WATER CURB STOP VALVE & BOX 2 AUXILLARY AIR CONNECTION DETAIL
N.T.S.

SITE UTILITY PLAN NOTES:

TELEPHONE PEDESTAL

POLE-MTD LIGHT FIXTURE

PHOTOCELL ON / TIMECLOCK OFF

ELECTRIC METER

 \Box

 $\Theta\square$

pc/tc

- DISCONNECT, EXIST 2" WATER SERVICE AT BLDG AS SHOWN. PROTECT FOR CONTINUATION WITH NEW PLAN.
- 2 DISCONNECT AND REMOVE SANITARY LINE FROM EXISTING TOILET FACILITY TO MANHOLE. PROTECT OPENING AT MANHOLE FOR CONTINUATION WITH NEW PLAN.

ESTHER BEACH PARK 2802 WAUNONA WAY MADISON, WI 53713

ISSUANCE:	S:
BD	7.15.201

PROJECT: NUMBER: 7.15.2016 DATE:

SHEET:

REV:

HVAC GENERAL NOTES:

- HVAC CONTRACTOR IS RESPONSIBLE FOR COORDINATION OF HVAC WORK WITH OTHER TRADES.
- 2. COORDINATE PROVISIONS FOR OPENINGS IN NEW CONSTRUCTION WITH THE GENERAL CONTRACTOR FOR APPROVAL PRIOR TO STARTING WORK.
- 3. HVAC CONTRACTOR IS RESPONSIBLE FOR CUTTING AND PATCHING WALLS, FLOORS & CEILINGS FOR NEW HVAC WORK, IF REQUIRED.
- 4. COORDINATE FINAL CEILING REGISTER AND GRILLE LOCATIONS WITH OTHER
- 5. COORDINATE PIPING AND DUCTWORK ROUTING WITH OTHER TRADES TO MAINTAIN SCHEDULED CEILIG HEIGHTS.
- 6. PROVIDE PROPER SERVICE CLEARANCES AND ACCESS SPACE FOR ALL NEW
- 7. PROVIDE ACCESS PANELS TO SERVICE EQUIPMENT, WHERE REQUIRED.

HVAC PLAN NOTES:

- COORDINATE RECESS OPENINGS IN BLOCK WALLS FOR ELECTRIC WALL HEATERS WITH GENERAL CONTRACTOR & MASONRY CONTRACTOR.
- DROP DUCT 5" AWAY FROM WALL TO ALLOW CLEARANCE FOR PLUMBING
- COORDINATE DUCT OPENING IN BLOCK WALLS WITH GENERAL CONTRACTOR & MASONRY CONTRACTOR.
- MAINTAIN 3'-0" CLEARANCE FROM LIVE PART OF PANEL

EXHAUST SCHEDU		<u> </u>
TAG	EF-1	E1
MANUFACTURER	GREENHECK	E2
MODEL NO.	SQ-100-VG	T1
AREA SERVED	TOILETS & MECH	
CFM	500	(1) (2) (3)
ESP *WG	1/2"	
RPM	1034	╽┌╴
MOUNTING	SPRING VIB. HANGERS	
DRIVE	DIRECT	<u> </u>
SONES (INLET/RADIATED)	6.3/3.0	╽┝
ELECTRICAL:		
MOTOR HP (BHP)	1/4 (0.13)] EI
FAN F.L.A.	3.7	▎┝
VOLTAGE/PHASE	115/1	
CONTROL	OCCUPIED BLDG MODE	1

NOTE: ALL EF LINE VOLTAGE CONTROLS
WIRED BY E.C.

INLINE EF

- ① INTERLOCK EF-1 WITH LCP BUILDING OCCUPIED MODE SCHEDULE.
- ② ECM MOTOR WITH UNIT-MOUNTED POTENTIOMETER FOR BALANCING.③ SPRING/NEOPRENE VIBRATION

REMARKS:

- ISOLATION HANGERS.

 (4) MOTORIZED (115V) OPPOSED BLADE,
- LOW-LEAKAGE DAMPER.

 (5) DIRECT-COUPLED EXTERNAL
- ACTUATOR (BELIMO).

 6 NEMA 1 DISCONNECT SWITCH
- UNIT-MOUNTED.

 This insulated housing.

D	IFFU	SERS,	REGIS	TERS	AND	GRILI	LES	SCH	EDL	JL	E
TAG	MFGR	MODEL	SIZ NECK (W×H)	<u>ZE</u> <u>FACE (L)</u>	MOUNTING	SERVICE	<u>CFM</u>	REMARK	<u>S</u>		
E1	KEES	GHD40	8"×6"	_	SURFACE/WALL	EXHAUST	100	123	HD ER	40	deg l
E2	KEES	GHD40	14"x8"	-	SURFACE/WALL	EXHAUST	200	123	HD ER	40	deg l
T1	KEES	GHD40	36"x8"	_	SURFACE/CLG	TRANSFER	ı	13	HD TG	40	deg E
<u> </u>	WHITE FINIS	LADE DAMPER	·.			HD =	EXHAUST HEAVY DI TRANSFER		2		

		E	LECTF	RIC HEAT	SC	HED	ULE		
TAG	<u>MFGR</u>	MFGR MODEL NO.		<u>SIZE</u> <u>HTxWxDEPTH</u>	WATTS	<u>CAP.</u> BTU/HR	ELECTRI VOLTS/PHASE	CAL AMPS	REMARKS
EH-1	Q-MARK	AWH-4404	RECESSED WALL HTR	SSED		6,825	240/1	8.3	12
EH-2	Q-MARK	AWH-4404	RECESSED WALL HTR	18¼""×15¾"×3%"	4000	13,650	240/1	16.7	123
EH-3	Q-MARK	AWH-4404	SURFACE WALL HTR	18¼""x15¾"x37⁄8"	2000	6,825	240/1	8.3	124

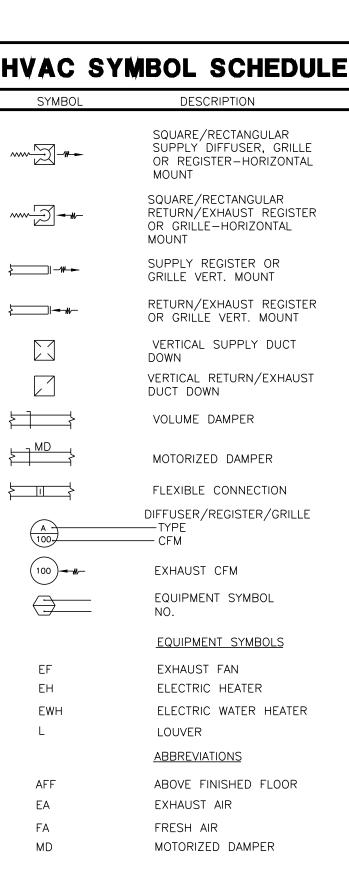
INTEGRAL TAMPER PROOF THERMOSTAT.
 BUILT-IN DISCONNECT SWITCH.
 LFKSFC: 14 GA SECURITY FRONT COVER.
 AWHSM: SURFACE MOUNTING FRAME.

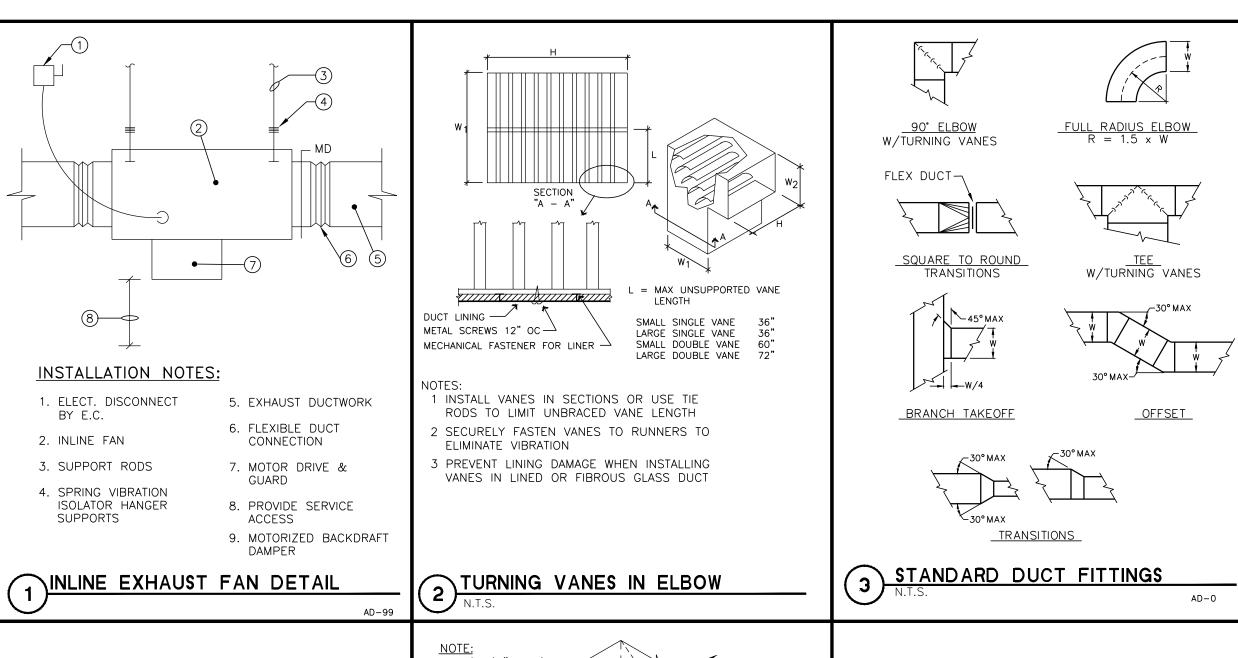
LOUVER SCHEDULE										
<u>TAG</u>	MANUFACTURER	<u>MODEL</u>	<u>TYPE</u>	METAL	LOUVER <u>DEPTH x W x HT</u>	FREE AREA S.F.	<u>SERVICE</u>	<u>REMARKS</u>		
L-1	VENT PRODUCTS	2600-31-34	STAT.	EXT. ALUM.	2" x 36" x 8"	0.67	TRANSFER AIR	②③ FLANGED FRAME ④ W/SUB-FRAME		
L-2	VENT PRODUCTS	2600-31-34	STAT.	EXT. ALUM.	2" × 36" × 8"	0.67	EXHAUST AIR	①③ FLANGED FRAME ④ W/SUB-FRAME		

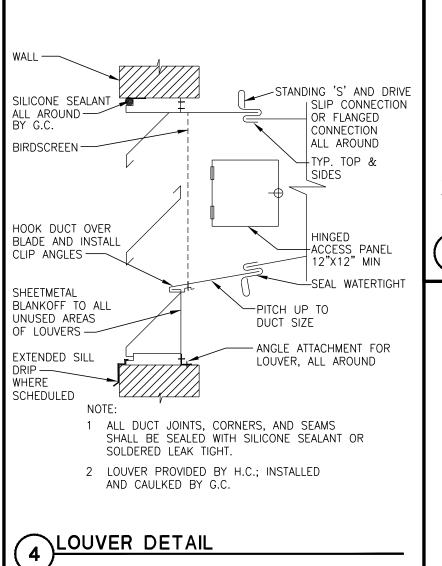
BIRD SCREEN - ALUM.
 18x16 MESH ALUM INSECT SCREEN.
 ALUM SUB-FRAME (BUCK FRAME).

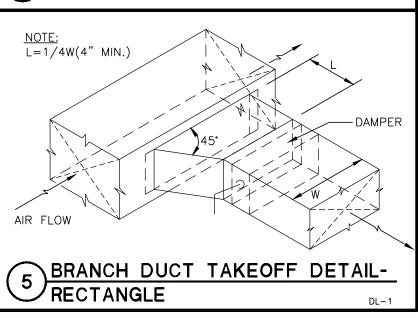
ALOM SUB-FRAME (BUCK FRAME).
 POWDER COAT BAKED ENAMEL FINISH; FINAL COLOR SELECTION BY ARCHITECT.

EDULE	HVAC S
<u> </u>	SYMBOL
HD ER 40 deg BL HD ER 40 deg BL HD TG 40 deg BL	~~~ \
	~~ ~
	├
REMARKS	
12	
7 123	
124	MD
	
	A 100
	(100) - M
ARKS_	
) FLANGED FRAME W/SUB-FRAME	









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CONSTRUCTION DRAV

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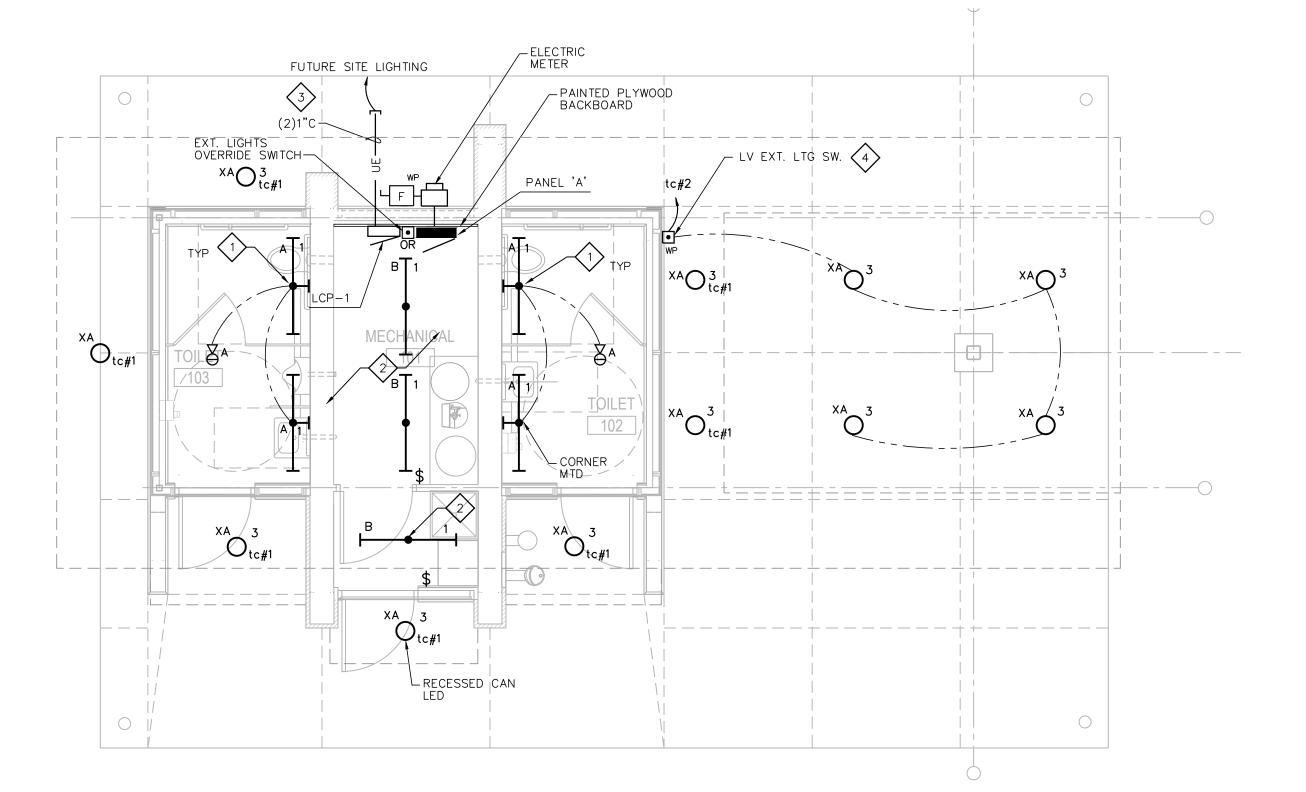
ESTHER BEACH PARK 2802 WAUNONA WAY MADISON, WI 53713

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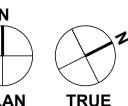
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NUMBER:	-	
DATE:	7.′	15.2016

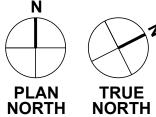
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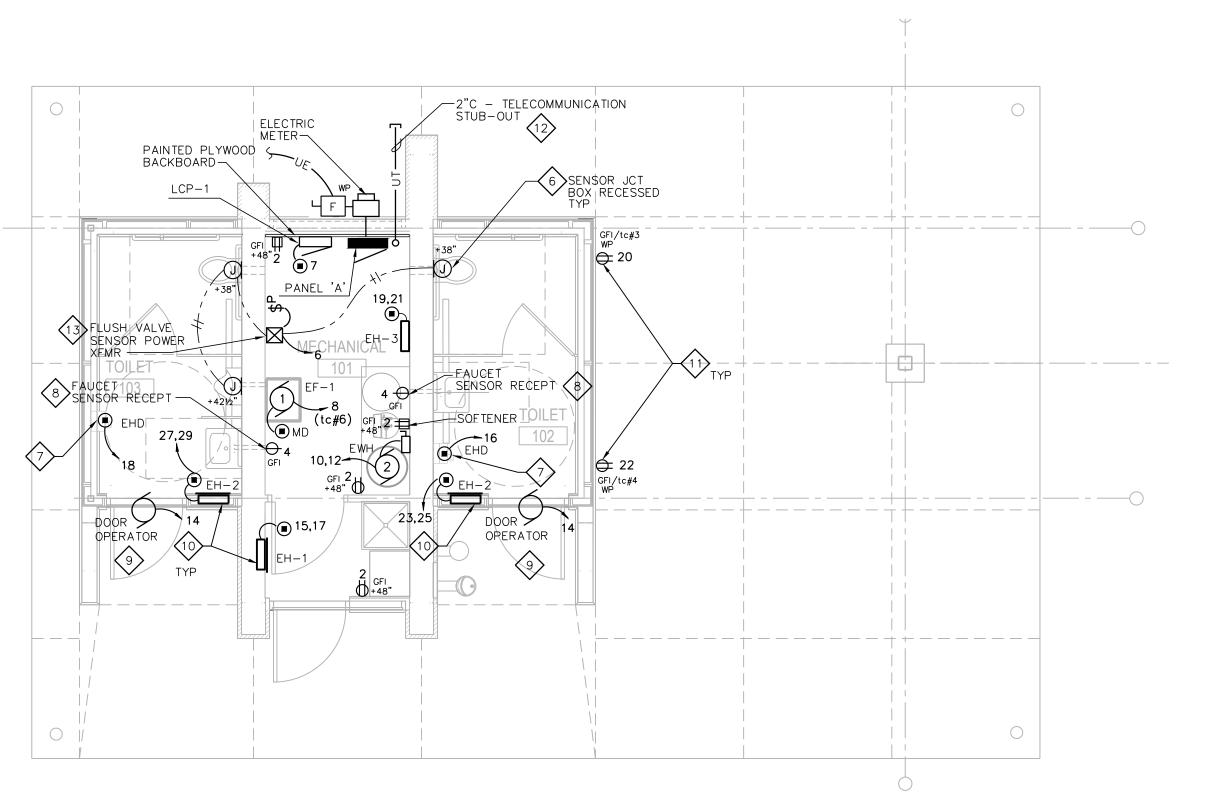
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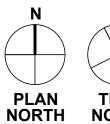
FLOOR PLAN - ELECTRICAL LIGHTING







FLOOR PLAN - ELECTRICAL POWER/LV





ELECTRICAL GENERAL NOTES:

- 1. COORDINATE LIGHTING & DEVICE LAYOUT WITH GENERAL CONTRACTOR.
- 2. COORDINATE ELECTRICAL RACEWAYS ROUTING WITH GENERAL
- 3. ALL RACEWAYS ARE TO BE CONCEALED IN FINISHED AREAS.

- 6. ALL LIGHTS CIRCUITED TO PANEL 'A' UNLESS INDICATED OTHERWISE.

ELECTRICAL POWER/LV PLAN NOTES:

- 1) CORNER-MTD LIGHT FIXTURE.
- 3 STUB OUT 1" (PVC) RACEWAYS 24" BELOW GRADE AND CAP FOR FUTURE SITE LIGHTING.
- 4 LV LIGHTING CONTROL STA. (WP). REFER TO LCP RISER.
- 5 COORDINATE POWER TO LOW-VOLTAGE TRANSFORMER FOR FLUSH VALVES BY PLUMBING TRADE. PROVIDE MASTER PILOT LIGHT SWITCH FOR POWER TO FLUSH VALVES AND LABEL. ROUTE ALL LV CABLING IN RACEWAY.
- PROVIDE 4"x4"x2%" RECESSED BOX WITH PLASTER RING FOR SENSOR MOUNTING HEIGHT TO CENTER OF BOX. COORDINATE INSTALLATION WITH PLUMBING TRADE. COORDINATE FINAL MOUNTING HEIGHT LOCATION WITH GENERAL CONTRACTOR.
- 7 PROVIDE 4"x4"x2%" RECESSED BOX WITH PLASTER RING FOR ELECTRIC HAND DRYER CONNECTION. PROVIDE POWER CONNECTION TO HAND DRYERS. COORDINATE FINAL MOUNTING HEIGHT LOCATION WITH GENERAL
- 8 COORDINATE FINAL RECEPTACLE LOCATION WITH PLUMBING TRADE FOR FAUCET SENSOR POWER.
- 9 COORDINATE POWER AND CONTROL WIRING AND RACEWAY REQUIREMENTS FOR DOOR OPERATORS WITH GENERAL CONTRACTOR.
- STUB OUT 2"(PVC) RACEWAY 24" BELOW GRADE AND CAPPED FOR FUTURE COMMUNICATIONS CABLING.

- CONTRACTOR AND OTHER TRADES FOR PROPER EQUIPMENT ACCESS.
- MECHANICAL & UTILITY AREAS MAY USE SURFACE CONDUIT SYSTEMS.
- 4. ELECTRICAL CONTRACTOR IS RESPONSIBLE FOR FIELD VERIFYING ALL CONSTRUCTION CONDITIONS.
- 5. COORDINATE AND SCHEDULE ALL WORK WITH THE GENERAL CONTRACTOR AND LOW-VOLTAGE CABLING PRIOR TO STARTING.

- 2 COORDINATE LIGHT FIXTURE MOUNTING LOCATION WITH DUCTWORK, PIPING & OTHER TRADES.

- COORDINATE POWER WIRING AND RACEWAY REQUIREMENTS FOR ELECTRIC HEATERS WITH HVAC CONTRACTOR.
- EXTERIOR RECEPTACLES POWER CONTROLLED BY LCP TIMECLOCK. REFER TO LCP RISER.
- EXTEND LOW-VOLTAGE CABLING FROM TRANSFORMER (BY P.C.) TO FLUSH VALVE SENSORS. ROUTE CABLING IN CONDUIT OR RACEWAYS.

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ESTHER BEACH PARK 2802 WAUNONA WAY MADISON, WI 53713

ISSUANCES:

7.15.2016

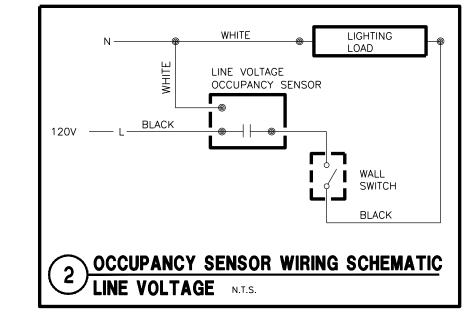
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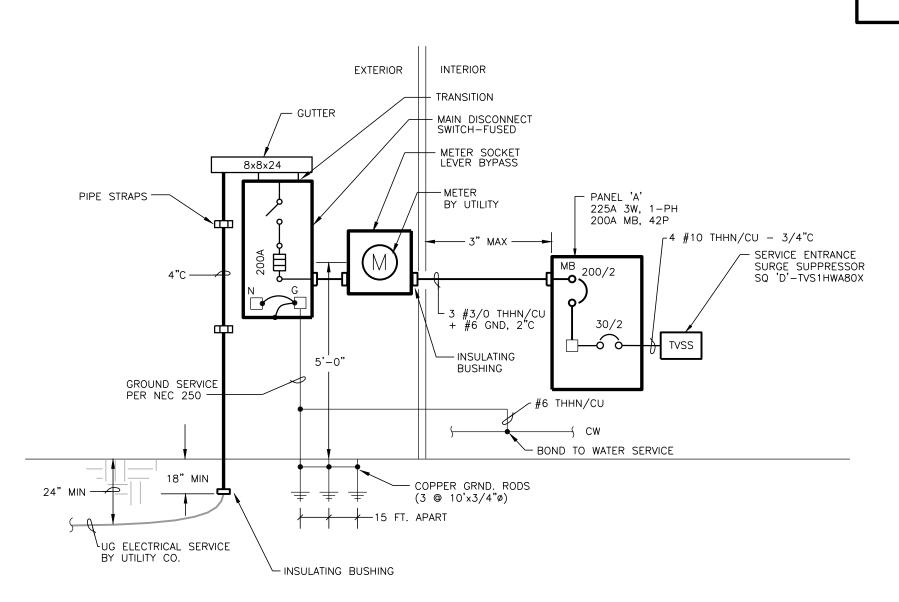
NUMBER: 7.15.2016

SHEET:

ELECT	RICAL M	OTOR/E	QUIPMEN	T SCHED	ULE
TAG	1	2	3	4	5
PANEL					
NO.	А	Α	Α	А	А
CIRCUIT	8	10,12	15,17	SEE PLAN	19,21
BREAKER	15	30	15	25	15
POLE	1	2	2	2	2
WIRING NO.	2+G (#12)	2+G (#10)	2+G (#12)	2+G (#10)	2+G (#12)
TYPE	THHN	THHN	THHN	THHN	THHN
SIZE	#12	#10	#12	#10	#12
COND.	1/2"	1/2"	1/2"	1/2"	1/2"
ELECTRICAL HP	1/4	(4.5)	(2.0)	(4.0)	(2.0)
VOLT	115	240	240	240	240
PHASE	1	1	1	1	1
FLA (MCA)	3.7 (4.6)	18.8 (23.4)	8.3 (10.4)	16.7 (20.9)	8.3 (10.4)
STARTER TYPE	N.R.	w/UNIT	w/UNIT	w/UNIT	w/UNIT
SIZE	_	_	_	_	_
BY	_	P.C.	H.C.	H.C.	H.C.
CONTROL TYPE	LCP	AQUASTAT w/UNIT	STAT	STAT	STAT
BY	E.C.	P.C.	H.C.	H.C.	H.C.
DISCONNECT TYPE	w/UNIT	NEMA 1 H.D.	w/UNIT	w/UNIT	w/UNIT
SIZE	_	30	_	-	-
FUSE	_	_	_	_	-
BY	H.C.	E.C.	H.C.	H.C.	H.C.
REMARKS	EXHAUST FAN EF-1	ELECTRIC WTR. HTR. EWH	ELECTRIC HEATER EH-1	ELECTRIC HEATER EH-2	ELECTRIC HEATER EH-3

- E.C. = ELECTRICAL CONTRACTOR H.C. = HVAC CONTRACTOR
- N.R.=NOT REQUIRED H.D.=HEAVY DUTY
- P.C. = PLUMBING CONTRACTORG.C.=GENERAL CONTRACTOR
- 1 PROVIDE GREEN WIRE GROUND TO ALL MOTORS AND EQUIPMENT PER NEC 250-95.





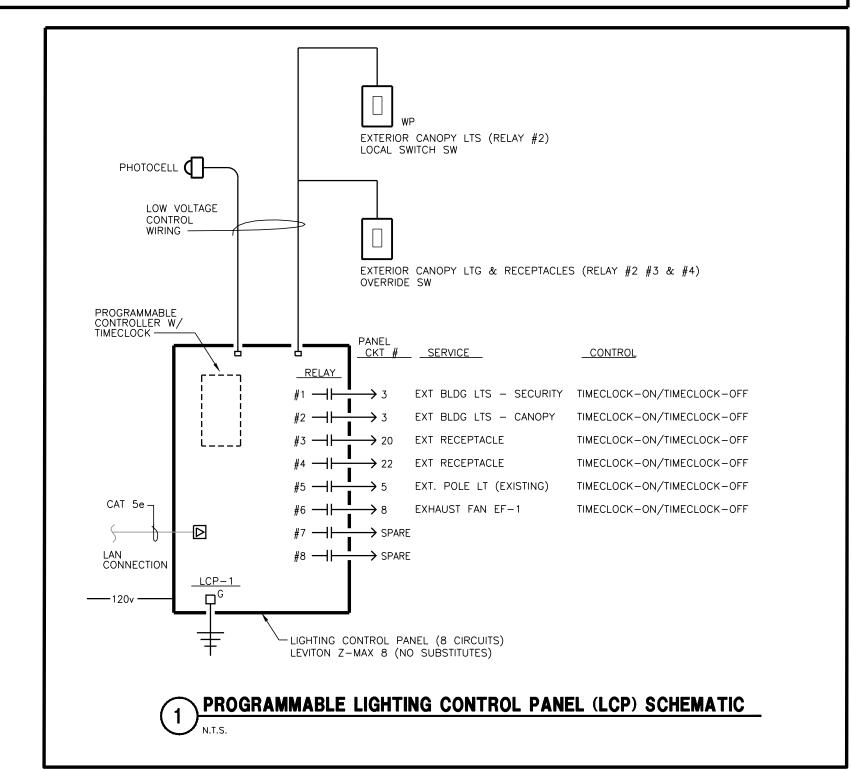
ELECTRICAL SERVICE RISER - MG&E NTS 200 AMP 1-PHASE/3-WIRE 120/240 VOLT

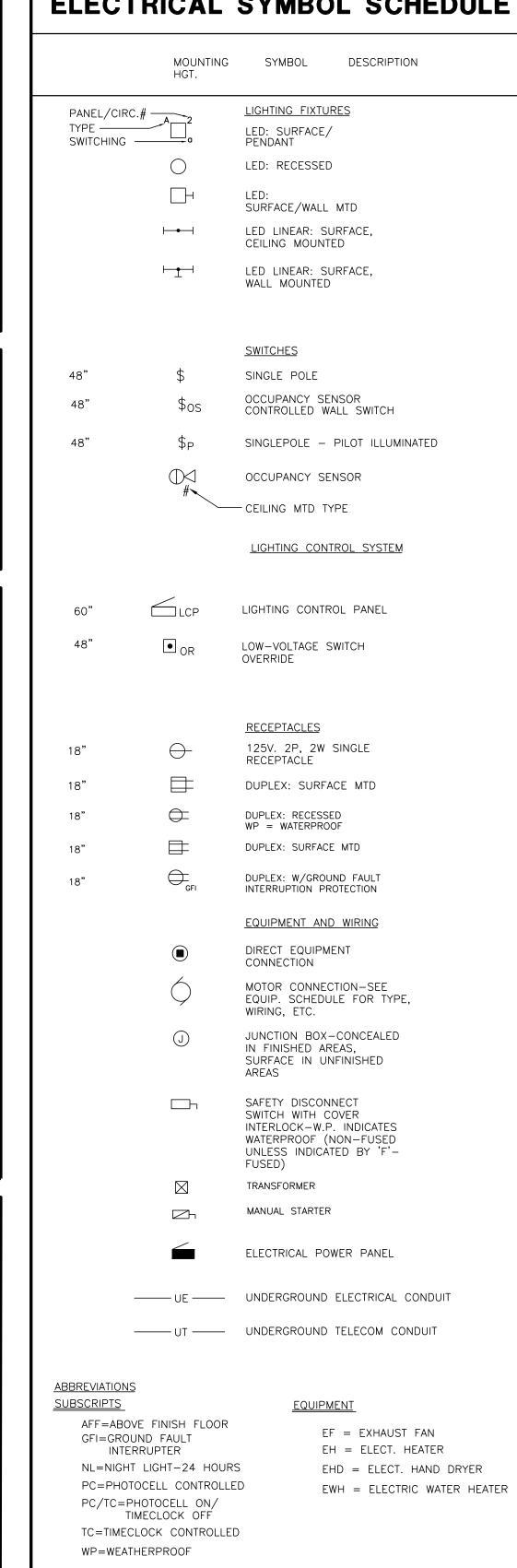
TAG			LAM	PS	MOUNTING	MFGR. & MODEL	RE	EMARKS_
	<u>NO</u> .	<u>TYPE</u>	<u>WATTS</u>	DESCRIPTION			_	
Α	_	LED	45	W/FIXTURE	SURFACE/ CORNER MTD	KENALL - MLHA5-48-R-MW- PP-1-45L40K-DCC-1-120-CMB	(1)(2)	4 FT CORNER MTD SURFACE WRAP
В	_	LED	42	W/FIXTURE	SURFACE PENDANT/CLG	LITHONIA - ZL2N-L48-3000LM- MDD-MVOLT-40K-80CRI-WH + HC3	(1)(4)	4 FT SURFACE PENDANT CHAIN HUNG STRIP
XA	ı	LED	26	W/FIXTURE	RECESSED/ SOFFIT	KENALL - HRDL6L-26L40K-DV-SCC-FW-CSS-	(1)(3)	EXT. RECESSED 6"Ø CAI W/POLYCARBONITE LENS
	AMP	ABBREV	ATIONS:					
		ABBREVI						
LE		IGHT EM						
Ll R	ED=L EMAF	IGHT EM	MITTING	DIODE				
	ED=L EMAR	IGHT EM RKS: LED LAM	MITTING	DIODE				
R	ED=L <u>EMAF</u> 1) 2	.IGHT EM RKS: LED LAM CORNER	MITTING MIPING/D MTG B	DIODE RIVER.				

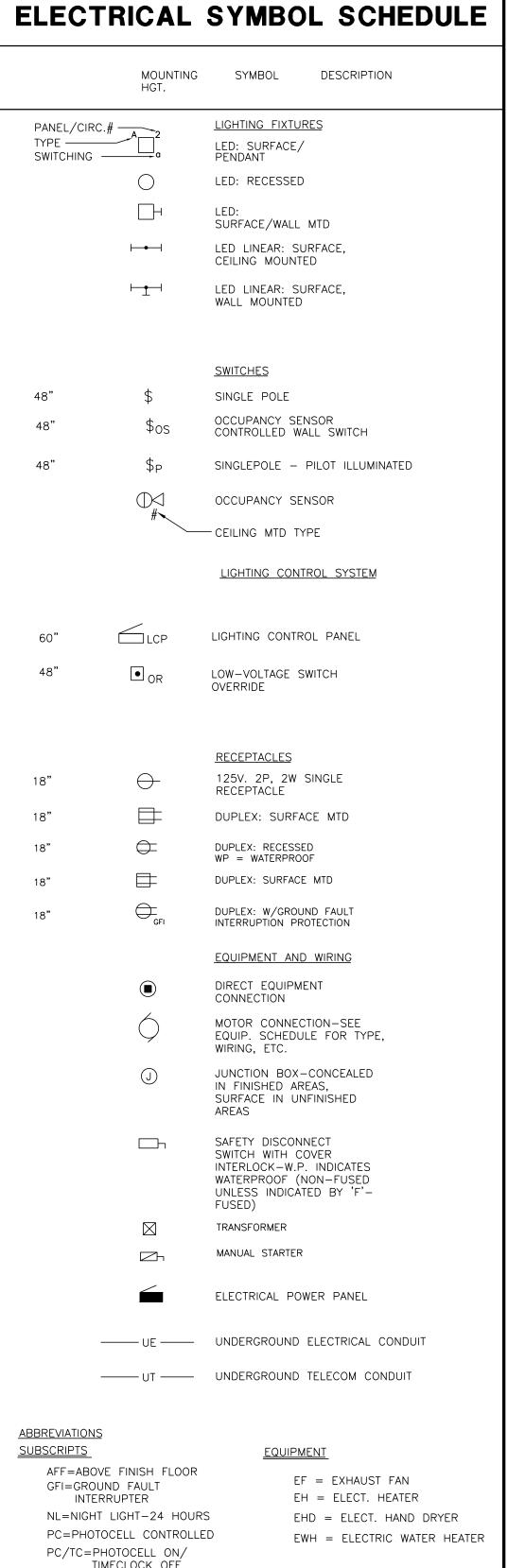
		0	CCUPAN	CY	SENSO	R SCHEDULI	E
SYMBOL	MOUNTING	VOLTAGE	RATED CURRENT /LOAD	TYPE	SENSOR COVERAGE	MFGR. & MODEL	REMARKS
₽ _A	SURFACE/ CLG	120 VAC	800 Watt	DT	360° 24'x24'	SENSOR SWITCH RMR-PDT-9	RECESSED CLG MTD DT
\$ _{OS}	WALL SWITCH	120 VAC	800 Watt	DT	160° 20'	SENSOR SWITCH WSD-PDT	(1) WALL SWITCH DT
U=ULTR DT=DUA	SSIVE INFRAREI ASONIC L TECHNOLOGY	′ (PIR+U)	LOR WITH ARCHITECT	-			

PANEL 'A' AIC=22K W/SERVICE GRND

BRŁ	(R	DESCRIPTION	CIRCL	JIT	PHASE	LOADS	CIF	RCUIT	DESCRIPTION	BRI	⟨R
Α	Р]	WATT	NO.	Α	В	NO.	WATT		Α	F
20	1	INTERIOR LTS	310	1	850		2	540	RECEPT MECH 101	20	1
20	1	EXTERIOR BLDG LTS	340	3		640	4	300	RECEPT FLUSH VALVES-LAV	15	1
20	1	EXTERIOR POLE LTS	500	5	800		6	300	XFMR - FLUSH VALVES	15	1
20	1	LCP	300	7		730	8	430	EXHAUST FAN EF-1	15	1
				9	2250		10	2250	EWH-ELECT. WTR HTR	30	2
				11		2250	12	2250	EWH-ELECT. WTR HTR	_	-
				13	600		14	600	DOOR OPERATORS	20	1
15	2	EH-1 MECH 101	1000	15		2500	16	1500	EHD-TOILET 102	20	_ 1
_	_	EH-1 MECH 101	1000	17	2500		18	1500	EHD-TOILET 103	20	1
15	2	EH-3 MECH 101	1000	19		2500	20	1500	RECEPT-SHELTER	20	1
	_	EH-3 MECH 101	1000	21	2500		22	1500	RECEPT-SHELTER	20	1
25	2	EH-2 MECH 101	2000	23		2000	24				
_	_	EH-2 MECH 101	2000	25	2000		26				
25	2	EH-2 TOILET 103	2000	27		2000	28				
_	_	EH-2 TOILET 103	2000	29	2000		30				
				31			32				
				33			34				
				35			36				
				37			38				
				39			40		SPD	30	2
				41			42	_	SPD	_	
	EST	IMATED			13,500	12,620		TOTA	AL CONNECTED		







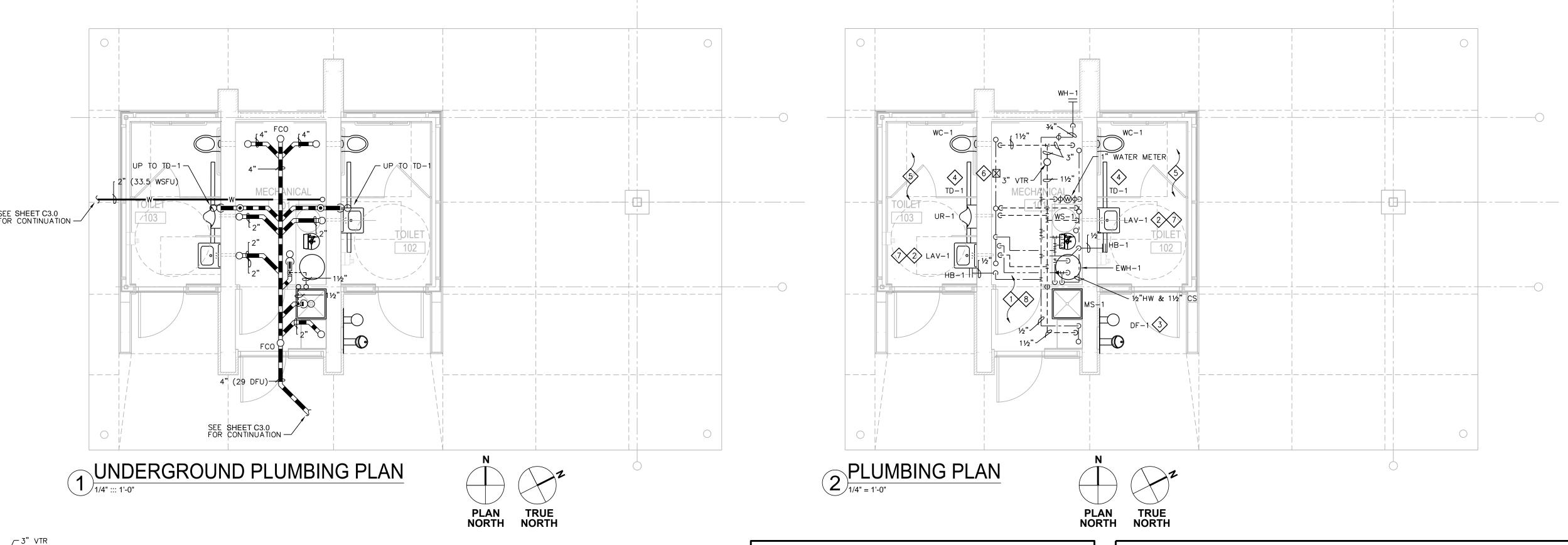


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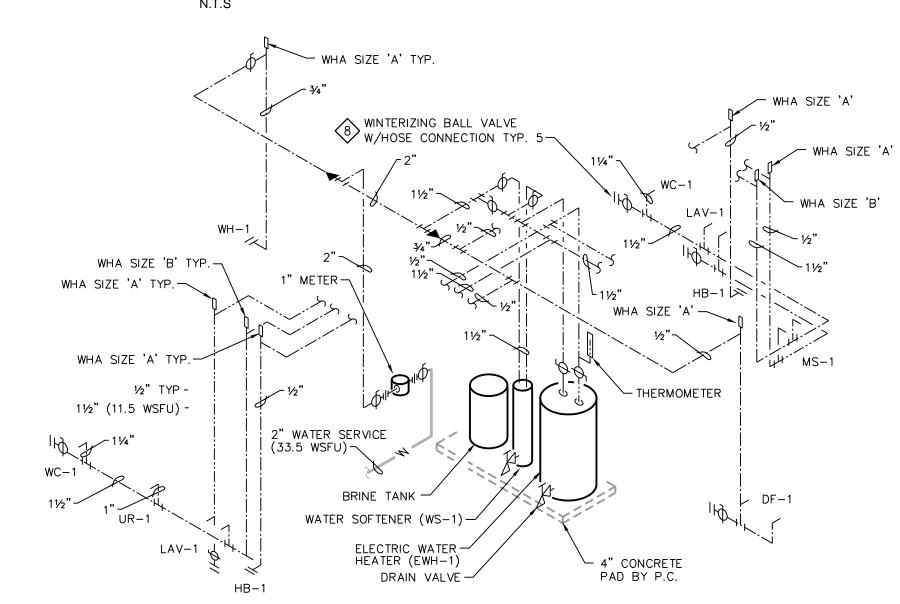
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3" MAIN VENT 11/2" 4" (35 DFU)

WASTE & VENT RISER



PLUMBING GENERAL NOTES:

- PLUMBING CONTRACTOR IS RESPONSIBLE FOR FIELD VERIFYING ALL EXISTING CONDITIONS.
- 2. COORDINATE PHASING OF WORK WITH GENERAL
- 3. ALL PLUMBING SHALL BE CONCEALED IN MECHANICAL ROOM.

PLUMBING PLAN NOTES:

- COORDINATE ROUTING OF PIPING IN MECH ROOM WITH OTHER TRADES FOR PROPER SERVICE CLEARANCES.
- COORDINATE INSTALLATION OF LAV WALL CARRIER SUPPORTS WITH GENERAL CONTRACTOR & MASONRY TRADE.
- COORDINATE INSTALLATION OF DF WALL CARRIER SUPPORTS WITH GENERAL CONTRACTOR & MASONRY TRADE.
- COORDINATE FINAL LOCATIONS OF TRENCH DRAINS WITH FLOOR SLOPE BY GENERAL CONTRACTOR.

 5 COORDINATE PLACEMENT OF RECESSED/FLUSH

SENSOR BOX (4x4) AT EACH FIXTURE WITH

- GENERAL CONTRACTOR & MASONRY TRADE.

 6 COORDINATE SENSOR TRANSFORMER PLACEMENT WITH ELECTRICAL TRADE FOR LINE VOLTAGE POWER. LOW-VOLTAGE POWER BY PLUMBING TRADE IN CONDUIT (EXPOSED) PER DIVISION 16.
- MOUNT CONTROL MODULE & TRANSFORMER IN MECHANICAL 101. CABLE CONTROLS THROUGH WALL GROMMET. PROVIDE ADDITIONAL CABLE LENGTHS AS REQUIRED. COORDINATE WORK WITH
- 8 SLOPE ALL WATER PIPING TO LOW POINTS WITH DRAIN VALVE FOR WINTERIZING.

WATER SERVICE SIZING (POTABLE):

1) <u>42</u> DEMAND OF BUILDING IN G.P.M.
2) <u>77 PS</u>I LOW PRESSURE AT MAIN IN STREET

3) 6 FT DIFFERENCE IN ELEVATION. MAIN TO METER.

4) 1 IN SIZE OF WATER METER.

5) 150 FT DEVELOPED LENGTH FROM MAIN TO METER.

AVAILABLE PRESSURE AFTER THE WATER METER:

1) 1.4 PSI PRESSURE LOSS DUE TO FRICTION LOSS IN 2" WATER SERVICE.

2) 1.0 PSI PRESSURE LOSS DUE TO ELEVATION, MAIN TO METER,

3) 12.0 PSI PRESSURE LOSS DUE TO METER.

4) <u>63.7 PSI AVAILABLE PRESSURE AFTER THE WATER METER.</u>
HOT WATER DISTRIBUTION SIZING:

PERMISSABLE UNIFORM PRESSURE LOSS FOR FRICTION (A); (P.S.I./100' OF PIPE)

WHERE: $A = \frac{B - (C + D + E)}{F} \times 100$

A. 132.6 PERMISSIBLE PRESSURE LOSS FOR FRICTION. (PSI/100' OF PIPE).

B. 63.7 PSI AVAILABLE PRESSURE AFTER WATER METER

C. 8 PSI PRESSURE NEEDED AT CONTROLLING FIXTURE.

D. <u>0.9 PSI</u> DIFFERENCE IN ELEVATION BETWEEN WATER METER AND CONTROLLING FIXTURE IN FEET <u>2 FT</u> x .434 PSI/FT.

E. 15 PSI PRESSURE LOSS DUE TO WATER HEATER, WATER TREATMENT DEVICES AND BACKFLOW PREVENTERS.

F. <u>30 FT</u> DEVELOPED LENGTH FROM WATER METER
TO CONTROLLING FIXTURE IN FEET <u>20</u> × 1.5.

COLD WATER DISTRIBUTION SIZING:

PERMISSABLE UNIFORM PRESSURE LOSS FOR FRICTION (A);

WHERE: $A = \frac{B - (C + D + E)}{F} \times 100$

(P.S.I./100' OF PIPE)

FM = FLUSHOMETER

A. 110.9 PERMISSIBLE PRESSURE LOSS FOR FRICTION. (PSI/100' OF PIPE).

B. <u>63.7 PSI</u> AVAILABLE PRESSURE AFTER WATER METER

C. 15 PSI PRESSURE NEEDED AT CONTROLLING FIXTURE.

D. <u>0.9 PSI</u> DIFFERENCE IN ELEVATION BETWEEN WATER METER AND CONTROLLING FIXTURE IN FEET <u>2 FT</u> x .434 PSI/FT.

E. 15 PSI PRESSURE LOSS DUE TO WATER HEATER, WATER TREATMENT DEVICES AND BACKFLOW PREVENTERS.

F. 30 FT DEVELOPED LENGTH FROM WATER METER
TO CONTROLLING FIXTURE IN FEET _20 × 1.5.

WATER PIPING SIZING CHART (COPPER TYPE 'L')														
	COLD WATER @ 19.0 PSI/100'					HOT WATER @ 19.0 PSI/100'								
PIPE SIZE	1/2"	3/4"	1"	11/4"	1½"	2"		1/2"	3/4"	1"	11⁄4"	1½"	2"	
WSFU (FT)	6.0	14.5	28.5	55.0	103	250		6.0	14.5	28.5	55.0	103	250	
WSFU (FM)	_	4.0	6.0	13.5	34.0	128		_	_	_	_	_	ı	
FT = FLUSHTANK														

PLUMBING FIXTURE SCHEDULE WC-1 WATER CLOSET FIXTURE EQUAL TO KOHLER KINGSTON K-4323, SLOAN OPTIMA 152-1.6 ES-S SENSOR OPERATED FLUSH VALVE (1.6 GPF) & BEMIS 1955-SSC OPEN FRONT SEAT. PROVIDE EL-154 (120v) TRANSFORMER & VERTICAL ADJ. WALL CARRIERS EQUAL TO SMITH 0230 SERIES. UR-1 URINAL 1-1/2" 3/4" BARDON MODEL K-4904-ER WITH SLOAN 195-1.0 ES-S SENSOR-CONTROLLED FLUSH VALVE (1.0 GPF), S.S. BEEHIVE STRAINER. PROVIDE EL-154 (102V) TRANSFORMER & VERTICAL ADJ. WALL CARRIER EQUAL TO SMITH 0630 SÉRIES. LAV-1 LAVATORY VALVE, ETF-233 (120v) PLUG-IN TRANSFORMER, MOUNT CONTROL MODULE & TRANSFORMER IN MECH 101 W/GROMMET OPENING IN WALL, PROWRAP 2000 INSULATION GUARDS, CONCEALED ARM CARRIER EQUAL TO SMITH 0700 SERIES & KOHLER 8998 P-TRAP WITH CLEANOUT. ADA COMPLIANT. FLOOR-MOUNTED MOLDED STONE EQUAL TO MUSTEE MODEL #63M WITH #63.700 HOSE & HOSE HOLDER, #65.600 MOP HANGER & #67.2424 WALLGUARDS, MS-1 MOP SINK 3" | 1-1/2" | 1/2" CHICAGO 897 FAUCET WITH HOSE CONN. VB (WATTS 8A-ASSE 1011). HB-1 HOSE BIBB KEY-OPERATED, AUTOMATIC DRAINING WITH ANTI-SIPHON VB & FLUSH TAMPER-PROOF BOX W/HINGED COVER. EQUAL TO WOODFORD MODEL B65. 3/4" KEY-OPERATED, FREEZELESS, AUTOMATIC DRAINING WITH ANTI-SIPHON VB & WH-1 WALL HYDRANT --FLUSH TAMPER-PROOF BOX W/HINGED COVER. EQUAL TO WOODFORD MODEL B65-PB. (ASSE 1011) EXTERIOR, WALL-MOUNTED, DRINKING FOUNTAIN WITH BOTTLE FILLER STATION. COLOR, FINISH SELECTED BY ARCHITECT. STERN-WILLIAMS MODEL 7315. DF-1 | EXTERIOR DRINKING | 1-1/4" | 1-1/2" | 1/2" FOUNTAIN, ADA FD-1 FLOOR DRAIN POLISHED BRONZE ADJ. ROUNDTOP W/PROSET TRAP GUARD EQUAL 1-1/2" TO SMITH MODEL 2005Y-A-PB (NO HUB), 2010C-A-PB (CAULKED OUTLET). HDPE 2-1/2" WIDE x 72" LONG LINEAR TRENCH DRAIN WITH BOTTOM OUTLET & STAINLESS STEEL BAR GRATE, ZURN Z880-U1.5-E1-SWG TD-1 TRENCH DRAIN EWH-1 ELECTRIC FLOOR MOUNTED ELECTRIC WATER HEATER 30 GALLON CAPACITY, 23 GPH @ 80° F RISE, EQUAL AO SMITH DEN-30, 4500 WATT, 240V SINGLE PHASE, 18.8 WATER HEATER FLA, T&P RELIEF VALVE. WS-1 WATER SOFTENER OPEN 1-1/2" \mid HELLENBRAND MODEL H151-90-BD OR APPROVED EQUAL. CAPACITY = 96,000 GRAIN, 3.0 CF RESIN, 35 GPM @ 15 PSIG MAX WPD. SOFTENER SIZE: 14"Ø x65"H BRINE TANK: 18"Ø x 40" H (300 LB. SALT CAP.). 11/2" VALVE/MANIFOLD, SITE DRAIN

PLUMBING SY	MBOL SCHEDULE	=
SYMBOL	DESCRIPTION	
	WASTE BELOW SLAB	
	COLD WATER	
	HOT WATER	
	VENT	
	PIPE UP	
—-— -	PIPE DOWN	
ICO	CLEAN OUT	

METERED DEMAND-CONTROLLED REGENERATION. PROVIDE BOTTOM DRAIN FOR

ESTHER BEACH PARK 2802 WAUNONA WAY MADISON, WI 53713

ISSUANCES:						
BD	7.15.2016					
PROJECT:						
NUMBER:	-					

7.15.2016

SHEET:

P101

WATER PIPING RISER

NT.S