SITE/LAYOUT NOTES:

- 1) See architectural plans for all building dimensions. Any dimensions shown herein shall be
- considered conceptual.

shall be 4" blue paint.

- 2) All dimensions are to edge of pavement or face of curb, unless noted otherwise.
- 3) All dimensions are to face of brick or facing material, unless noted otherwise.
- 4) All parking area stripes are to be 4" white paint. Handicapped parking areas and access aisles
- 5) Provide smooth transitions from new areas to existing features as appropriate.
- 6) The edge of existing asphalt pavement shall be properly sealed with a tack coat material in all areas where new asphalt pavement is indicated to join existing pavement.
- 7) Provide chamfer ends at curbs.
- 8) Verify sign locations & sign requirements with local governing municipality.

GRADING NOTES:

- 1) Earthwork & grading shall not start until erosion control measures have been properly installed.
- 2) Occupational safety and health administration (OSHA) standards for excavations; final rule 29 cfr part 1926, subpart "p" applies to all excavations exceeding five (5) feet in depth.
- 3) Provide positive drainage that assures no ponding in all areas. After installation, contractor to test for, and correct, in any, standing water conditions are present.
- 4) All proposed spot elevations are the final pavement and grade elevations. See appropriate details and specifications to determine the subgrade elevations below finish grade elevations for construction.
- 5) All sanitary manholes in non-paved areas shall be 3" above grade.
- 6) The maximum slope to be used in non-paved areas shall be 3:1.
- 7) All A.D.A. parking spaces & access aisles shall be level with surface slopes not to exceed 2% (1:50) in any direction as which to comply with a.D.A requirements.
- 8) All sidewalks cross slopes shall not exceed 2% (1:50) unless noted otherwise. 9) Provide smooth transitions from new areas to existing features as appropriate.

UTILITY NOTES:

- 1) See architectural plans for detailed information and exact locations for utility connections into the building.
- 2) The contractor is responsible with coordinating with the utility companies for connection of the proposed utility lines for the project site.
- 3) For viewing clarity of these construction plans, the pipes or structures may not be drawn to scale.
- 4) A minimum of 18 inches of vertical separation and 10 feet of horizontal separation shall be provided between water and sanitary lines. If this separation cannot be achieved, than the sanitary sewer must be constructed of water works grade ductile iron pipe with mechanical joints and fittings.
- 5) A minimum of 18 inches of vertical separation shall be provided between storm and sanitary sewers. If the vertical separation between the storm and sanitary lines cannot be achieved, than a concrete saddle shall be used at these crossings.
- 6) When connections are to be made to existing piping and structures or where construction is in the vicinity of existing piping, the location and elevation of the existing piping and structures shall be field verified by the contractor. If any discrepancies are found, then the engineer shall be notified immediately.

SURVEY NOTES:

- 1) The utilities indicated on these construction plans and on the survey may not be a compete inventory of all existing utilities currently on or near the site. The size and location of these utilities may be approximate. The engineer shall not be held liable for any inaccurate utility information indicated, or not indicated on this survey.
- 2) Topographic information provided herein was obtained by field work performed by TERRA Site Development, Inc.
- 3) Boundary information shown hereon is from an ALTA survey performed on this site. Please see ALTA/ACSM Land Title Survey for further information.

DEMOLITION NOTES:

- 1) It shall be the responsibility of the contractor to remove any materials and/or structures not located on this survey.
- 2) It shall be the responsibility of the contractor to verify all existing utilities and their locations pertaining to their phase of work, and to verify which utilities will be removed by the utility company. Any and all utilities not removed by the utility company shall be removed by the contractor.
- 3) Utility locations shown are approximate and shall be relocated and/or capped at the Right-Of-Way line and abandoned before construction at no additional cost to the owner.
- 4) The owner gets the first right of salvage.
- 5) All demolition material not being salvage shall be properly disposed of offsite by the contractor.
- 6) The contractor shall obtain all demolition permits required by the local and state agencies.
- 7) The contractor shall maintain streets and shared drives free and clear of sediment and debris.
- 8) The contractor is responsible for the protection of all existing utility lines unless otherwise stated.
- 9) Contractor shall coordinate all temporary shut down of existing utility services with the appropriate utility department, owner, authority, etc.
- 10) Contractor shall coordinate any necessary street or drive closures required.

IE/INV	= INVERT ELEVATION
TC	= TOP OF CURB
RIM	= RIM / TOP OF C.
GUT	= GUTTER
RCP	= REINFORCED CO
HDPE	= HIGH DENSITY P
SSD	= SUB-SURFACE D
UD	= UNDERDRAIN
MH	= MANHOLE
STR	= STRUCTURE
RD&UE	= REGULATED DR/
5.415	EASEMENT
D&UE SD&UE	= DRAINAGE AND = SANITARY, DRAI
SDAUE	EASEMENT
W&UE	= WATER AND UT
SE	= SANITARY EASE
SAN	= SANITARY SEWE
HC	= HANDICAP RAN
ME	= MATCH EXISTING
STM	= STORM SEWER
MPE	= MINIMUM PAD
NP	= NORMAL POOL
ELEV	= ELEVATION
TYP	= TYPICAL
PR	= PROPOSED
EX	= EXISTING
R	= RADIUS
B-B	= BACK TO BACK
ROW	= RIGHT OF WAY
LF	= LINEAR FEET

ABBREVIATIONS	PROPOSED LEGEND		SURVEY/EXIST	
ABBREVIATIONS AND TERMS = INVERT ELEVATION = TOP OF CURB = RIM / TOP OF CASTING = GUITER = REINFORCED CONCRETE PIPE = HIGH DENSITY POLYETHYLENE PIPE = SUB-SURFACE DRAIN = UNDERDRAIN = MANHOLE = STRUCTURE = REGULATED DRAIN AND UTILITY EASEMENT = DRAINAGE AND UTILITY EASEMENT = SANITARY, DRAINAGE, AND UTILITY EASEMENT = WATER AND UTILITY EASEMENT = SANITARY EASEMENT = SANITARY SEWER = HANDICAP RAMP = MATCH EXISTING = STORM SEWER = MINIMUM PAD ELEVATION = NORMAL POOL = ELEVATION = TYPICAL = PROPOSED = EXISTING	Image: Constraint of the second s	FD LEGEND FD FOUNDATION DRAIN TV CABLE TV LINE** E ELECTRIC LINE** FO FIBER OPTIC LINE UD STORM UNDERDRAIN UD STORM UNDERDRAIN STORM SEWER SANITARY SEWER FM FORCE MAIN G GAS LINE T TELEPHONE LINE** W WATER LINE **PREFIX FOR UTILITY LINES: UG - UNDERGROUND OH - OVERHEAD FLOW ARROW 785 EXISTING CONTOURS T785 FLOW ARROW Z785 PROPOSED CONTOURS SWALE SWALE EXXX.XX FLOW LINE ELEVATION XXX.XX FLOW LINE ELEVATION XXX.XX SPOT ELEVATION XXX.XX FLOW POINT ELEVATION XXX.XX LOW POINT ELEVATION XXX.XX LOW POINT ELEVATION XXX.XX LOW POINT ELEVATION	SECTION MONUMENT BENCHMARK PROPERTY MONUMENT PROPERTY MONUMENT STAND PIPE POST AIR CONDITIONER STORAGE TANK SEPTIC TANK GE GREASE PIT TANK F FOUNTAIN SHRUB F STUMP SATELITE DISH ANTENNA COAL CHUTE GUY WIRE SIGN CROSS LIGHT GROUND LIGHT FLAG POLE MAST ARM POLE	CONDITION LEE
= EXISTING = RADIUS = BACK TO BACK = RIGHT OF WAY = LINEAR FEET	STORM BEEHIVE/YARD DRAIN STORM GRATE INLET BMP/AQUA-SWIRL	BC:XXX.XX CURB ELEVATION TW:XXX.XX TOP/BOTTOM BW:XXX.XX WALL ELEVATION ME - MATCH EXISTING GRADE		RAIL WOVEN FENCE CHAIN-LINK FENCE IRON FENCE PRIVACY FENCE GUARD RAIL FLOW LINE





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