

LEGEND

- 💢 = LIGHT POLE
- = POWER POLE
- □ = CATCH BASIN = YARD CATCH BASIN
- S = SANITARY MANHOLE
- ST = STORM MANHOLE
- = HYDRANT
- S = GATE VALVE & WELL ₩V = WATER VALVE
- ♥ = GAS VALVE
- ── = SIGN
- SPK.O = SPRINKLER 123 O = TREE & TAG NUMBER
- 000.00 = EXISTING ELEVATION 000.00 = PROPOSED ELEVATION
- F.G. = FINISHED GRADE F.F. = FINISHED FLOOR
- G.F.F. = FINISHED GARAGE FLOOR
- T/C = TOP CURB
- G = GUTTER
- = TREE
- ***** = PINE, SPRUCE 🗱 = BUSH, SHRUB
- → SOIL BORING PH = PHONE MANHOLE
- DE = DETROIT EDISON MANHOLE ---- X ----- X ---- = EXISTING FENCE
- ----- = EXISTING CENTERLINE ————— = PROPERTY LINE
- ---- W ------ W ----- = EXISTING WATER MAIN ---- S ----- S ---- = EXISTING STORM SEWER
- ------ SS ------ = EXISTING SANITARY SEWER --- G ---- G --- = EXISTING GAS ----- OHU ----- OHU ---- = EXISTING OVERHEAD LINES
- ---- UG-E ---- UG-E = EXISTING UNDERGROUND ELECTRIC ---- UG-PH ----- UG-PH --- = EXISTING UNDERGROUND PHONE
- ---- UG-CB----- UG-CB---- = EXISTING UNDERGROUND CABLE ____ = EXISTING UNDERGROUND LIGHTING

LEGEND

- PROPOSED SIGN = NUMBER OF PARKING STALLS

= PROPOSED CONCRETE

 $\times \frac{69.5}{}$ = Proposed grade elevation \times M 69.5 = MATCH GRADE ELEVATION

NOTES: 1. REFER TO CITY STANDARD DETAILS

= FLOW DIRECTION

- FOR ALL ROW WORK. 2. ALL SIDEWALK CROSS SLOPES SHALL NOT EXCEED 2.0%
- 3. ALL RAMP CROSS SLOPES SHALL NOT EXCEED 2% IN ANY
- DIRECTION PER ADA STANDARDS.
- 4. ALL SIGNAGE TO CONFROM TO CURRENT MMUTCD STANDARDS.
- 5. SAWCUT AT NEAREST JOINT OR 1' WHERE NEW PAVEMENT ABUTS EXISTING PAVEMENT TO OBTAIN CLEAN BUTT JOINT.

UTILITY INFORMATION, AS SHOWN, INDICATES APPROXIMATE LOCATIONS AND TYPES OF

RECORDS. NO GUARANTEE IS GIVEN OR IMPLIED AS TO THE COMPLETENESS OR ACCURACY THEREOF. PRIOR TO CONSTRUCTION, ALL LOCATIONS AND DEPTHS OF EXISTING OVERHEAD AND UNDER-GROUND UTILITIES (IN CONFLICT WITH THE CONSTRUCTION OF PROPOSED IMPROVEMENTS)

FACILITIES ONLY, AS DISCLOSED TO THIS FIRM BY THE VARIOUS UTILITY COMPANY'S

SHALL BE VERIFIED IN THE FIELD. DURING CONSTRUCTION, CONTRACTOR SHALL USE EXTREME CAUTION WHEN OPERATING NEAR OVERHEAD AND/OR BURIED UTILITIES. CALL MISS DIG. 72 HOURS

3 WORKING DAYS BEFORE YOU DIG CALL MISS DIG 1-800-482-7171

HENNESSEY ENGINEERS NOTES:

HENNESSEY ENGINEERS, INC., SHALL NOT BE RESPONSIBLE FOR MEANS, METHODS, PROCEDURES, TECHNIQUES, OR SEQUENCES OF CONSTRUCTION, NOR FOR SAFETY ON THE JOB SITE, NOR SHALL HENNESSEY ENGINEERS, INC., BE RESPONSIBLE FOR THE CONTRACTOR'S FAILURE TO CARRY OUT THE

THE CONTRACTOR SHALL IDENTIFY AND SAVE HARMLESS THE OWNER AND ENGINEER FROM ALL LIABILITIES FOR INJURY TO PERSON, OR DAMAGE TO OR LOSS OF PROPERTY, OR ANY OTHER LOSS, COST OF EXPENSE, AS A RESULT OF THE ACTIONS OF THE CONTRACTOR, HIS EMPLOYEES, AGENTS,

WORK IN ACCORDANCE WITH THE CONTRACT DOCUMENTS.

OR SUBCONTRACTORS. THE LOCATION AND ELEVATION OF EXISTING UNDERGROUND UTILITIES AS SHOWN ON THESE DRAWINGS ARE ONLY APPROXIMATE. NO GUARANTEE IS EITHER EXPRESSED OR IMPLIED AS TO THE COMPLETENESS OR ACCURACY THEREOF, THE CONTRACTOR SHALL BE EXCLUSIVELY RESPONSIBLE FOR DETERMINING THE EXACT LOCATION AND ELEVATION OF THE EXISTING UTILITIES AND PROPOSED UTILITY CROSSINGS IN THE FIELD PRIOR TO CONSTRUCTION. THE CONTRACTOR SHALL NOTIFY THE ENGINEER IF ANY CONFLICTS ARE APPARENT OR IF THE LOCATION OR DEPTH DIFFERS SIGNIFICANTLY FROM THE PLAN.

ALL FILL IN EXCESS OF TWO FEET (2') SHALL BE ENGINEERED FILL AND SHALL BE COMPACTED TO 95% MAXIMUM DENSITY UNLESS OTHERWISE DIRECTED. CONTRACTOR SHALL BE RESPONSIBLE FOR ALL DENSITY TESTING.



BENCHMARKS ARROW ON HYDRANT NORTH OF THE INTERSECTION OF WOODWARD & PARSONS ON

THE EAST SIDE OF WOODWARD (M-1). BM#2 WEST BOLT ON A TRAFFIC SIGNAL POLE AT THE SOUTHWEST PROPERTY CORNER.

ELEV: 620.12











