

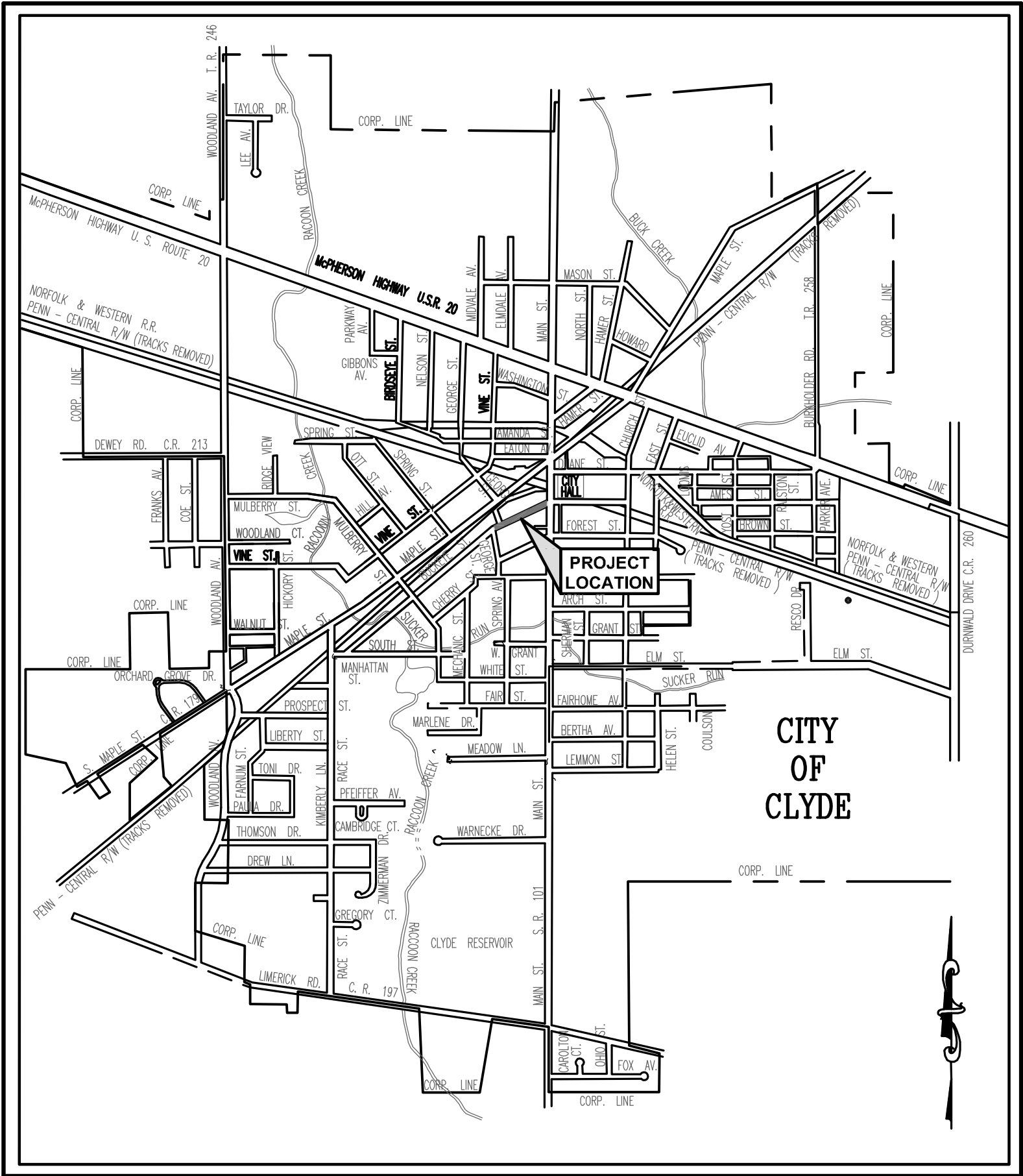
# BUCKEYE STREET IMPROVEMENTS-PHASE III

PROJECT 06-008-004  
CITY OF CLYDE  
SANDUSKY COUNTY, OHIO

JUNE 2010

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LOCATION MAP  
NOT TO SCALE

CITY OFFICIALS

|  |                     |
|--|---------------------|
| HONORABLE MAYOR                          | SCOTT BLACK         |
| CITY MANAGER                             | DANIEL E. WEAVER    |
| FINANCE DIRECTOR                         | CHRISTINE MAY       |
| SUPERINTENDENT OF WATER TREATMENT        | PHILLIP FARRAR, SR. |
| SUPERINTENDENT OF WASTEWATER             | THOMAS BAUER        |
| SUPERINTENDENT OF LIGHT & POWER          | KEVIN WRIGHT        |
| SUPERINTENDENT OF SERVICE DEPT.          | RICK HARRAH         |
| SUPERINTENDENT OF ENVIRONMENTAL SERVICES | DON BALL            |

MEMBERS OF COUNCIL

|                  |                |
|------------------|----------------|
| VICE MAYOR       | CAROLYN FARRAR |
| CLERK OF COUNCIL | JANET DICKMAN  |
| COUNCIL MEMBER   | KENNETH DICK   |
| COUNCIL MEMBER   | GARY BEAMER    |
| COUNCIL MEMBER   | STEVE KEEGAN   |
| CITY SOLICITOR   | BARRY BOVA     |

APPROVALS

DATE \_\_\_\_\_  
DANIEL E. WEAVER - CITY MANAGER

UNDERGROUND UTILITIES  
TWO WORKING DAYS  
BEFORE YOU DIG  
Call... 800-362-2764 (Toll Free)  
OHIO UTILITIES PROTECTION SERVICE  
NON-MEMBERS  
MUST BE CALLED DIRECTLY



CONSULTING ENGINEERS  
35585 CURTIS BOULEVARD, UNIT C EASTLAKE, OHIO 44095  
PH: 440-953-1567 FAX: 440-953-0580



DATE \_\_\_\_\_  
NATHANIEL R. WONSICK, PE#70319

# GENERAL NOTES

## GENERAL

### GENERAL

CONSTRUCTION OF THIS PROJECT SHALL BE IN ACCORDANCE WITH THE PROJECT SPECIFICATIONS AND CONSTRUCTION DRAWINGS, LATEST ODOT STANDARD SPECIFICATIONS INCLUDING ALL CURRENT SUPPLEMENTAL SPECIFICATIONS AND STANDARD DRAWINGS.

THE CONTRACTOR SHALL VERIFY ALL DIMENSIONS ON ALL DRAWINGS PRIOR TO PROCEEDING WITH CONSTRUCTION. (FIGURED DIMENSIONS ONLY SHALL BE USED). ANY DISCREPANCY BETWEEN ACTUAL AND GRAPHIC CONDITIONS SHALL BE REPORTED TO THE ENGINEER PRIOR TO PROCEEDING WITH ANY CONSTRUCTION.

ALL WORK CONTEMPLATED SHALL BE GOVERNED BY THE RULES, REGULATIONS AND SPECIFICATIONS OF THE CITY, AND AT ALL TIMES SHALL BE SUBJECT TO THEIR DIRECT SUPERVISION AND INSPECTION.

THE CONTRACTOR SHALL FIELD VERIFY ALL DIMENSIONS BEFORE INSTALLING ANY PROPOSED PIPE, OR MANHOLES. ANY ADJUSTMENTS SHALL BE APPROVED BY THE ENGINEER.

ANY EXISTING PROPERTY, STRUCTURES OR UTILITY LINES DAMAGED IN OR OUTSIDE OF THE CONSTRUCTION LIMITS DURING THE CONSTRUCTION OF THIS PROJECT SHALL BE REPLACED AT THE CONTRACTOR'S EXPENSE.

ANY EXISTING SIGNS, MAILBOXES, PAPER BOXES, LANDSCAPE ITEMS OR FENCES DAMAGED DURING CONSTRUCTION OF THIS PROJECT, SHALL BE REPLACED AT THE CONTRACTOR'S EXPENSE.

THE CONTRACTOR SHALL PRESERVE ALL CORNERSTONES, IRON PINS, CONCRETE MONUMENTS, OR ANY OTHER TYPE OF LAND MONUMENT. THE CONTRACTOR SHALL HAVE ALL LAND MONUMENTS IN THE PROXIMITY OF THE WORK REFERENCED. THE CONTRACTOR SHALL REPLACE DESTROYED OR DAMAGED MONUMENTS AND SHALL FURNISH A CERTIFICATION BY A REGISTERED SURVEYOR THAT THE MONUMENTS HAVE BEEN RESTORED.

ALL WORK PERFORMED UNDER THIS CONTRACT SHALL COMPLY WITH THE U.S. DEPARTMENT OF LABOR OCCUPATIONAL SAFETY AND HEALTH ACT.

ALL STATIONING SHOWN ON BUCKEYE ST. IS ALONG THE CENTERLINE OF PROPOSED PAVEMENT.

THE CONTRACTOR SHALL VISIT THE SITE PRIOR TO SUBMITTING A BID TO PERSONALLY ASCERTAIN THE CONDITIONS OF THE WORK.

IT IS THE OBLIGATION AND THE RESPONSIBILITY OF THE CONTRACTOR TO MAKE HIS OWN INVESTIGATION OF THE SURFACE AND SUBSURFACE CONDITIONS PRIOR TO SUBMITTING HIS PROPOSAL.

UPON COMPLETION OF CONSTRUCTION, THE WORK AREA SHALL BE RETURNED AS NEAR AS POSSIBLE TO ITS ORIGINAL CONDITION.

IMMEDIATELY UPON COMPLETION OF THE WORK, ALL TRAFFIC CONTROL DEVICES SHALL BE REMOVED BY THE CONTRACTOR AND UNLESS OTHERWISE SPECIFIED WILL REMAIN THE CONTRACTOR'S PROPERTY.

THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE COST OF ALL TESTING AND ALL PERMITS REQUIRED FOR THIS PROJECT.

THE OWNER RESERVES THE RIGHT TO KEEP IN THEIR POSSESSION ANY ITEM BEING DEMOLISHED OR REMOVED AS PART OF THIS CONTRACT. THE CONTRACTOR IS RESPONSIBLE FOR DISPOSAL OF ALL MATERIALS THAT ARE REMOVED OR DEMOLISHED AS PART OF THIS CONTRACT.

A PRE-CONSTRUCTION CONFERENCE SCHEDULED BY THE ENGINEER SHALL BE HELD PRIOR TO ANY WORK STARTING. IN ADDITION, THE CONTRACTOR SHALL PROVIDE 48 HOUR NOTICE PRIOR TO BEGINNING WORK TO ARRANGE FOR INSPECTION.

THE STANDARD SPECIFICATIONS OF THE OHIO DEPARTMENT OF TRANSPORTATION, LATEST EDITION, INCLUDING ALL SUPPLEMENTAL SPECIFICATIONS AND STANDARD DRAWINGS, SHALL GOVERN THIS PROJECT. FOR THE PURPOSE OF THIS PLAN, REFERENCES TO DIRECTOR OR ENGINEER SHALL BE CONSTRUED TO MEAN THE DESIGN ENGINEER AND/OR HIS REPRESENTATIVE.

PRIOR TO SUBSURFACE INVESTIGATION OR ON-SITE EXAMINATION OF THE PROJECT, ALL BIDDERS OBTAIN APPROVAL FROM THE OWNER.

### SUBSURFACE CONDITIONS:

IT IS THE OBLIGATION AND RESPONSIBILITY OF THE BIDDER TO MAKE HIS OWN INVESTIGATIONS OF SUBSURFACE CONDITIONS PRIOR TO SUBMITTING HIS PROPOSAL. THE BIDDER MAY EXAMINE THE RECORDS OF ALL BORINGS, TEST EXCAVATIONS AND OTHER SUBSURFACE INVESTIGATIONS, IF ANY, MADE SOLELY FOR DESIGN PURPOSES FOR THE OWNER. SAID BORINGS, TEST EXCAVATIONS AND OTHER SUBSURFACE INVESTIGATIONS ARE NOT WARRANTED TO SHOW THE ACTUAL SUBSURFACE CONDITIONS. THE CONTRACTOR AGREES THAT HE WILL MAKE NO CLAIM AGAINST THE OWNER OR ENGINEER IF, IN CARRYING OUT THE WORK, HE FINDS THAT THE ACTUAL SUBSURFACE CONDITIONS ENCOUNTERED DO NOT CONFORM TO THOSE INDICATED BY SAID BORINGS, OR SHOWN ON THE PLAN, TEST EXCAVATIONS, AND OTHER SUBSURFACE INVESTIGATIONS.

### MEASUREMENTS:

POLES, TREES, BUILDINGS, MANHOLES, AND OTHERS INDICATED ON THE PLANS ARE TO THE CENTER OF THE INDICATED OBJECT AND BEING AT RIGHT ANGLES FROM BASELINE STATIONING.

### BENCHMARKS:

BENCHMARKS WHICH ARE GIVEN HEREON ARE BASED AS NOTED ON PLANS AND ARE THE BASIS OF THE PROPOSED CONSTRUCTION ELEVATIONS.

### ACCESSIBILITY TO PRIVATE PROPERTY:

ACCESS TO ALL DRIVEWAYS AND PARKING AREAS WITHIN THE PROJECT WORK LIMITS SHALL BE MAINTAINED AT ALL TIMES.

THE CONTRACTOR SHALL NOTIFY ALL EMERGENCY AND PUBLIC SERVICES (FIRE DEPT., POLICE DEPT., SHERIFF DEPT., AMBULATORY, SCHOOLS AND THE POST OFFICE) ONE WEEK PRIOR TO ANY ROAD CLOSING OR DETOURS IN CONSIDERATION WITH THE CONSTRUCTION OF THIS CONTRACT. NOTIFICATION SHALL BE BY CERTIFIED LETTER WITH A COPY AND RETURN RECEIPT SUBMITTED TO THE ENGINEER.

### CONSULTATION:

A PRE-CONSTRUCTION CONFERENCE SHALL BE HELD, PRIOR TO THE START OF ANY CONSTRUCTION, AT THE CONVENIENCE OF THE OWNER.

### SOIL EROSION:

THE CONTRACTOR SHALL IMPLEMENT SOIL EROSION AND SEDIMENTATION CONTROL MEASURES AT HIS OWN EXPENSE IN ACCORDANCE WITH THE SOIL EROSION AND SEDIMENTATION REGULATIONS OF THE OHIO DEPARTMENT OF ENVIRONMENTAL AND NATURAL RESOURCES, AND AS STATED IN THE PROJECT SPECIFICATION.

### TOPSOIL REPLACEMENT:

TOPSOIL REPLACEMENT SHALL BE LIMITED TO FRONTAGE INSIDE THE RIGHT-OF-WAY THAT IS MAINTAINED AS A LAWN. THE ACTUAL TOPSOIL REPLACEMENT LIMITS ("BEGIN" AND "END") MAY VARY FROM THOSE NOTED IN THE PLANS.

### RIGHTS-OF-WAY

IN ADDITION TO DIRECT REQUIREMENTS OF THE CONTRACT SPECIFICATIONS, THE CONTRACTOR SHALL OBSERVE AND CONFORM TO THE SPECIFIC REQUIREMENTS OF ALL RIGHT-OF-WAY, INCLUDING, BUT NOT LIMITED TO, EASEMENTS, COURT ENTRIES, RIGHT-OF-ENTRY, OR ACTION FILED IN COURT, IN ACCORDANCE WITH THE CODE OF THE APPLICABLE GOVERNING AGENCY. THE COST OF THE OPERATIONS NECESSARY TO FULFILL SUCH REQUIREMENTS SHALL BE INCLUDED IN THE PRICE BID FOR THE VARIOUS ITEMS OF THE CONTRACT.

### ACCESS

ACCESS TO ALL ADJOINING PROPERTIES SHALL BE MAINTAINED AT ALL TIMES.

### MAIL SERVICE

THE CONTRACTOR SHALL BE RESPONSIBLE FOR MAINTAINING MAIL SERVICE IN THE CONSTRUCTION AREA. PRIOR TO DISTURBING ANY MAIL BOXES, THE CONTRACTOR SHALL CONTACT THE POSTAL AUTHORITIES AND SHALL TEMPORARILY RELOCATE MAIL BOXES IN ACCORDANCE WITH THE REQUIREMENTS THEREOF. THE CONTRACTOR SHALL RESTORE MAIL BOXES TO THEIR ORIGINAL CONDITION AND LOCATION. COST OF SAME SHALL BE INCLUDED IN THE UNIT PRICE BID FOR THE VARIOUS ITEMS IN THE CONTRACT.

### PROTECTION OF TREES

IT IS THE CONTRACTOR'S RESPONSIBILITY TO EXERCISE SPECIAL CARE TO TREES AND THEIR ROOT SYSTEM. MACHINE EXCAVATION SHALL NOT BE USED WHEN, IN THE OPINION OF THE ENGINEER, IT WOULD ENDANGER TREE ROOTS. IN GENERAL, WHERE THE LINE OF TRENCH FALLS WITHIN THE LIMITS OF THE LIMB SPREAD, THE LEAVING OF HEADERS ACROSS THE PROTECT ROOTS WILL BE REQUIRED. THE OPERATION OF ALL EQUIPMENT, PARTICULARLY WHEN EMPLOYING BOOMS, THE STORAGE OF MATERIALS, AND THE DEPOSITION OF EXCAVATION, SHALL BE CONDUCTED IN A MANNER WHICH WILL NOT INJURE TREES, TRUNKS, BRANCHES, OR THEIR TREE ROOTS UNLESS SUCH TREES ARE DESIGNATED BY THE ENGINEER FOR REMOVAL.

### UTILITY CROSSINGS

AT ALL UTILITY CROSSINGS, THE BACKFILL SHALL CONSIST OF COMPACTED GRANULAR MATERIAL BETWEEN THE DEEPER AND SHALLOWER PIPE, WHERE PROPOSED UTILITIES OR SERVICES CROSS PROPOSED OR EXISTING PAVEMENT AREAS, BACKFILL SHALL BE COMPACTED GRANULAR MATERIAL IN ACCORDANCE WITH THE SPECIFICATIONS.

### DRIVEWAY CULVERTS AND PIPING

ALL CULVERTS AND ASSOCIATED STORM PIPING THAT IS DISTURBED DURING CONSTRUCTION SHALL BE REPLACED IN KIND AT THE CONTRACTORS EXPENSE.

### PAVEMENT AND APRON REPLACEMENT

PARKING AREAS AND DRIVEWAYS SHALL BE REPLACED IN ACCORDANCE WITH THE SPECIFICATIONS. PAYMENT WILL BE MADE UNDER THE APPROPRIATE PAVEMENT REPLACEMENT ITEMS.

### SAWING PAVEMENT

WHERE NECESSARY TO DISTURB PAVEMENTS OR DRIVES, THE PAVEMENT SHALL BE SAW CUT IN NEAT, STRAIGHT LINES. THE DEPTH OF SAW CUT SHALL BE AT LEAST 2 INCHES. COST FOR SAW CUTTING SHALL BE INCLUDED IN THE PRICE BID FOR PAVEMENT REPLACEMENT.

### INTERRUPTION OF WATER SERVICE

THE CONTRACTOR SHALL GIVE WRITTEN NOTICE TO ALL AFFECTED PROPERTY OWNERS AT LEAST 24 HOURS, BUT NOT MORE THAN 72 HOURS PRIOR TO ANY TEMPORARY INTERRUPTION OF WATER SERVICE. INTERRUPTION OF WATER SERVICE SHALL BE HELD TO A MINIMUM, AND APPROVED BY THE ENGINEER.

### MATERIAL SPECIFICATIONS

MATERIAL SPECIFICATIONS CALLED FOR ON THE PLANS REPRESENT THE MINIMUM REQUIRED FOR EACH APPLICATION. THE OWNER MAY REQUEST OR THE CONTRACTOR MAY DESIRE TO SUBSTITUTE ALTERNATE MATERIALS. ANY SUCH SUBSTITUTIONS MUST BE EQUIVALENT IN QUALITY TO THE MATERIAL CALLED FOR AND MUST BE APPROVED IN WRITING BY THE AP-PROVING AGENCIES AND THE CONSULTING ENGINEER.

ALL SANITARY SEWERS AND LATERALS RUNNING UNDERNEATH PAVEMENT SHALL BE BACKFILLED WITH GRANULAR MATERIAL IN 6" LIFTS AND COMPACTED WITH A VIBRATORY-PLATE COMPACTOR.

CONTRACTOR SHALL INCLUDE COST OF GRANULAR BACKFILL UNDER ALL EXISTING AND PROPOSED PAVEMENTS IN PRICE BID PER LINEAR FOOT OF PIPE.

## UTILITIES

IT IS THE OBLIGATION AND RESPONSIBILITY OF THE CONTRACTOR TO MAKE HIS OWN INVESTIGATIONS OF SURFACE AND SUBSURFACE CONDITIONS PRIOR TO SUBMITTING HIS PROPOSAL.

THE LOCATION OF EXISTING UNDERGROUND UTILITIES ARE SHOWN IN AN APPROXIMATE WAY ONLY AND HAVE NOT BEEN INDEPENDENTLY VERIFIED BY THE OWNER OR ITS REPRESENTATIVE. THE CONTRACTOR SHALL DETERMINE THE EXACT LOCATION OF ALL EXISTING UTILITIES BEFORE COMMENCING WORK, AND AGREE TO BE FULLY RESPONSIBLE FOR ANY AND ALL DAMAGES WHICH MIGHT BE INCURRED BY THE CONTRACTOR'S FAILURE TO EXACTLY LOCATE AND PRESERVE ANY AND ALL UNDERGROUND UTILITIES.

### UTILITIES AND PUBLIC SERVICE CORPORATIONS:

THE CONTRACTOR SHALL NOTIFY AT LEAST TWO WORKING DAYS BEFORE BREAKING GROUND ALL PUBLIC SERVICE CORPORATION, REGISTERED UNDERGROUND UTILITY PROTECTION SERVICE MEMBERS AND/OR NON-MEMBER OWNERS HAVING WIRE, POLES, PIPES, CONDUITS, OR OTHER STRUCTURES THAT MAY BE AFFECTED BY THIS OPERATION.

THE CONTRACTOR SHALL CALL OHIO UTILITIES PROTECTION SERVICE 1-800-362-2764 BEFORE DIGGING.

### UTILITY COMPANY VERIFICATION

THE CONTRACTOR SHALL EXPOSE ALL UTILITIES OR STRUCTURES PRIOR TO CONSTRUCTION TO VERIFY THE VERTICAL AND HORIZONTAL LOCATION OF THE UTILITY OR STRUCTURE AND ITS EFFECT ON THE PROPOSED CONSTRUCTION. THE CONTRACTOR SHALL COORDINATE HIS WORK WITH THE UTILITY COMPANIES.

#### A. THE UTILITIES WITHIN THE LIMITS OF THIS PROJECT ARE:

- |    |  |     |   |
|----|--|-----|---|
| 1. | CITY OF CLYDE<br>CLYDE LIGHT & POWER<br>WATERTOWER DRIVE<br>CLYDE, OHIO 43410<br>(419)547-7742                 | 6.  | TOLEDO EDISON COMPANY<br>300 MADISON ST.<br>TOLEDO, OHIO 43652<br>(419) 665-2621                                |
| 2. | CITY OF CLYDE<br>ENVIRONMENTAL SERVICES<br>(WATER DISTRIBUTION &<br>SANITARY COLLECTION)<br>(419)547-9805      | 7.  | COLUMBIA GAS OF OHIO<br>1800 BROAD AVE.<br>FINDLAY, OHIO 45840<br>(419) 427-3226                                |
| 3. | CITY OF CLYDE<br>SERVICE DEPARTMENT<br>STREETS & STORM COLLECTION<br>(419)547-7419                             | 8.  | VERIZON<br>83 TOWNSEND AVE.<br>NORWALK, OHIO 44857  |
| 4. | CITY OF CLYDE<br>WATER TREATMENT PLANT<br>SOUTH MAIN ST.<br>CLYDE, OHIO 43410<br>(419)547-9805                 | 9.  | TIME WARNER<br>205 CRYSTAL AVENUE<br>FINDLAY, OHIO 45840<br>(419) 429-7431<br>JOE SHRIDER (JSHRIDER@TWCWOH.COM) |
| 5. | CITY OF CLYDE<br>WATER POLLUTION CONTROL PLANT<br>1749 W. McPHERSON HWY.<br>CLYDE, OHIO 43410<br>(419)547-9407 | 10. | JAMES R. MOYER<br>SANDUSKY COUNTY ENGINEER<br>2500 WEST STATE STREET<br>FREMONT, OHIO 43420<br>(419) 334-9731   |

## SANITARY SEWERS:

PIPE MATERIAL FOR SANITARY SEWERS SHALL BE PVC SDR 35 GRAVITY SEWER PIPE, (ASTM D-3034, D-3212) (REFER TO PLAN)

ALL SANITARY SEWERS MUST HAVE PREMIUM JOINTS AND THE ENTIRE SYSTEM MUST PASS BOTH AN EXFILTRATION AND AN INFILTRATION TEST AFTER CONSTRUCTION HAS BEEN COMPLETED. THE MAXIMUM ALLOWABLE RATE OF INFILTRATION AND EXFILTRATION SHALL BE 100 GAL. PER INCH DIAMETER OF SEWER PIPE PER MILE PER DAY.

NO SANITARY MANHOLES AND PREFERABLY NO SANITARY CONNECTIONS ARE TO BE CONSTRUCTED IN SIDEWALKS AND/OR DRIVEWAYS.

DEFLECTION TESTING , VIDEO TAPING AND AIR TESTING IN ACCORDANCE WITH ASTM F-1417 AND ASTM C-1244 SHALL BE REQUIRED.

CLEAN WATER CONNECTIONS TO THE SANITARY SEWER WILL NOT BE PERMITTED.

### OPEN TRENCHES

THE CONTRACTOR SHALL MAINTAIN TYPE 11. BARRICADES OR STANDARD TRAFFIC BARRELS AT 50-FOOT INTERVALS ALONG UNPROTECTED TRENCHES. ALL AREAS SHALL BE RETURNED TO NORMAL TRAFFIC CONDITIONS AT THE END OF EACH WORK DAY. FENCES MAY BE REQUIRED AT THE DISCRETION OF THE ENGINEER TO PROTECT PEDESTRIAN TRAFFIC.

### DITCHES

IF A SANITARY M.H. IS PLACED IN A DITCH, THE DITCH SHALL BE RELOCATED AROUND THE MANHOLE TO MAINTAIN FLOW IN THE DITCH.

## STORM SEWERS:

ALL FIELD TILE ENCOUNTERED SHALL BE TIED INTO STORM SEWER. ANY FIELD TILE INTERCEPTED BY OTHER EXCAVATIONS SHALL BE RECONNECTED.

LAMPING, DEFLECTION TESTING OR VIDEO TAPING SHALL BE REQUIRED.

## PAVEMENT NOTES

ALL PAVEMENT DETAILS, MATERIALS, AND WORKMANSHIP SHALL CONFORM TO THE LATEST STATE OF OHIO DEPARTMENT OF TRANSPORTATION "CONSTRUCTION AND MATERIALS SPECIFICATIONS", OR AS MODIFIED BY THE CONTRACT DRAWINGS OR THE SPECIFICATIONS. IN THE EVENT OF A DISCREPANCY, THE CONTRACT DRAWINGS SHALL SUPERSEDE THE ODOT SPECIFICATIONS.

TRAFFIC SHALL NOT BE EXPOSED TO LONGITUDINAL VERTICAL FACES DURING NON-WORKING HOURS.

TRANSVERSE VERTICAL FACES SHALL BE TEMPORARILY RAMPED A MINIMUM OF 10 FOOT IN LENGTH.

ALL CASTINGS SHALL BE ADJUSTED TO GRADE PRIOR TO THE PLACEMENT OF THE PAVEMENT.

ALL WATER METER MANHOLES AND VALVES SHALL BE ADJUSTED TO GRADE BY THE USE OF ADJUSTING RINGS.

## MAINTAINING TRAFFIC

THE CONTRACTOR SHALL FURNISH AND MAINTAIN ALL NECESSARY SAFEGUARDS SUCH AS BARRICADES, SATISFACTORY BARRIERS, LIGHTING, FLAG MEN, TEMPORARY GUARDRAIL, AND SUCH OTHER TRAFFIC CONTROL DEVICES AS PROVIDED IN OHIO DEPARTMENT OF TRANSPORTATION SPECIFICATIONS SO AS TO AVOID DAMAGE AND/OR INJURY TO VEHICLES AND PERSONS USING THE ROADWAY DURING CONSTRUCTION.

PAYMENT FOR LABOR AND EQUIPMENT REQUIRED FOR THE CONSTRICTION, MAINTENANCE AND SUBSEQUENT REMOVAL OF APPROACHES, CROSSOVERS, DRIVEWAYS, BARRICADES, LIGHTS, SIGNS, AND SIGN SUPPORTS, SHALL BE INCLUDED IN THE CONTRACT PRICE

ALL TRAFFIC CONTROL DEVICES SHALL BE FURNISHED, ERECTED, MAINTAINED, AND REMOVED BY THE CONTRACTOR IN ACCORDANCE WITH THE MANUAL OF UNIFORM TRAFFIC CONTROL DEVICES. A MINIMUM OF ALTERNATING ONE WAY TRAFFIC SHALL BE MAINTAINED AT ALL TIMES. THE CONTRACTOR SHALL UTILIZE FLAGGERS DURING LANE CLOSURES. TRAFFIC SHALL BE MAINTAINED, AS SHOWN IN O.D.OT. STANDARD CONSTRUCTION DRAWING MT-97.10.

ALL CITY STREETS SHALL HAVE A MINIMUM OF ONE 11' LANE MAINTAINED AT ALL TIMES. DRIVEWAYS SHALL BE MAINTAINED AT ALL TIMES TO ALLOW ACCESS BY LOCAL TRAFFIC.

THE CONTRACTOR SHALL BE RESPONSIBLE FOR ALL CONSTRUCTION SIGNING AND TRAFFIC CONTROL AS DIRECTED BY THE PLANS AND THE ENGINEER. ALL WORK, SIGN LAYOUTS, AND MATERIALS USED SHALL CONFORM TO THE SPECIFICATIONS SET FORTH IN THE OHIO MANUAL OF UNIFORM TRAFFIC CONTROL DEVICES.

THE CONTRACTOR SHALL BE RESPONSIBLE FOR TRAFFIC MAINTENANCE AND SAFETY CONTROL DEVICES DURING ALL CONSTRUCTION WORK AS PER THE OHIO MANUAL OF UNIFORM TRAFFIC CONTROL DEVICES.

STOP SIGNS, TRAFFIC CONTROL SIGNS, AND STREET IDENTIFICATION SIGNS SHALL BE INSTALLED BEFORE OPENING THE ROAD TO TRAFFIC AND THE FINAL INSPECTION OF THE PROJECT.

## SEEDING AND MULCHING

ALL SEEDING, FERTILIZING AND MULCHING SHALL BE PERFORMED IN ACCORDANCE WITH THE REQUIREMENTS OF ODOT ITEM 659.

THREE TYPES OF SEEDING ARE SET UP UNDER THIS CONTRACT:  
TYPE 1 - SWALE AND MINOR CHANNEL EASEMENTS.  
TYPE 2 - ALL EMBANKMENT, EASEMENTS, AND NEW ROADWAY AREAS.  
TYPE 3 - MAIN DRAINAGE EASEMENTS AND DETENTION AREAS.

### SEEDING MIXTURES

TYPE 1 - KENTUCKY BLUEGRASS - 40%  
CREEPING RED FESCUE - 40%  
PERENNIAL RYE GRASS - 20% 3#/1000 S.F.  
FERTILIZER 12 - 12 - 12 20#/1000 S.F.  
MULCH - 3 TONS/ACRE

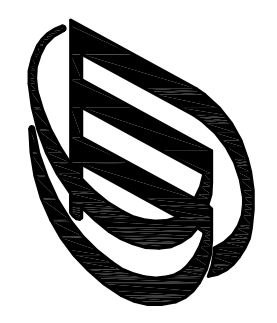
TYPE 2 - PERENNIAL RYE GRASS - 100% 2#/1000 S.F.  
FERTILIZER - 12 - 12 - 12 10#/1000 S.F.  
MULCH - 2 TONS/ACRE

TYPE 3 - CROWN VETCH - 40%  
PERENNIAL RYE GRASS - 60% 3#/1000 S.F.  
FERTILIZER - 12 - 12 - 12 20#/1000 S.F.  
MULCH - 2 TONS/ACRE

SEDIMENT CONTROL SHALL BE ACCOMPLISHED BY SEEDING, FERTILIZING AND MULCHING IMMEDIATELY UPON COMPLETION OF EXCAVATION OR FILL AND FINISHED GRADING IN ACCORDANCE WITH ITEM 659 OHIO DEPARTMENT OF TRANSPORTATION CONSTRUCTION AND MATERIAL SPECIFICATIONS AND/OR AS DIRECTED BY THE ENGINEER.

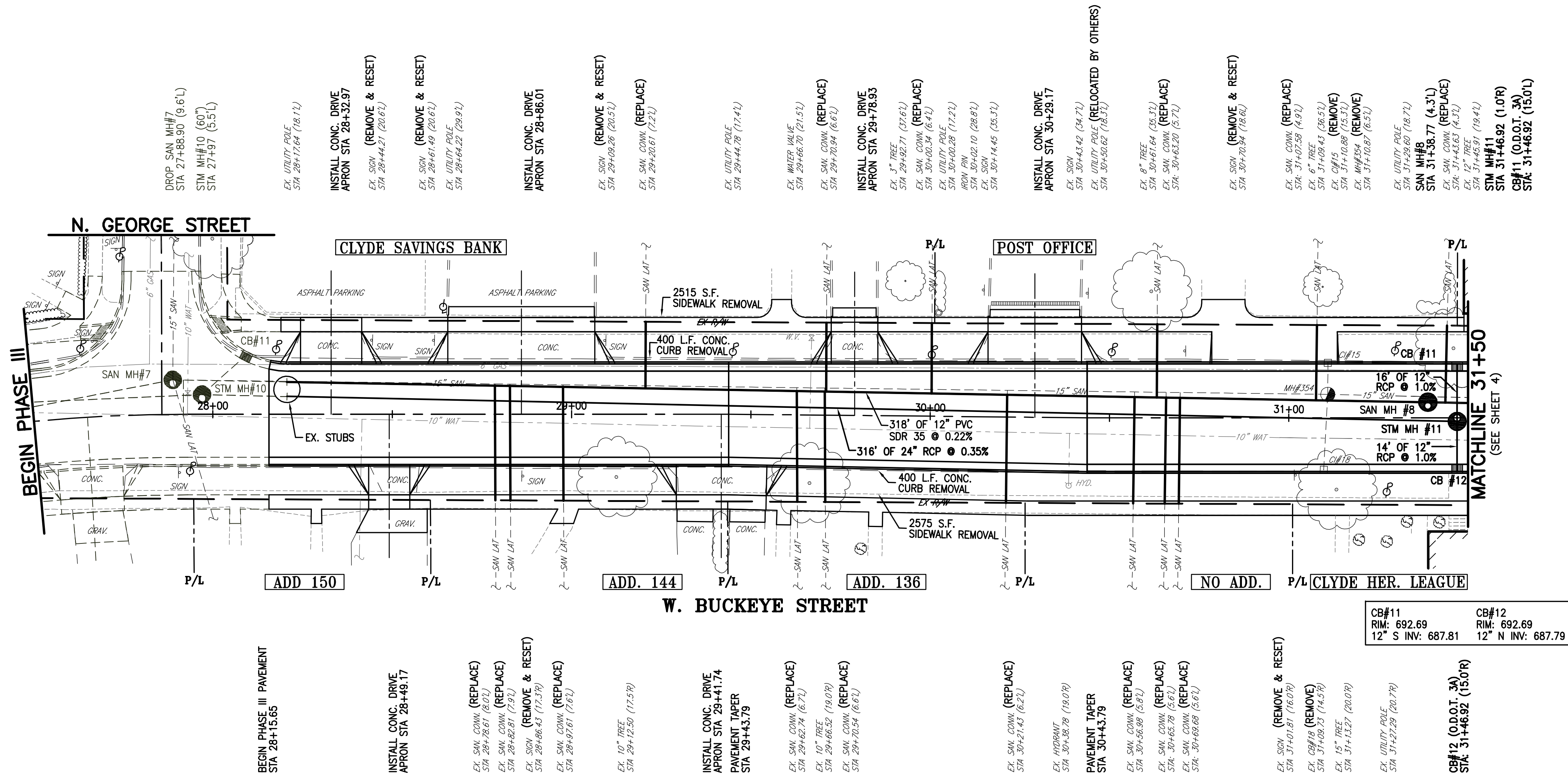
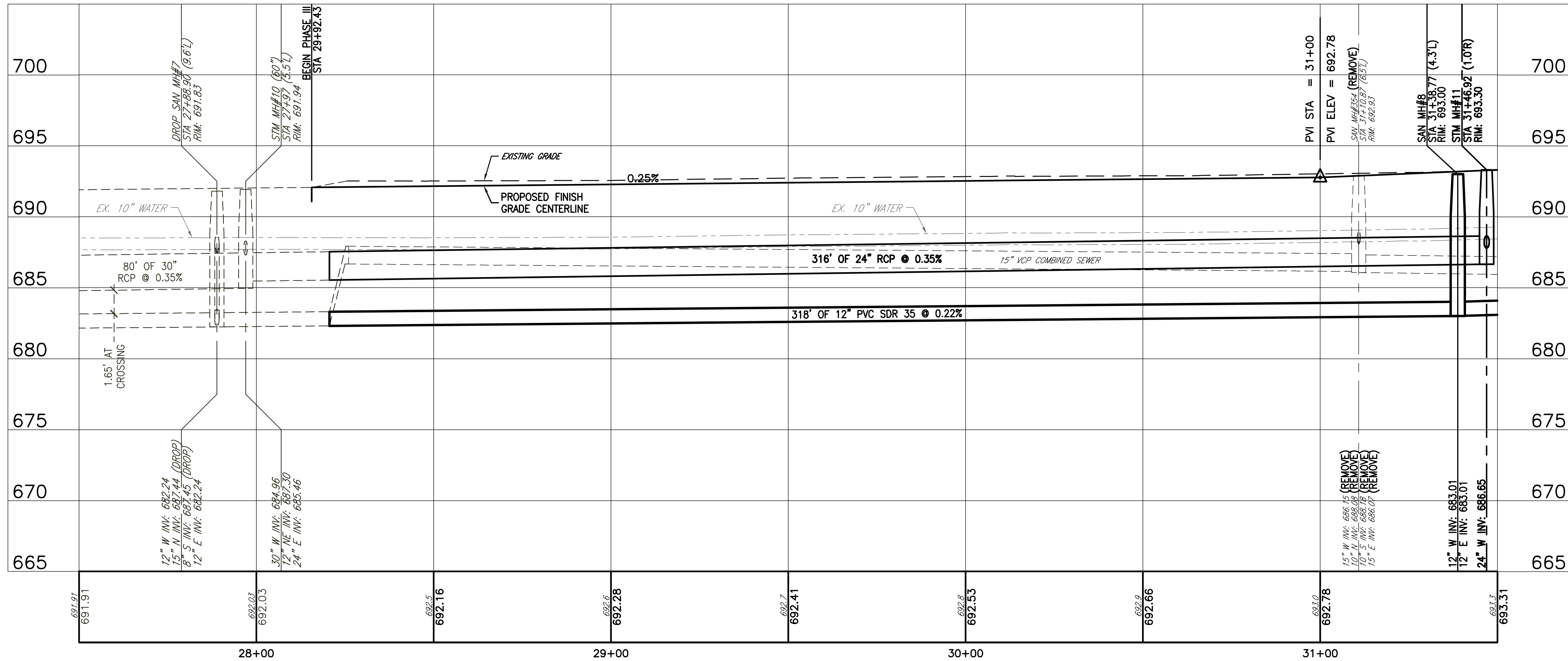
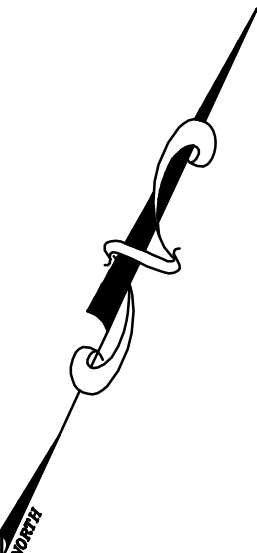
TYPE 2 SEEDING SHALL BE APPLIED WITHIN ALL UNDERGROUND UTILITY EASEMENTS AND/OR AREAS REQUIRING ONLY TEMPORARY SEEDING, AND SHALL BE PERFORMED AS SOON AS GRADING IS COMPLETED AND READY FOR RELEASE. NO RELEASE BEYOND 80% SHALL BE MADE FOR EARTHWORK ITEMS UNTIL SEDIMENT CONTROL IS IN PLACE TO PROTECT SAID WORK ITEMS.

ITEM 2800.2 SEEDING AND MULCHING SHALL APPLY TO THE ENTIRE PROJECT LENGTH.

|  |           |             |              |           |       |       |
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|           |           |             |              |           |       |       |
| CITY OF CLYDE<br>BUCKEYE STREET IMPROVEMENTS-PHASE 3<br>SANDUSKY COUNTY, OHIO<br>GENERAL NOTES |           |             |              |           |       |       |
| SCALES   | HOR.      | VER.        | CONTRACT NO. | SHEET NO. | OF    |       |
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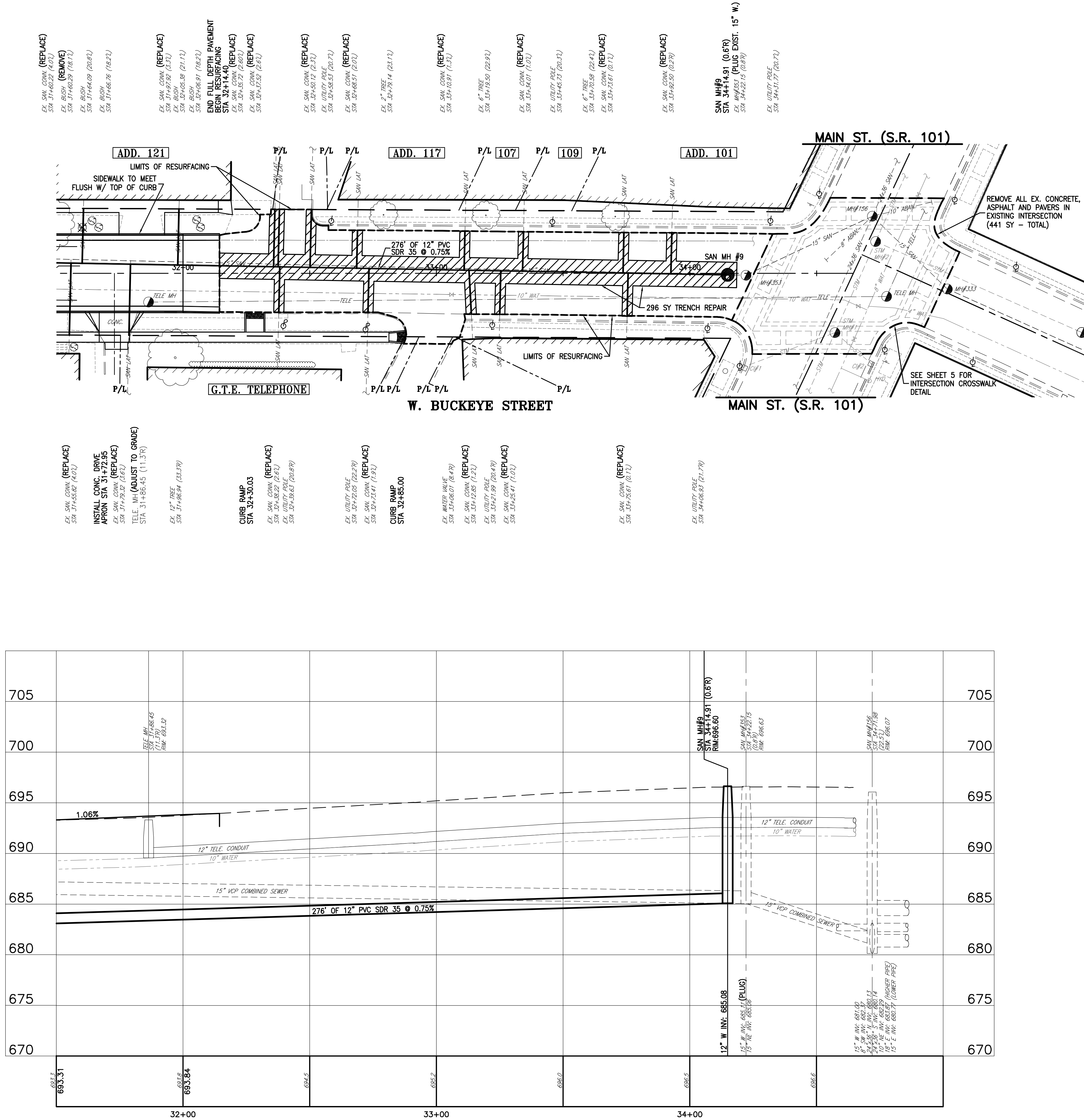
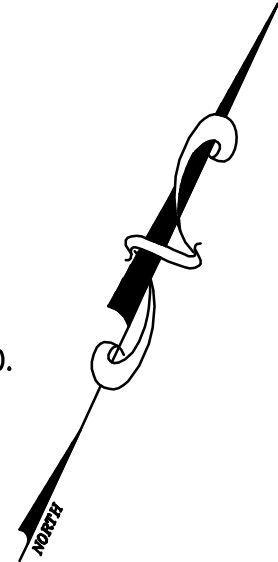
NOTES:

1. A MARKED TEE SHALL BE LEFT ON THE 6" UNDERDRAIN AT EACH PROPERTY FOR FUTURE STORM CONNECTIONS.
2. ALL EXISTING SANITARY SEWER LATERALS SHALL BE REPLACED TO THE RIGHT OF WAY AND RECONNECTED TO THE EXISTING LATERAL, WITH A NEW CLEANOUT INSTALLED AT THE RIGHT OF WAY.
3. THE EXISTING VCP SANITARY SEWER SHALL BE REMOVED AS THE NEW SANITARY SEWER IS INSTALLED.
4. EXISTING UTILITY AND LIGHT POLES CALLED OUT "TO BE RELOCATED", SHALL BE RELOCATED BY OTHERS.
5. ALL SANITARY LATERALS SHALL BE PLACED AT LEAST 18" BELOW THE EXISTING WATERLINE.



NOTES:

1. A MARKED TEE SHALL BE LEFT ON THE 6" UNDERDRAIN AT EACH PROPERTY FOR FUTURE STORM CONNECTIONS.
2. ALL EXISTING SANITARY SEWER LATERALS SHALL BE REPLACED TO THE RIGHT OF WAY AND RECONNECTED TO THE EXISTING LATERAL, WITH A NEW CLEANOUT INSTALLED AT THE RIGHT OF WAY.  
  
SANITARY LATERALS FROM STA: 32+00 TO 34+00 ARE TO BE REPLACED TO THE EDGE OF PAVEMENT ONLY WITH NO CLEANOUT INSTALLED.
3. THE EXISTING VCP SANITARY SEWER SHALL BE REMOVED AS THE NEW SANITARY SEWER IS INSTALLED.
4. EXISTING UTILITY AND LIGHT POLES CALLED OUT "TO BE RELOCATED", SHALL BE RELOCATED BY OTHERS.
5. ALL SANITARY LATERALS SHALL BE PLACED AT LEAST 18" BELOW THE EXISTING WATERLINE.



| SCALES |        | CITY OF CLYDE |  | BUCKEYE STREET IMPROVEMENTS-PHASE 3 |  | SANDUSKY COUNTY, OHIO |  | PLAN & PROFILE |  | DATE:        |       |
|--------|--------|---------------|--|-------------------------------------|--|-----------------------|--|----------------|--|--------------|-------|
| HOR.   | 1"=20' |               |  |                                     |  |                       |  |                |  | DATE:        | TM    |
| VER.   | 1"=5'  |               |  |                                     |  |                       |  |                |  | CHECKED BY:  |       |
|        |        |               |  |                                     |  |                       |  |                |  | APPROVED BY: | PG.   |
|        |        |               |  |                                     |  |                       |  |                |  | F.B. No.     |       |
|        |        |               |  |                                     |  |                       |  |                |  | FILE:        |       |
|        |        |               |  |                                     |  |                       |  |                |  | PLOT         | 1 = 1 |

