

Mitan Breidotial CONTENTS

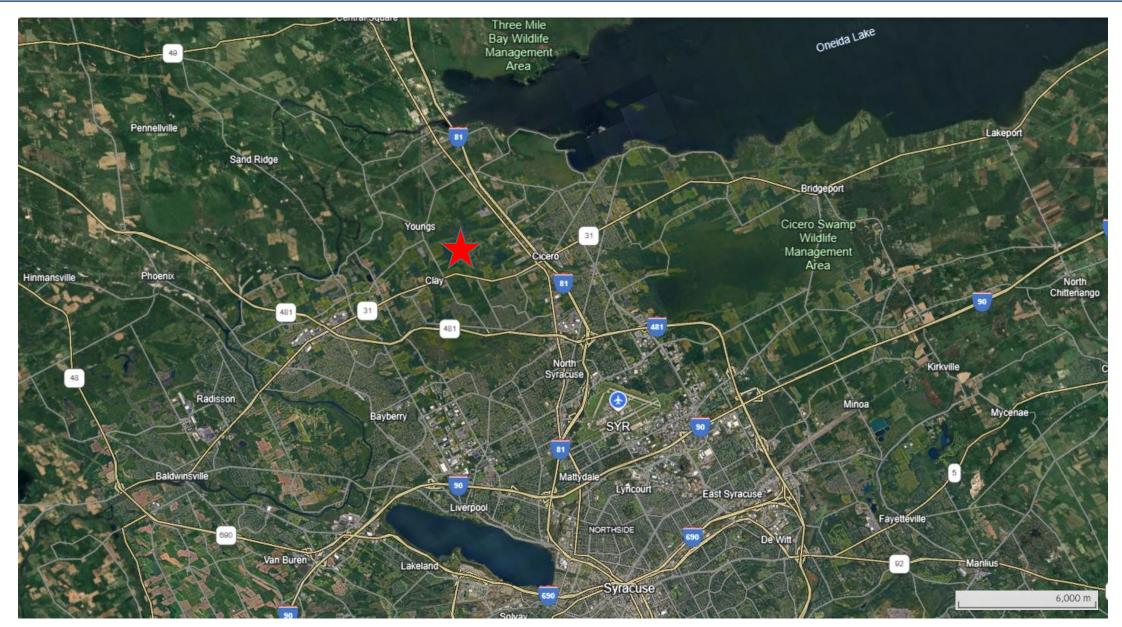
- Project Site Location
- Revised Drawings
 - Exterior Roadside Renderings
 - Exterior Point of View Renderings
 - Site Plan Phase 1
- Site Sector Plan Examples
- SP-04 Civil Sector Example
- SWPPP-01 Civil Sector Example



PROJECT SITE LOCATION



MICRON NEW YORK SEMICONDUCTOR MANUFACTURING SITE - CLAY, NEW YORK





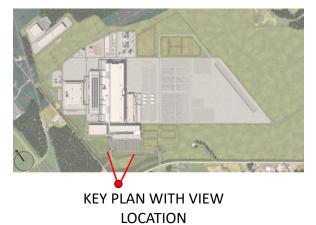
REVISED DRAWINGS

- EXTERIOR ROADSIDE RENDERINGS
- EXTERIOR POINT OF VIEW RENDERINGS
- SITE PLAN PHASE 1



MICAUGHDENOY RD AND HIGHWAY 31



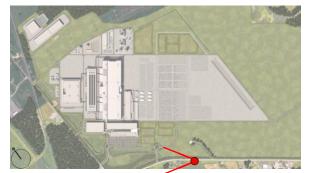


Viewpoint of Phase 1 campus includes projected 10-year planting.



Might High 31





KEY PLAN WITH VIEW LOCATION

Viewpoint of Phase 1 campus includes projected 10-year planting.



MICAUGHDENOY RD





KEY PLAN WITH VIEW LOCATION

Viewpoint of Phase 1 campus includes projected 10-year planting. Fence line shown in foreground with WWT and CUB building beyond.



Migra RCALDINE DR AND HIGHWAY 31



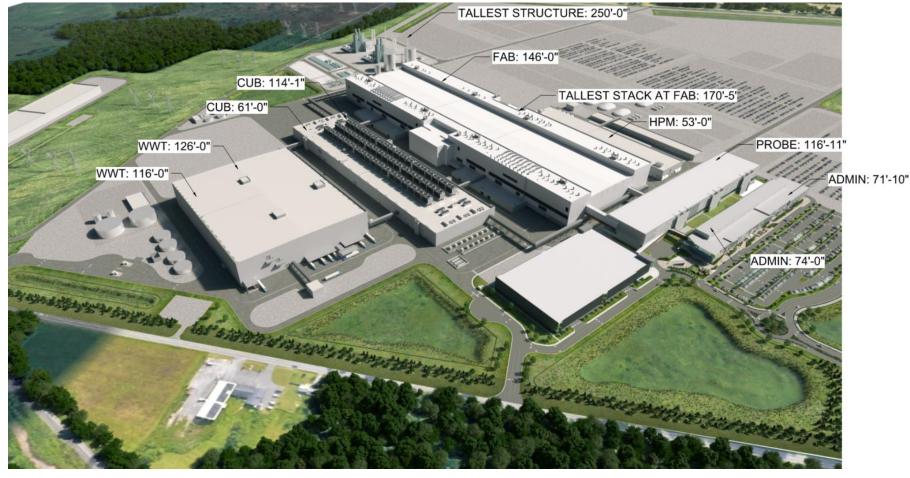


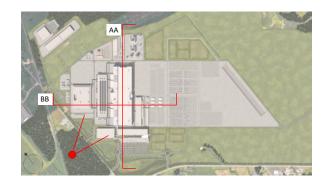
KEY PLAN WITH VIEW LOCATION

Image represents Phase 1.

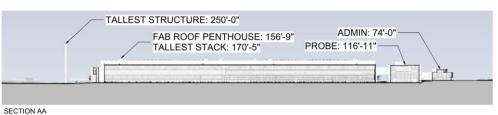


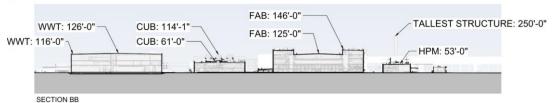
Mierast Sitte view - Building and Structure Highest Points





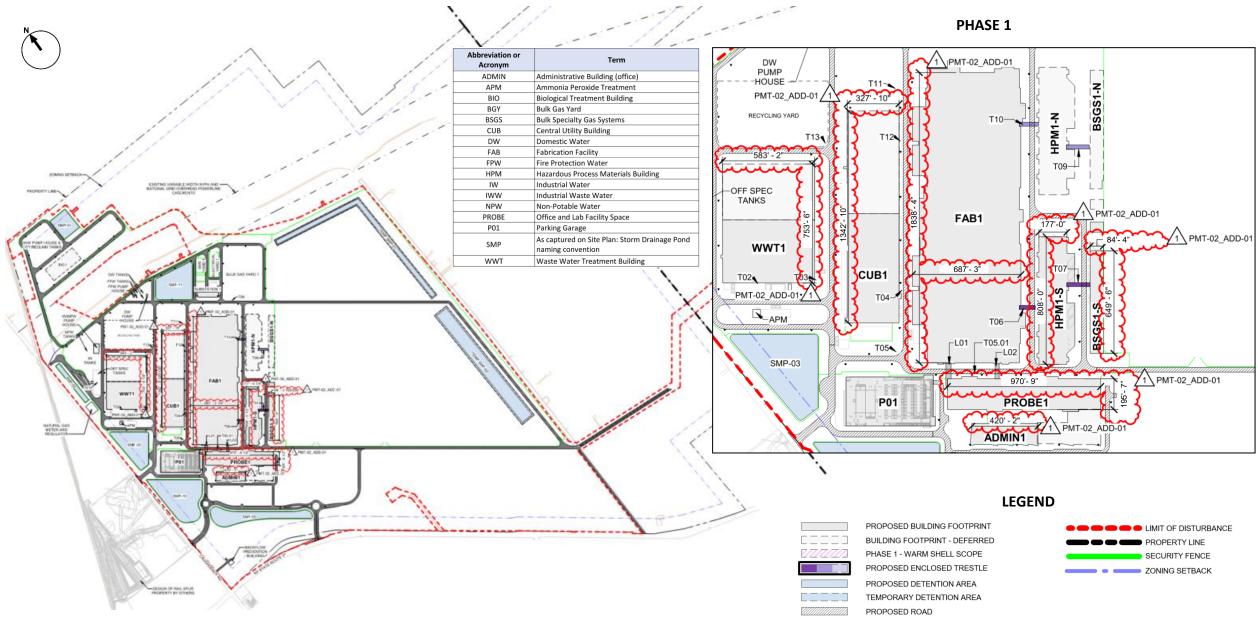
KEY PLAN WITH VIEW LOCATION







Misrp Confidential - PHASE 1



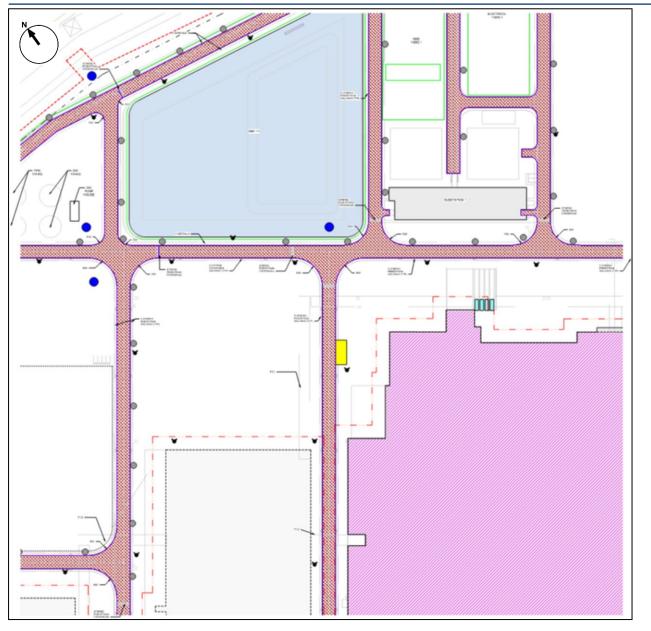


SITE SECTOR PLAN EXAMPLES

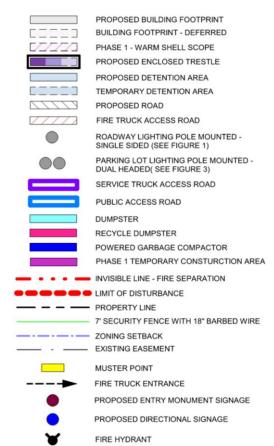
• 3 OF 16 TOTAL SECTORS



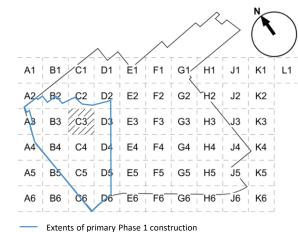
Misrite SECTOR PLAN - C3



LEGEND



KEY PLAN



Phase 1 Detailed Design is under development.

GENERAL NOTES:

 6" CURB TO BE INSTALLED AT EDGE OF ROADS BORDERING SIDEWALK OR LANDSCAPING/TERRAIN





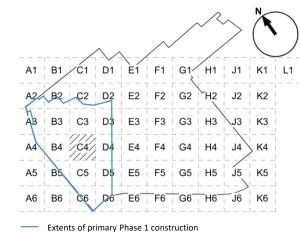
Misrate SECTOR PLAN - C4



LEGEND



KEY PLAN



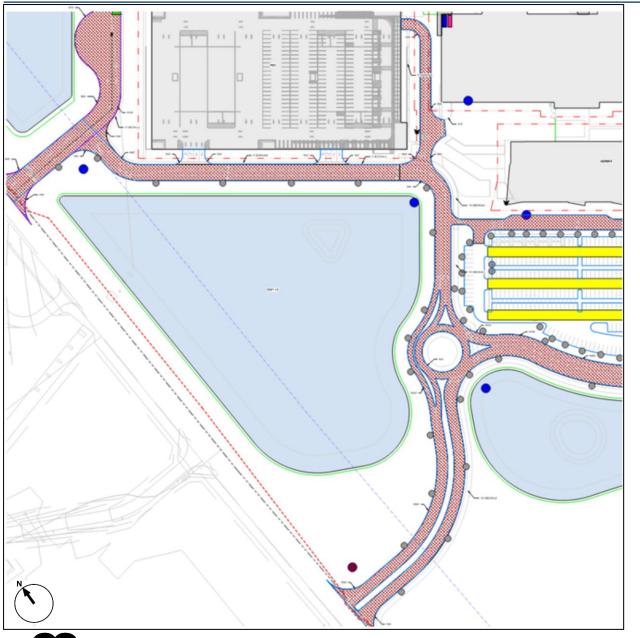
Phase 1 Detailed Design is under development.

GENERAL NOTES:

 6" CURB TO BE INSTALLED AT EDGE OF ROADS BORDERING SIDEWALK OR LANDSCAPING/TERRAIN



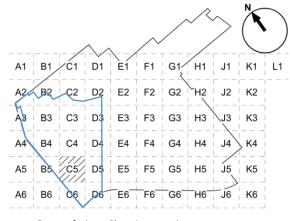
Misrit Confidential OR PLAN - C5



LEGEND



KEY PLAN



Extents of primary Phase 1 construction

Phase 1 Detailed Design is under development.

GENERAL NOTES:

 6" CURB TO BE INSTALLED AT EDGE OF ROADS BORDERING SIDEWALK OR LANDSCAPING/TERRAIN



SP-04 CIVIL SECTOR EXAMPLE



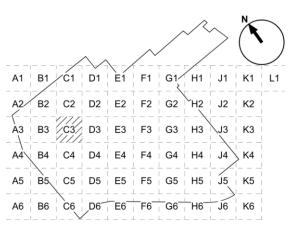
Misrp-04 CIVIL SECTOR PLAN - C3 - UNDERGROUND UTLITIES

SMP-11 lane kombi BOUPADI T/SI AR-395 67 DISTURBED AS A RESULT OF DEMOLITION ACTIVITIES. dix 8

GENERAL NOTES:

- SEE LEGEND, NOTES AND ABBREVIATIONS SHEET 000_B000_C0_0001 FOR COMPLETE GENERAL NOTES GENERAL NOTES MAY CONTAIN NOTES THAT DO NOT APPLY TO THIS WORK PACKAGE.
- FIELD VERIFY CONNECTION POINTS TO EXISTING UTILITIES. NOTIFY ENGINEER OF DISCREPANCIES FROM PLAN OF RECORD
- EXISTING GRADES SHOWN ARE A COMBINATION OF EXISTING GRADES AND COMPLETED ROUGH GRADING AND SHOULD BE FIELD VERIFIED.
- MANHOLE LID ADJUSTMENT REQUIRING GREATER THAN 12 OF STACKED GRADE RINGS WILL HAVE THE TOP SECTION REMOVED, A 12 OR GREATER PRECAST MANHOLE SECTION INSTALLED AND TOP SECTION REPLACED. ALIGN NEW STEPS W/ EXISTING STEPS. IN CASE OF FLAT TOP MANHOLE, REMOVE TOP LID SECTION & INSTALL PRECAST SECTION. REINSTALL RIM & LID TO GRADE
- ROADWAY AND PAVEMENT STRIPING AND SITE SIGNAGE IS SHOWN IN APPROXIMATE LOCATIONS (UNO). SEE SITE IMPROVEMENT PLANS FOR FINAL STRIPING AND SIGNAGE
- GRADES SHOWN ON UTILITY PLANS ARE FOR REFERENCE ONLY AND SHOULD NOT BE USED FOR FINAL CONSTRUCTION. FINISHED GRADING TO BE ISSUED AS PART OF FINAL SITE IMPROVEMENTS AND UTILITY STRUCTURES TO BE ADJUSTED TO FINISHED GRADE AT TIME OF COMPLETION OF FINAL SURFACES. CONTRACTOR TO ENSURE UNDERGROUND UTILITIES ARE ADEQUATELY PROTECTED FROM TRAFFIC LOADING UNTIL FULL DESIGN DEPTH OF BURIAL IS ACHIEVED.
- DIMENSIONS AND COORDINATES ARE TO FACE OF CURB (UNO).
- PROVIDE THRUST BLOCKS/JOINT RESTRAINTS ON ALL PRESSURIZED LINES. SEE STANDARD DETAILS. FIELD VERIFY LIMITS OF DEMOLITION & LOCATION OF UTILITIES TO REMOVE.
- INSTALL AND MAINTAIN EROSION CONTROL MEASURES PER LOCAL STANDARDS. ENSURE EROSION CONTROL MEASURES ARE IN ACCORDANCE WITH BEST MANAGEMENT PRACTICES OF LOCAL
- CONTRACTOR RESPONSIBLE TO MAINTAIN POSITIVE DRAINAGE TO STORM DRAIN SYSTEM UNTIL PERMANENT STORM DRAIN SYSTEM IS INSTALLED.
- TELECOM, ELECTRICAL & LSS SHOWN FOR REFERENCE ONLY, COORDINATE INSTALLATION WITH RESPECTIVE DISCIPLINE'S CONSTRUCTION DOCUMENTS.
- ADJUST UTILITY STRUCTURES (PIV'S, HYDRANTS, MH'S, CB'S, VAULTS, ETC.) TO FINISH GRADE WHEN COMPLETING FINAL GRADING. ELECTRICAL AND TELECOM VAULTS TO BE ADJUSTED TO FINISHED GRADE WITH GRADE RINGS
- FOR UTILITY CROSSINGS AND UTILITY TRENCHING, SEE STANDARD DETAILS.
- UTILITY INSTALLATION INCLUDES TRENCHING, PIPE BEDDING & BACKFILL. REINSTATE SURFACE TO ORIGINAL CONDITION UNO ON SITE IMPROVEMENT PLANS. FOR UTILITY TRENCHING, SEE STANDARD
- UNLESS OTHERWISE DIRECTED BY THE OWNER OR BY THE A/E, REPLACE, IN KIND, ALL INFRASTRUCTURE INCLUDING BASE, AC PAVING, CONCRETE CURBS, GUTTERS AND SIDEWALKS, UTILITIES, LANDSCAPING, AND IRRIGATION LINES, NOT INTENDED FOR DEMOLITION, BUT WHICH HAVE BEEN REMOVED OR
- WHERE DEMOLITION OCCURS AND NO SPECIFIC INSTRUCTIONS ARE MADE CONCERNING NEW OR REPLACEMENT FEATURES, RESTORE THE AREA TO A FINISHED CONDITION USING MATERIALS MATCHING THOSE ADJACENT TO THE REMOVAL SITE, MAKING SURE PROPER DRAINAGE AND APPEARANCE IS
- **ELECTRICAL DRAWINGS**
- EXISTING SITE UNDERGROUND UTILITIES, GRADES, STRUCTURES AND SITE FURNISHINGS DEPICTED ON THESE DRAWINGS ARE A COMBINATION OF SITE SURVEYS, AND CLIENT PROVIDED RECORD DRAWINGS. FIELD VERIFY LOCATION OF UTILITIES, GRADES AND STRUCTURES WITHIN LIMITS OF CONSTRUCTION. NOTIFY ENGINEER OF DISCREPANCIES.
- IN LOCATIONS OF PILING INSTALLATIONS, PERFORM POTHOLING IN ADVANCE OF PILE DRILLING TO FIELD VERIFY LOCATION AND AVOID DAMAGE OF EXISTING UTILITIES.
- REMOVE TEMPORARY MATERIALS, EQUIPMENT, SERVICES & CONSTRUCTION ENABLING FEATURES PRIOR TO SUBSTANTIAL COMPLETION OF WORKS, CLEAR AREAS USED BY THE CONTRACTOR FOR TEMPORARY STRUCTURES, RUBBISH, AND WASTE MATERIALS, AND PROPERLY GRADE TO DRAIN AND BLEND IN WITH THE ABUTTING PROPERTY. FINISH AREAS USED FOR THE DEPOSIT OF WASTE MATERIALS TO PROPERLY CLEAR AND RESTORE STAGING AREAS TO THE ORIGINAL CONDITION UNO ON LANDSCAPE OR SITE IMPROVEMENT PLANS, CORRECT DAMAGE, CHANGES OR ALTERATIONS MADE BY THE CONTRACTOR TO STORAGE AND LAYDOWN AREAS DURING CONSTRUCTION PRIOR TO THE START OF CONSTRUCTION, UNLESS NOTED OTHERWISE ON DRAWINGS
- TEMPORARY DEWATERING AND DRAINAGE OF SITE IS RESPONSIBILITY OF CONTRACTOR, MAINTAIN DRAINAGE PATHS THROUGH TEMPORARY MEASURES AS NEEDED, SUCH AS SWALES AND SETTLEMENT PONDS, UNTIL SUCH TIME AS FINAL STORM DRAINAGE SYSTEM IS IN PLACE
- ROOF DRAINS AND OTHER CLEAN WATER CONNECTIONS TO THE SANITARY SEWER SYSTEM ARE
- TILITY CONNECTIONS TO UNDERSLAB BUILDING PLUMBING SYSTEMS AND ROOF DRAIN DOWNS POUTS INDICATED ON THE CIVIL DRAWINGS ARE APPROXIMATE BASED ON BUILDING SYSTEM DESIGN. SITE
- CONTRACTOR TO REFER TO CIVIL STANDARD DETAILS AND PROVIDE FITTINGS REQUIRED AND CONSTRUCTION MEANS AND METHODS NECESSARY TO CONNECT SITE SYSTEM TO BUILDING UNDERSLAB
- AA UNDERGROUND UTILITIES ARE TYPICALLY DESIGNED FOR HS-20 TRAFFIC LOADING AT END STATE INSTALLATION CONDITION. CONTRACTOR TO ASSESS TRAFFIC LOADING PER NOTE F ABOVE. OR IF LOADS EXCEEDING NORMAL HS-20 LOADING ARE INTRODUCED IN PROXIMITY OF THE UTILITY. CONSULT GEOTECHNICAL ENGINEER FOR UTILITY LOADING ANALYSIS AND RECOMMENDATIONS.

KEY PLAN



KEYED NOTES:

- INSTALL FIRE HYDRANT PER DET 1/000 B000 C0 7602.
- INSTALL GATE VALVE, BOX AND COVER PER DET 3/ 000 B000 C0 7602.
- INSTALL PIPE TEE, SEE PLAN FOR ASSOCIATED PIPE SIZE.
- INSTALL 90-DEG BEND, SEE PLAN FOR ASSOCIATED PIPE SIZE INSTALL 45-DEG BEND, SEE PLAN FOR ASSOCIATED PIPE SIZE
- INSTALL BUTTERFLY VALVE, BOX AND COVER PER DET 3/000 B000 C0 7602
- INSTALL POST INDICATOR ON VALVE, SEE DET 2/ 000 B000 CO 7602.
- INSTALL 22.5-DEG BEND, SEE PLAN FOR ASSOCIATED PIPE SIZE
- CONNECT UNDERGROUND UTILITY TO BUILDING UNDERSLAB SYSTEM. SEE DET 7/ 000_B000_C0_7604. SITE CONTRACTOR TO SUPPLY NECESSARY COUPLINGS AND MAKE
- 10 CONSTRUCT SANITARY SEWER MANHOLE, FRAME AND COVER PER 1, 3, 5 & 6/ 000_B000_C0_7603. FOR PIPE CONNECTIONS GREATER THAN OR EQUAL TO 24" ABOVE OUTGOING FLOWLINE, INSTALL EXTERNAL DROP ASSEMBLY PER DET 4/000 B000 C0 7603.
- INSTALL PLUG VALVE, BOX AND COVER PER 3/ 000_B000_C0_7602.
- 12 STUB OUT & PLUG FOR FUTURE CONNECTION PER DET 11/000_B000_C0_7604
- 13 INSTALL CAP ON PIPE END FOR FUTURE CONNECTION.
- 14 INSTALL 11.25-DEG BEND, SEE PLAN FOR ASSOCIATED PIPE SIZE
- 15 INSTALL VERTICAL ANODELESS RISER CONNECTION TO ABOVE GRADE PIPING.

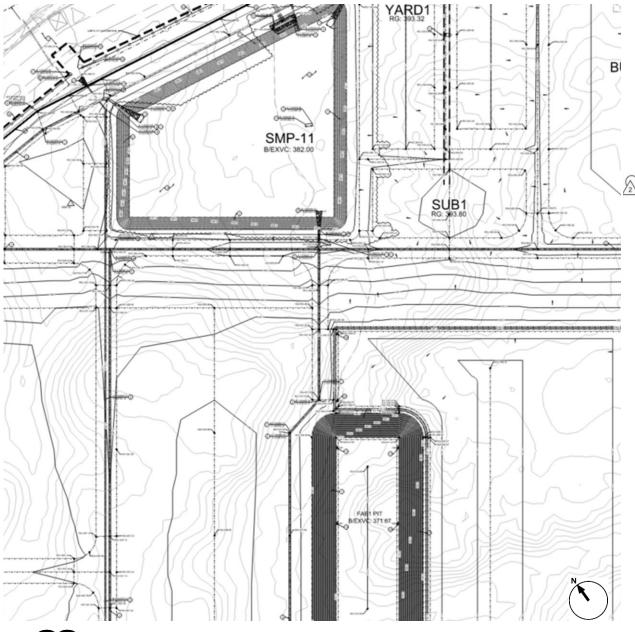
Submitted 10.15.2025



SWPPP-01 CIVIL SECTOR EXAMPLE



SWPPP-01 CIVIL SECTOR PLAN - C3 - ROUGH GRADING & EROSION CONTROL



GENERAL NOTES:

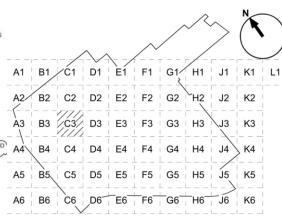
- A SEE LEGEND, NOTES AND ABBREVIATIONS SHEET 000_B000_C0_0001 FOR COMPLETE GENERAL NOTES. GENERAL NOTES MAY CONTAIN NOTES THAT DO NOT APPLY TO THIS WORK PACKAGE.
- B FIELD VERIFY CONNECTION POINTS TO EXISTING UTILITIES. NOTIFY ENGINEER OF DISCREPANCIES FROM
- C EXISTING GRADES SHOWN ARE A COMBINATION OF EXISTING GRADES AND COMPLETED ROUGH GRADING AND SHOULD BE FIELD VERIFIED.
- MANHOLE LID ADJ USTMENT REQUIRING GREATER THAN 12, OF STACKED GRADE RINGS WILL HAVE THE TOP SECTION REMOVED, A 12, OR GREATER PRECAST MANHOLE SECTION INSTALLED AND TOP SECTION REPLACED. ALION NEW STEPS W EXISTING STEPS. IN CASE OF FLAT TOP MANHOLE, REMOVE TOP LID SECTION & INSTALL PRECAST SECTION REINSTALL RIM & LID TO GRADE.
- E ROADWAY AND PAVEMENT STRIPING AND SITE SIGNAGE IS SHOWN IN APPROXIMATE LOCATIONS (UNO).
 SEE SITE IMPROVEMENT PLANS FOR FINAL STRIPING AND SIGNAGE.
- F GRADES SHOWN ON UTILITY PLANS ARE FOR REFERENCE ONLY AND SHOULD NOT BE USED FOR FINAL CONSTRUCTION. FINISHED GRADING TO BE ISSUED AS PART OF FINAL SITE IMPROVEMENTS AND UTILITY STRUCTURES TO BE ADJUSTED TO FINISHED GRADE AT TIME OF COMPLETION OF FINAL SURFACES. CONTRACTOR TO ENSURE UNDERGROUND UTILITIES ARE ADEQUATELY PROTECTED FROM TRAFFIC LOADING UNTIL FULL DESIGN DEPTH OF BURBLIS ACHIEVED.
- G DIMENSIONS AND COORDINATES ARE TO FACE OF CURB (UNO).
- PROVIDE THRUST BLOCKS/JOINT RESTRAINTS ON ALL PRESSURIZED LINES, SEE STANDARD DETAILS.
- FIELD VERIFY LIMITS OF DEMOLITION & LOCATION OF UTILITIES TO REMOVE.

 NETALL AND MANTAIN FROSON CONTROL MEASURES IN ACCORDANCE WITH THE APPROVED SWIPP AND
 REST MANAGEMENT PRACTICES OF LOCAL JURISDICTION.
 CONTRACTOR DESERVINGES TO LAUKTAIN DESTURE ORGANICE TO STORM DEAM SYSTEM LIMIT.
- L CONTRACTOR RESPONSIBLE TO MAINTAIN POSITIVE DRAINAGE TO STORM DRAIN SYSTEM UNTIL PERMANENT STORM DRAIN SYSTEM IS INSTALLED.

 M TELECOM, ELECTRICAL & LSS SHOWN FOR REFERENCE ONLY, COORDINATE INSTALLATION WITH
- RESPECTIVE DISCIPLINE'S CONSTRUCTION DOCUMENTS.

 A DUIST UTILITY STRUCTURES (PV/S, HYDRANTS, MHS, CBS, VAULTS, ETC.) TO FINISH GRADE WHEN COMPLETING FINAL GRADING. ELECTRICAL AND TELECOM VAULTS TO BE ADJUSTED TO FINISHED GRADE WITH GRADE RINGS.
- P FOR UTILITY CROSSINGS AND UTILITY TRENCHING SEE STANDARD DETAILS
- Q UTILITY INSTALLATION INCLUDES TRENCHING, PIPE BEDDING & BACKFILL. REINSTATE SURFACE TO ORIGINAL CONDITION UNO ON SITE IMPROVEMENT PLANS. FOR UTILITY TRENCHING, SEE STANDARD DETAILS.
- R UNLESS OTHERWISE DIRECTED BY THE OWNER OR BY THE AE, REPLACE, IN KIND, ALL INFRASTRUCTURE INCLUDING BASE, AC PAVING, CONCRETE CUBBS, QUITERS AND SIDEWALKS, UTILITIES, LANDSCAPING, AND IRRIGATION LINES, NOT INTENDED FOR DEMOLITION, BUT WHICH HAVE BEEN REMOVED OR DISTLIBER 1 AS A REFUL TO DE DRIVEL ITON ACTIVITIES.
- S WHERE DEMOLITION OCCURS AND NO SPECIFIC INSTRUCTIONS ARE MADE CONCERNING NEW OR REPLACEMENT FEATURES, RESTORE THE AREA TO A FINISHED CONDITION USING MATERIALS MATCHING THOSE ADJACENT TO THE REMOVAL SITE, MAKING SURE PROPER DRAINAGE AND APPEARANCE IS ATTAINED.
- COORDINATE INSTALLATION OF ELECTRICAL GROUNDING GRID AT SITE SLABS, FENCING AND WALLS WITH ELECTRICAL DRAWINGS.
- U EXISTING SITE UNDERGROUND UTILITIES, GRADES, STRUCTURES AND SITE FURNISHINGS DEPICTED ON THESE DRAWINGS ARE A COMBINATION OF SITE SURVEYS, AND CLIENT PROVIDED RECORD DRAWINGS, FIELD VERIFY LOCATION OF UTILITIES, GRADES AND STRUCTURES WITHIN LIMITS OF CONSTRUCTION. NOTIFY ENGINEER OF DISCREPANCIES.
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- Y ROOF DRAINS AND OTHER CLEAN WATER CONNECTIONS TO THE SANITARY SEWER SYSTEM ARE PROHIBITED.
- 2 METILITY CONNECTIONS TO UNDERSLAB BUILDING PLUMBING SYSTEMS AND ROOF DRAIN DOWNSPOUTS INDICATED ON THE CIVIL DRAWINGS ARE APPROXIMATE BASED ON BUILDING SYSTEM DESIGN. SITE CONTRACTOR TO REFER TO CIVIL STANDARD DETAILS AND PROVIDE FITTINGS REQUIRED AND CONSTRUCTION MEANS AND METHODS NECESSARY TO CONNECT SITE SYSTEM TO BUILDING UNDERSLAB SYSTEM.
- AA UNDERGROUND UTILITIES ARE TYPICALLY DESIGNED FOR HS-20 TRAFFIC LOADING AT END STATE INSTALLATION CONDITION. CONTRACTOR TO ASSESS TRAFFIC LOADING FER NOTE F ABOVE. OR IF LOADS EXCEEDING NORMAL HS-20 LOADING ARE INTRODUCED IN PROXIMITY OF THE UTILITY. CONSULT GEOTECHNICAL ENGINEER FOR UTILITY LOADING ANALYSIS AND RECOMMENDATIONS.

KEY PLAN



KEYED NOTES:

- 2:1 SLOPE. INSTALL EROSION CONTROL BLANKET PER DETAIL 4/000_B0_C0_7600. CONSTRUCT CUT-IN DRAINAGE CHANNEL PER DETAIL 1/000_B000_C0_7601.
- 3 INSTALL CONCRETE HEADWALL PER DETAIL 12/000_B000_C0_7601.
- S 31 SLOPE, INSTALL EROSION CONTROL BLANKET PER DETAIL 400Y BY CO 7800.

 A LAISALL OUTFALL CONTROL STRUCTURE WITH DEWAYERING DEVICE PER DETS 2,8 4,1000 B009, C9,7600.

 T CAUTION EXISTING OVERHEAD UTILITIES TO BE PROTECTED DUTING CONSTRUCTION.
- RETAINING WALL. SEE STRUCTURAL DRAWINGS. INSTALL RETAINING WALL DRAINAGE SECTION PER DETAIL
 5000 800 CO 7601.
- APPROXIMATE LOCATION OF PROPOSED NATIONAL GRID ELECTRICAL DUCT BANK AND VAULTS. COORDINATE SITE FILLING EFFORT WITH NATIONAL GRID UTILITY INSTALLATION.
- INSTALL TEMPORARY BUILDING FOUNDATION PUMP PER DETAIL 16/000_B000_C0_7600.
- 11 CONSTRUCT RIP RAP QUITET PROTECTION PER DETAIL 18/000 8/00 (Q. 7/00).

 12 INSTAIL RENIFORCED SEIDMENT FENCE SEE DETAIL 16/000 8/00 (Q. 7/00) PLANS ASSUME USE OF REINFORCED SILT FENCE. AT CONTRACTOR'S OPTION, STANDARD OR SUPER SILT FENCE MAY BE UTILIZED PROVIDED THE SPACING MEETS THE MAXIMUMS LISTED IN DETAIL.
- 13 INSTALL SEDIMENT BASIN BAFFLE PER DETAIL 2/000_B000_C0_7600.
 14 CONSTRUCT POND WITH IMPERIABLE LINER PER DETAIL 3/000_B000_C0_7600.
- CONSTRUCT POND WITH IMPERIABLE LINER PER DETAIL 3/000_B000_C0_7600.

 INSTALL SPILLWAY STRUCTURE WITH RIPRAP SURROUND PER DETAIL 6/000_B000_C0_7605. STRUCTURE
- STALL SPILLWAY STRUCTURE WITH RIPRAP SURROUND PER DETAIL 6/000_B000_C0_7605. STRUCTUR
 INGTH AS SHOWN.

Submitted 10.15.2025

