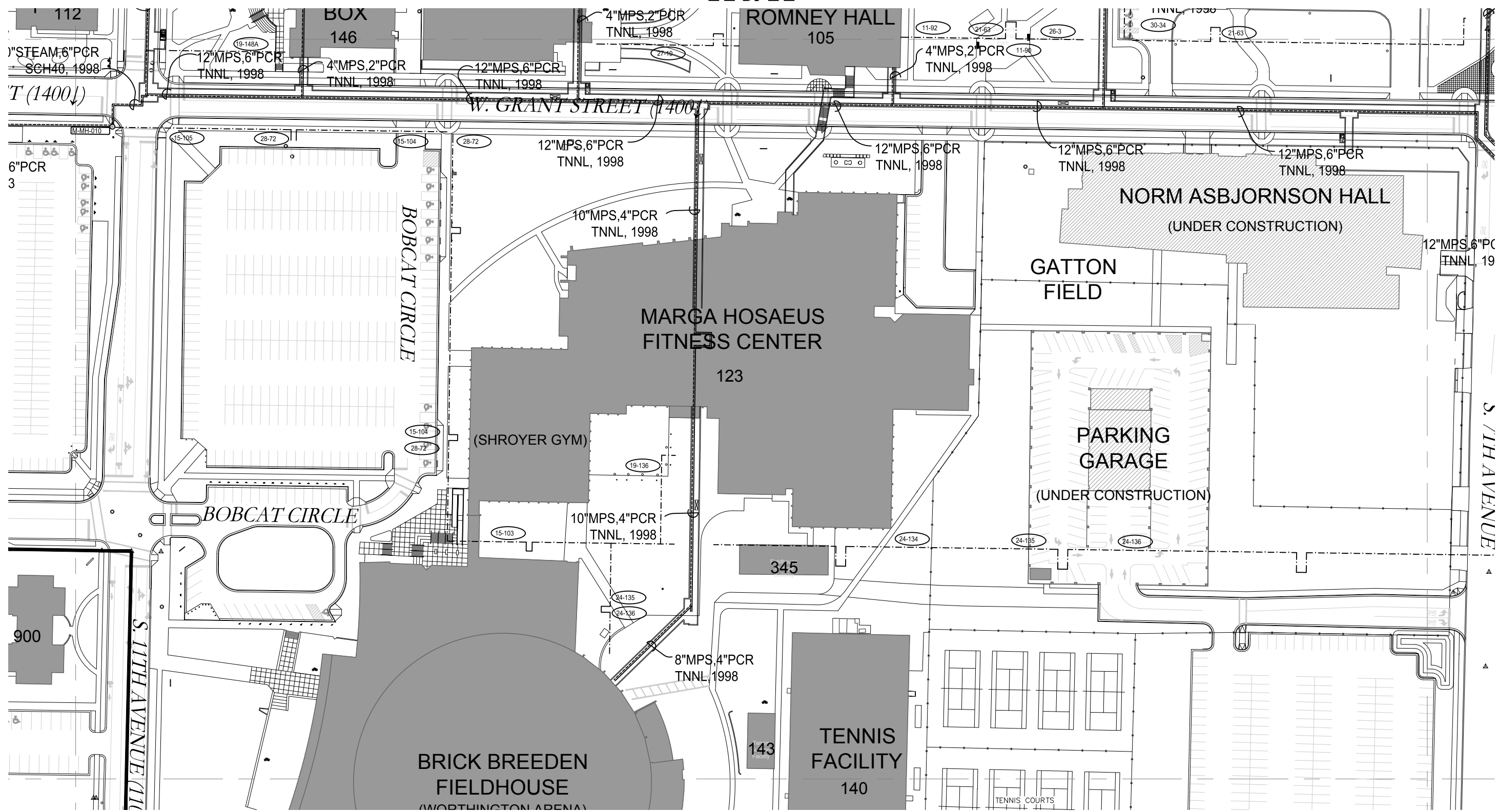
Nov 14, 2016 - 1:12pm - Sewer Plan Book.dwg
J:Sever

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SIZE MPS, SIZE PCR

MPS, ## PCR
CT, #### ← CONSTRUCTION TYPE, DATE

LEGEND

- MPS MEDIUM PRESSURE STEAM
- PCR PUMPED CONDENSATE RETURN
- ABD ABANDONED STEAM AND RETURN
- ⊙ STEAM MANHOLE M-MH-000
- ⊙ STEAM ANCHOR
- ... SMS SNOW MELT SYSTEM

BB-PPP ← BOOK#-PAGE#

CONSTRUCTION TYPE

ARCH	ARCHED BRICK TUNNEL
FIBER	NONMETALLIC W/FIBERGLASS
PERM	PERMAPIPE SYSTEM
SCH40	SCHEDULE 40 PIPE
TILE	CLAY TILE CONDUIT
TNNL	CONCRETE TUNNEL
UNKN	CONSTRUCTION UNKNOWN
WOOD	WOODEN BOX
ZCRETE	LIGHTWEIGHT CONCRETE

DATE: 11-16-00	
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02-15-06	MM
09-12-07	MM
03-28-08	MM
04-02-09	MM
12-23-10	GG

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STEAM MAP

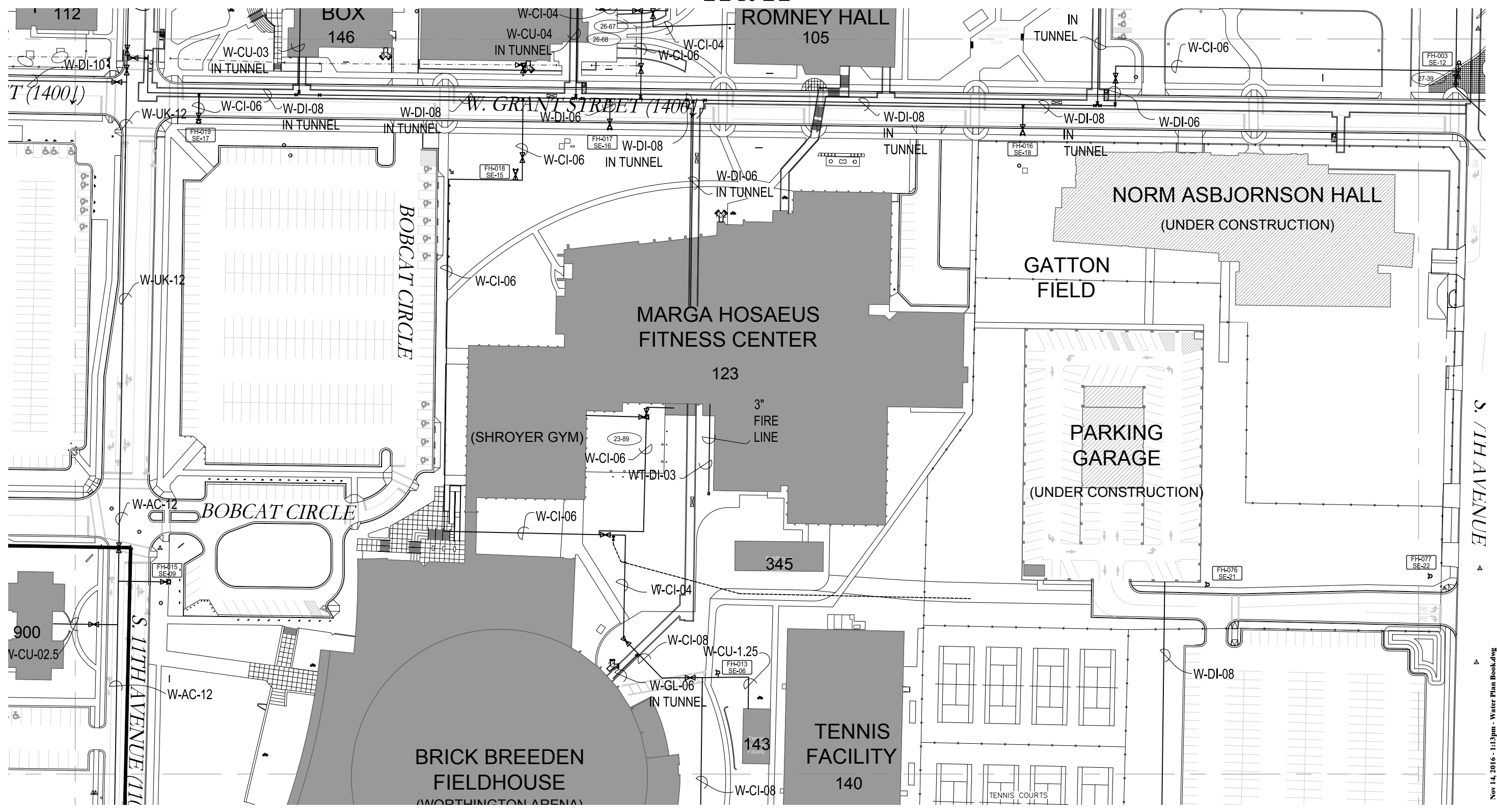
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B4

B4

Nov 14, 2016 - 1:13pm - Steam Plan Book.dwg J:Steam

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LABEL LEGEND

- WATER ——— MATERIAL TYPE
- W-MM-## ——— NOMINAL SIZE
- WATER LINE
- - - WATER LINE DEAD
- - - IRRIGATION LINE
- ▽ REDUCER
- ⊕ FIRE HYDRANT [FH-000]
- ⊙ WATER MANHOLE [W-MH-000]
- ⊗ WATER VALVE
- ⊗ IRRIGATION VALVE
- ⊗ TUNNEL VALVE
- ⊙ BLOW OUT VALVE
- ⊙ WELL
- WATERER

- ⊕ FIRE DEPARTMENT CONNECTION
- BOOK#-PAGE#
- ⊙ [BB-PPP]
- CI = CAST IRON
- DI = DUCTILE IRON
- PV = POLY VINYL CHLORIDE

- MATERIAL TYPES**
- AC = ASBESTOS CEMENT
 - GL = GALVANIZED
 - UK = UNKNOWN
 - CU = COPPER
 - CC = CLEAR CORE

DATE: 11-16-00	
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DATE	BY
06-02-08	MM
03-31-09	MM
09-23-09	MM
10-15-10	GG
02-14-13	GG

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WATER MAP

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B4

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J:Water