

Scioto Park Restroom Replacement

7377 RIVERSIDE DR.
DUBLIN, OH 43016

CONSTRUCTION DOCUMENTS
BID SET - 09.12.13

G13 LOCATION MAP
1" = 200'-0"

GENERAL NOTES

- G1. ALL DIMENSIONS MUST BE VERIFIED ON THE JOB AND THE ARCHITECT MUST BE NOTIFIED OF ANY DISCREPANCIES BEFORE PROCEEDING WITH THE WORK. DO NOT SCALE DRAWINGS.
- G2. DIMENSIONS ARE WITNESSED TO FACE OF STUD UNLESS OTHERWISE NOTED.
- G3. COORDINATE LOCATIONS AND ELEVATIONS OF FLOOR DRAINS, REGISTERS, GRILLES, LOUVERS, CONVECTORS, CABINET UNIT HEATERS, PANELS, ETC. WITH MECHANICAL AND ELECTRICAL CONTRACTORS.
- G4. COORDINATE WORK BETWEEN ARCHITECTURAL AND DOCUMENTS FROM ALL VARIOUS DESIGN DISCIPLINES. ARCHITECT MUST BE NOTIFIED OF ANY DISCREPANCIES BEFORE PROCEEDING WITH THE WORK.
- G5. ALL DIMENSIONS AND TIE-INS BY OTHER TRADES MUST BE FIELD VERIFIED BY INSTALLING CONTRACTOR.
- G6. COORDINATE FLOOR AND WALL OPENINGS AND ROOF PENETRATIONS WITH INSTALLING TRADE.
- G7. COORDINATE AND PROVIDE BLOCKING/BACKING IN PARTITIONS BEHIND ALL WALL MOUNTED ITEMS. ALL CONCEALED WOOD TO BE FIRE TREATED.
- G8. ATTACHMENTS, CONNECTIONS OR FASTENINGS OF ALL NATURE ARE TO BE PROPERLY AND PERMANENTLY SECURED IN CONFORMANCE WITH BEST INDUSTRY STANDARD PRACTICE. THE DRAWINGS SHOW ONLY SELECT CONDITIONS TO ASSIST CONTRACTOR. THEY ARE NOT INTENDED TO ILLUSTRATE EVERY DETAIL.
- G9. ALL EXPOSED WOOD TO BE CLASS C WITH FLAMESPREAD OF 76-200 AND SMOKE DEVELOPED OF 0-450.
- G10. WALKING SURFACE TO HAVE A STATIC COEFFICIENT OF FRICTION NOT LESS THAN SCHEDULED BELOW (WET AND DRY) WHEN TESTED BY ASTM C 1028, LEVEL SURFACES 0.60, SLOPED SURFACES (RAMPS) 0.80.
- G11. ALL EXTERIOR EXPOSED METAL SURFACES TO BE GALVANIZED UNLESS SPECIFIED OTHERWISE.
- G12. CONTRACTOR TO COORDINATE ALL BUILDING SYSTEM REQUIREMENTS FOR ALL SAFETY PRECAUTIONS INCLUSIVE OF ALL ELECTRICAL ARC FLASHING REQUIREMENTS.
- G13. THERE ARE HIGH BEDROCK AREAS ON THE SITE. CONTRACTOR TO ACCOUNT FOR THIS IN EXCAVATION FOR NEW CONSTRUCTION.

BUILDING CODE INFORMATION

Project address:
7377 Riverside Drive
Dublin, OH 43016

Description of work:

The scope of work includes replacement of an existing park restroom building with a new building to house ADA/ANSI 117.1 compliant restrooms, & storage/maintenance.

Building Planning

Referenced Standards:
Ohio Building Code (OBC 2011)
Ohio Mechanical Code (OMC 2011)
Ohio Plumbing Code (OPC 2011)
Ohio Fire Code (OFC 2009)
National Fire Protection Associations (NFPA) ADA 2010

Chapter 3 Occupancy Description

Public Restroom, Storage Use Group B

Mixed Use: Yes No

Chapter 5 Type of Construction

Actual Area	Allowable Area (503.3)
Actual Building Footprint 697 sf	Tabular Area (Table 503) 9,000 sf
Actual Building Height 17'-8"	Allowable Building Height 40'
Number of Stories 1	Allowable Stories 2
Type of Construction VB	

Chapter 10 Means of Egress

Occupant Load	Floor area	Allowable Occ./sf.	Occupant Load
Ground Floor			
Men's RR	202 sf	1/100 sf	3
Women's RR	202 sf	1/100 sf	3
Maintenance	185 sf	1/100 sf	2
Total Calculated Occupant Load:			8

Chapter 29 Plumbing Fixtures

	Water Closets M	Water Closets F	Lavatories	Drinking Fountains	Service Sink
Existing:	2	2	0	0	0
Proposed:	1 WC + 2 Urinals	3	1 per sex	2*	1

*2 drinking fountain & 1 bottle filler.

OWNER



PARKS & OPEN SPACE DEPT.
5200 EMERALD PARKWAY
DUBLIN, OH 43017
TEL: (614) 410 4400

ARCHITECT OF RECORD



232 N. THIRD STREET, SUITE 300
COLUMBUS, OH 43215
TEL: (614) 221 9433
FAX: (614) 221 9441

CIVIL ENGINEER



422 BEECHER RD.
GAHANNA, OH 43230
TEL: (614) 428 7750
FAX: (614) 428 7755

DRAWING INDEX

#	DRAWING
COVER	COVER SHEET, CODE INFORMATION, SITE PLAN
G-001	ACCESSIBILITY INFORMATION
C-1	TITLE SHEET & GENERAL NOTES
C-2	GENERAL NOTES & DETAILS
C-3	SITE GRADING & CONSTRUCTION PLAN
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A-102	WALL SECTIONS & DETAILS
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GRAPHICS LEGEND

	BUILDING SECTION INDICATOR SHEET ON WHICH BUILDING SECTION APPEARS		SECTION DETAIL INDICATOR SHEET ON WHICH DETAIL APPEARS		WINDOW INDICATOR. SEE WINDOW SCHEDULE
	WALL SECTION INDICATOR SHEET ON WHICH DETAIL APPEARS		ENLARGED PLAN INDICATOR. SHEET ON WHICH ENLARGED PLAN APPEARS.		INTERIOR WALL TYPE INDICATOR. SEE SCHEDULE
	EXTERIOR ELEVATION INDICATOR SHEET ON WHICH ELEVATION APPEARS		KEY NOTES		FINISH / ACCESSORIES REFERENCE NUMBER
			DOOR INDICATOR. SEE DOOR SCHEDULE		INTERIOR ELEVATION INDICATOR SHEET ON WHICH ELEVATION APPEARS

A8 PARTIAL SITE DEMOLITION PLAN
1" = 30'-0"

A1 SITE PLAN
1" = 30'-0"

Meyers+associates
 ARCHITECTURE
 232 N. THIRD STREET, SUITE 300, COLUMBUS, OH 43215
 TEL: (614) 221 9433 FAX: (614) 221 9441 www.meyersarchitects.com

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DESCRIPTION	DATE
PERMIT SET	03.08.13
REVISION 01	04.26.13
REVISION 02	05.31.13
REVISION 03	06.19.13
REVISION 04	08.19.13
BID SET	09.12.13

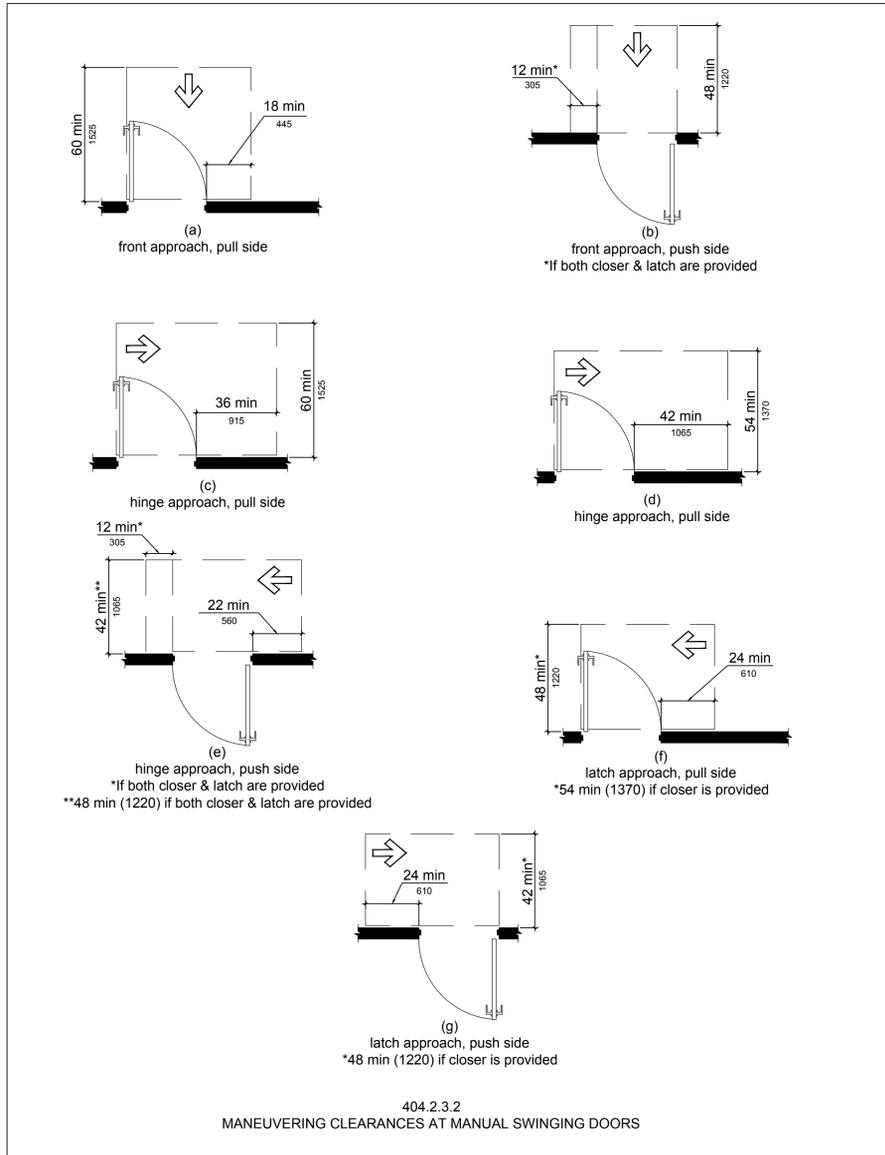
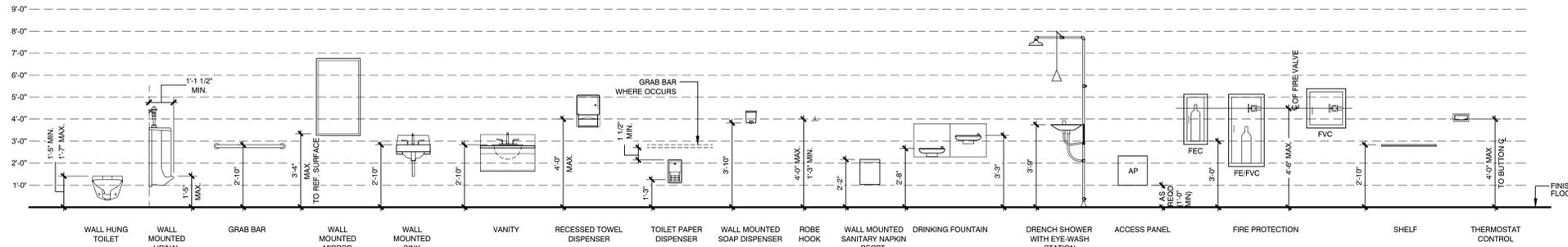
COVER
 PROJECT TITLE
SCIO TO PARK RESTROOM REPLACEMENT
 7377 RIVERSIDE DRIVE
 DUBLIN, OH 43016

Christopher Meyers, License #9912445
Expiration Date 12/31/2013

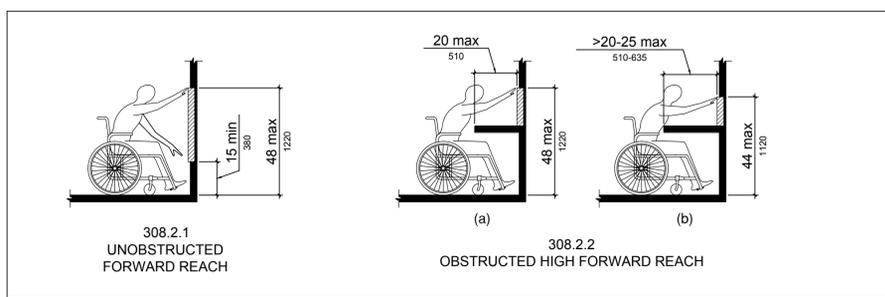
MEYERS+ASSOCIATES PROJECT NUMBER:
2012-23

SHEET NUMBER

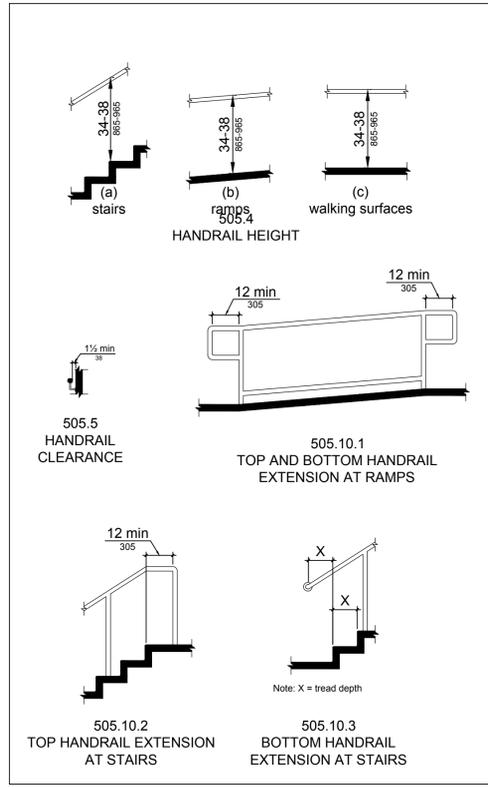
MOUNTING HEIGHTS
(NOT ALL APPLY)



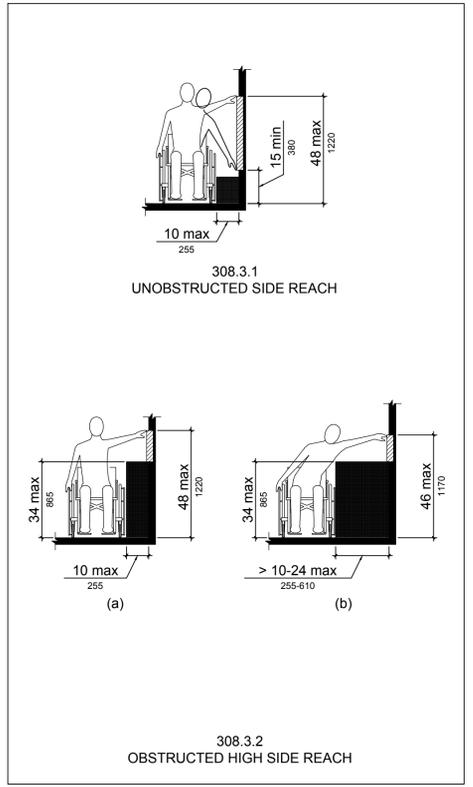
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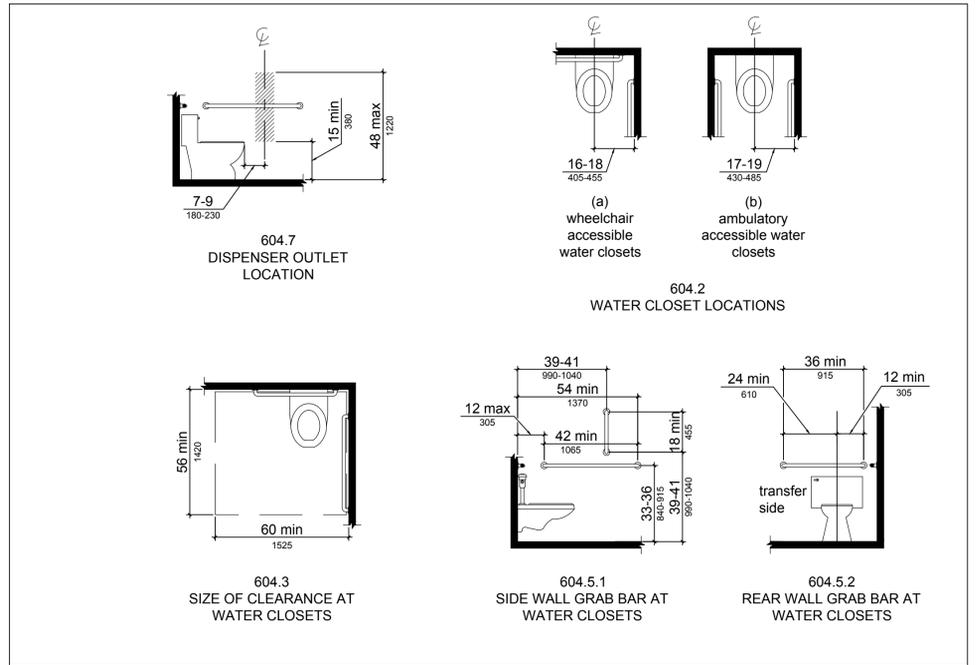
FORWARD REACH



HANDRAILS



SIDE REACH



WATER CLOSETS

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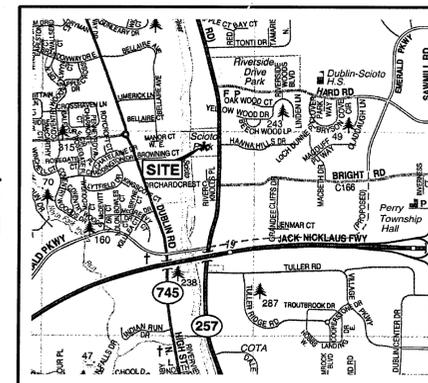
CITY OF DUBLIN, OHIO

SCIOTO PARK

PRIVATE SITE DEVELOPMENT PLAN

7377 RIVERSIDE DRIVE

2013



LOCATION MAP
NO SCALE

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OWNER/DEVELOPER

CITY OF DUBLIN
5200 EMERALD PARKWAY
DUBLIN, OHIO 43017
(614) 410-4550

GENERAL NOTES

1. CITY OF COLUMBUS AND OHIO DEPARTMENT OF TRANSPORTATION CONSTRUCTION AND MATERIAL SPECIFICATIONS, CURRENT EDITIONS, AND ANY SUPPLEMENTS THERETO (HEREAFTER REFERRED TO AS STANDARD SPECIFICATIONS), SHALL GOVERN ALL CONSTRUCTION ITEMS UNLESS OTHERWISE NOTED. IF A CONFLICT BETWEEN SPECIFICATIONS IS FOUND, THE MORE STRICT SPECIFICATION WILL APPLY AS DECIDED BY THE CITY ENGINEER. ITEM NUMBERS LISTED REFER TO CITY OF COLUMBUS ITEM NUMBERS UNLESS OTHERWISE NOTED.
2. THE CITY ENGINEER WILL NOT BE RESPONSIBLE FOR MEANS, METHODS, PROCEDURES, TECHNIQUES, OR SEQUENCES OF CONSTRUCTION THAT ARE NOT SPECIFIED HEREIN. THE CITY ENGINEER WILL NOT BE RESPONSIBLE FOR SAFETY ON THE WORK SITE, OR FOR FAILURE BY THE CONTRACTOR TO PERFORM WORK ACCORDING TO CONTRACT DOCUMENTS.
3. THE DEVELOPER OR CONTRACTOR SHALL BE RESPONSIBLE TO OBTAIN ALL NECESSARY PERMITS INCLUDING BUT NOT LIMITED TO OHIO EPA PERMITS TO INSTALL (PTI) AND NOTICES OF INTENT (NOI), BUILDING PERMITS, ETC.
4. THE CONTRACTOR SHALL NOTIFY THE CITY OF DUBLIN DIVISION OF ENGINEERING IN WRITING AT LEAST 3 WORKING DAYS PRIOR TO BEGINNING CONSTRUCTION.
5. THE CONTRACTOR SHALL BE SOLELY RESPONSIBLE FOR COMPLYING WITH ALL FEDERAL, STATE AND LOCAL SAFETY REQUIREMENTS INCLUDING THE OCCUPATIONAL SAFETY AND HEALTH ACT OF 1970. THE CONTRACTOR SHALL EXERCISE PRECAUTION ALWAYS FOR THE PROTECTION OF PERSONS (INCLUDING EMPLOYEES) AND PROPERTY. IT SHALL ALSO BE THE SOLE RESPONSIBILITY OF THE CONTRACTOR TO INITIATE, MAINTAIN AND SUPERVISE ALL SAFETY REQUIREMENTS, PRECAUTIONS AND PROGRAMS IN CONNECTION WITH THE WORK, INCLUDING THE REQUIREMENTS FOR CONFINED SPACES PER 29 CFR 1910.146.
6. FOLLOWING COMPLETION OF CONSTRUCTION OF THE SITE IMPROVEMENTS AND BEFORE REQUESTING OCCUPANCY, A PROOF SURVEY SHALL BE PROVIDED TO THE DIVISION OF ENGINEERING THAT DOCUMENTS "AS-BUILT" ELEVATIONS, DIMENSIONS, SLOPES AND ALIGNMENTS OF ALL ELEMENTS OF THIS PROJECT. THE PROOF SURVEY SHALL BE PREPARED, SIGNED AND SUBMITTED BY THE PROFESSIONAL ENGINEER WHO SEALED THE CONSTRUCTION DRAWINGS.
7. DELETED
8. THE CONTRACTOR SHALL CAREFULLY PRESERVE BENCHMARKS, PROPERTY CORNERS, REFERENCE POINTS, STAKES AND OTHER SURVEY REFERENCE MONUMENTS OR MARKERS. IN CASES OF WILLFUL OR CARELESS DESTRUCTION, THE CONTRACTOR SHALL BE RESPONSIBLE FOR RESTORATIONS. RESETTLEMENT OF MARKERS SHALL BE PERFORMED BY AN OHIO PROFESSIONAL SURVEYOR AS APPROVED BY THE CITY ENGINEER.
9. NON RUBBER Tired VEHICLES SHALL NOT BE MOVED ON OR ACROSS PUBLIC STREETS OR HIGHWAYS WITHOUT THE WRITTEN PERMISSION OF THE CITY ENGINEER.
10. THE CONTRACTOR SHALL RESTORE ALL DISTURBED AREAS TO EQUAL OR BETTER CONDITION THAN EXISTED BEFORE CONSTRUCTION. DRAINAGE DITCHES OR WATERCOURSES THAT ARE DISTURBED BY CONSTRUCTION SHALL BE RESTORED TO THE GRADES AND CROSS-SECTIONS THAT EXISTED BEFORE CONSTRUCTION.
11. TRACKING OR SPILLING MUD, DIRT OR DEBRIS UPON STREETS, RESIDENTIAL OR COMMERCIAL DRIVES, SIDEWALKS OR BIKE PATHS IS PROHIBITED ACCORDING TO SECTION 97.38 OF THE DUBLIN CODE OF ORDINANCES. ANY SUCH OCCURRENCE SHALL BE CLEANED UP IMMEDIATELY BY THE CONTRACTOR AT NO COST TO THE CITY. IF THE CONTRACTOR FAILS TO REMOVE SAID MUD, DIRT, DEBRIS, OR SPILLAGE, THE CITY RESERVES THE RIGHT TO REMOVE THESE MATERIALS AND CLEAN AFFECTED AREAS, THE COST OF WHICH SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR.
12. DISPOSAL OF EXCESS EXCAVATION WITHIN SPECIAL FLOOD HAZARD AREAS (100-YEAR FLOODPLAIN) IS NOT PERMITTED.
13. ALL SIGNS, LANDSCAPING, STRUCTURES OR OTHER APPURTENANCES WITHIN RIGHT-OF-WAY DISTURBED OR DAMAGED DURING CONSTRUCTION SHALL BE REPLACED OR REPAIRED TO THE SATISFACTION OF THE CITY ENGINEER. THE COST OF THIS WORK SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR.
14. ALL FIELD TILE BROKEN OR ENCOUNTERED DURING EXCAVATION SHALL BE REPLACED OR REPAIRED AND CONNECTED TO THE PUBLIC STORM SEWER SYSTEM AS DIRECTED BY THE CITY ENGINEER. THE COST OF THIS WORK SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR.
15. ALL PRECAST CONCRETE PRODUCTS SHALL BE INSPECTED AT THE LOCATION OF MANUFACTURE. APPROVED PRECAST CONCRETE PRODUCTS WILL BE STAMPED OR HAVE SUCH IDENTIFICATION NOTING THAT INSPECTION HAS BEEN CONDUCTED BY THE CITY OF COLUMBUS. PRECAST CONCRETE PRODUCTS WITHOUT PROOF OF INSPECTION SHALL NOT BE APPROVED FOR INSTALLATION.
16. BACKFILL WITHIN A 1:1 INFLUENCE LINE OF EXISTING STRUCTURES (HOUSES, GARAGES, ETC.) OR PUBLIC INFRASTRUCTURE (PAVEMENT, CURBS, SIDEWALKS, BIKE PATHS, ETC.) SHALL BE COMPACTED GRANULAR BACKFILL ACCORDING TO ITEM 912 OF THE STANDARD SPECIFICATIONS OR FLOWABLE CDF, TYPE III ACCORDING TO ITEM 636, ITEM 911 OF THE STANDARD SPECIFICATIONS SHALL BE USED ELSEWHERE.
17. THE CONTRACTOR SHALL SUBMIT A COPY OF THE APPROVED CONSTRUCTION DRAWINGS AND A LIST OF PROPOSED PRECAST CONCRETE PRODUCT MANUFACTURERS TO THE CITY OF COLUMBUS CONSTRUCTION INSPECTION DIVISION BEFORE COMMENCING CONSTRUCTION.

- SEND THE INFORMATION TO THE FOLLOWING ADDRESS:
- CONSTRUCTION INSPECTION DIVISION
CITY OF COLUMBUS
1800 EAST 17TH AVENUE
COLUMBUS, OHIO 43219
- SEND A COPY OF THE TRANSMITTAL LETTER TO THE FOLLOWING ADDRESS:
- DIVISION OF ENGINEERING
CITY OF DUBLIN
5800 SHIER RINGS ROAD
DUBLIN, OHIO 43016
18. ALL TRENCHES WITHIN PUBLIC RIGHT-OF-WAY SHALL BE BACKFILLED ACCORDING TO THE APPROVED CONSTRUCTION DRAWINGS OR SECURELY PLATED DURING NONWORKING HOURS. TRENCHES OUTSIDE THESE AREAS SHALL BE BACKFILLED OR SHALL BE PROTECTED BY APPROVED TEMPORARY FENCING OR BARRICADES DURING NONWORKING HOURS. CLEAN UP SHALL FOLLOW CLOSELY BEHIND THE TRENCHING OPERATION.
 19. ALL TREES WITHIN THE CONSTRUCTION AREA NOT SPECIFICALLY DESIGNATED FOR REMOVAL SHALL BE PRESERVED, WHETHER SHOWN OR NOT SHOWN ON THE APPROVED CONSTRUCTION DRAWINGS. TREES TO BE PRESERVED SHALL BE PROTECTED WITH HIGH VISIBILITY FENCING PLACED A MINIMUM 15 FEET FROM THE TREE TRUNK. TREES 6 - 10 INCHES OR GREATER AT DBH (DIAMETER BREAST HEIGHT) MUST BE PROTECTED WITH FENCING PLACED AT THE CRITICAL ROOT ZONE OR 15 FEET, WHICHEVER IS GREATER. TREES NOT INDICATED ON THE APPROVED CONSTRUCTION DRAWINGS FOR REMOVAL MAY NOT BE REMOVED WITHOUT PRIOR APPROVAL OF THE DIVISION OF ENGINEERING.
 20. DELETED
 21. DELETED
 22. PAVEMENTS SHALL BE CUT IN NEAT, STRAIGHT LINES THE FULL DEPTH OF THE EXISTING PAVEMENT, OR AS REQUIRED BY THE CITY ENGINEER. PAVEMENT REPLACEMENT SHALL BE CONDUCTED ACCORDING TO CITY OF COLUMBUS STANDARD DRAWING 1441 DR. A AND APPLICABLE CITY OF DUBLIN STANDARD DRAWINGS. THE REPLACEMENT OF DRIVEWAYS, HANDICAPPED RAMPS, SIDEWALKS, BIKE PATHS, PARKING LOT PAVEMENT, ETC. SHALL BE PROVIDED ACCORDING TO THE APPROVED CONSTRUCTION DRAWINGS AND CITY OF DUBLIN STANDARD CONSTRUCTION DRAWINGS.
 23. DELETED
 24. ANY MODIFICATION TO THE WORK SHOWN ON DRAWINGS MUST HAVE PRIOR WRITTEN APPROVAL BY THE CITY ENGINEER, CITY OF DUBLIN.
 25. ALL INLETS SHALL BE CHANNELIZED.
 26. PARK AREAS SHALL BE FINE-GRADED AND SEEDED WITH THE FOLLOWING MIXTURE:
IMPROVED KENTUCKY BLUEGRASS: 40% OF WEIGHT (2 VARIETIES IN EQUAL PARTS)
IMPROVED PERENNIAL RYE: 60% OF WEIGHT (2 VARIETIES IN EQUAL PARTS)
GERMINATION RATE: 85%
APPLICATION RATE: 7 LBS PER 1000 SQ FT OR AS DIRECTED BY THE DIVISION OF PARKS AND RECREATION, CITY OF DUBLIN, OHIO.
 27. TRAFFIC CONTROL AND OTHER REGULATORY SIGNS SHALL BE TYPE S WITH A SQUARE POST ANCHOR BASE INSTALLATION AND MEET ALL REQUIREMENTS OF ODOT TC-41.20 AND APPLICABLE CITY OF DUBLIN SPECIFICATIONS.
 28. DELETED

UTILITIES

1. THE FOLLOWING UTILITIES ARE KNOWN TO BE LOCATED WITHIN THE LIMITS OF THIS PROJECT:
AMERICAN ELECTRIC POWER
COLUMBIA GAS
SBC
2. THE CONTRACTOR SHALL GIVE NOTICE OF INTENT TO CONSTRUCT TO OHIO UTILITIES PROTECTION SERVICE (TELEPHONE NUMBER 800-362-2764), PRODUCER'S UNDERGROUND PROTECTION SERVICE (TELEPHONE NUMBER 614-587-0486), AND TO OWNERS OF UNDERGROUND UTILITIES THAT ARE NOT MEMBERS OF A REGISTERED UNDERGROUND PROTECTION SERVICE. NOTICE SHALL BE GIVEN AT LEAST 2 WORKING DAYS BEFORE START OF CONSTRUCTION.
3. THE IDENTITY AND LOCATIONS OF EXISTING UNDERGROUND UTILITIES IN THE CONSTRUCTION AREA HAVE BEEN SHOWN ON THE APPROVED CONSTRUCTION DRAWINGS AS ACCURATELY AS PROVIDED BY THE OWNER OF THE UNDERGROUND UTILITY. THE CITY OF DUBLIN AND THE CITY ENGINEER ASSUMES NO RESPONSIBILITY FOR THE ACCURACY OR DEPTHS OF UNDERGROUND FACILITIES SHOWN ON THE APPROVED CONSTRUCTION DRAWINGS. IF DAMAGE IS CAUSED, THE CONTRACTOR SHALL BE RESPONSIBLE FOR REPAIR OF THE SAME AND FOR ANY RESULTING CONTINGENT DAMAGE.
4. LOCATION, SUPPORT, PROTECTION AND RESTORATION OF ALL EXISTING UTILITIES AND APPURTENANCES, WHETHER SHOWN OR NOT SHOWN ON THE APPROVED CONSTRUCTION DRAWINGS, SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR.
5. WHEN UNKNOWN OR INCORRECTLY LOCATED UNDERGROUND UTILITIES ARE ENCOUNTERED DURING CONSTRUCTION, THE CONTRACTOR SHALL IMMEDIATELY NOTIFY THE OWNER AND THE CITY ENGINEER.
6. PUBLIC STREET LIGHTING MAY BE IN THE VICINITY OF THIS PROJECT. CONTACT THE CITY OF DUBLIN, DIVISION OF ENGINEERING AT 410-4637, TWO DAYS PRIOR TO BEGINNING WORK.

TRAFFIC CONTROL

1. TRAFFIC CONTROL SHALL BE FURNISHED, ERECTED, MAINTAINED, AND REMOVED BY THE CONTRACTOR ACCORDING TO OHIO MANUAL OF UNIFORM TRAFFIC CONTROL DEVICES (OMUTCD), CURRENT EDITION.

2. ALL TRAFFIC LANES OF PUBLIC ROADWAYS SHALL BE FULLY OPEN TO TRAFFIC FROM 7:00 AM TO 9:00 AM AND FROM 4:00 PM TO 6:00 PM UNLESS AUTHORIZED DIFFERENTLY BY THE CITY ENGINEER. AT ALL OTHER HOURS THE CONTRACTOR SHALL MAINTAIN MINIMUM ONE-LANE TWO-WAY TRAFFIC. UNIFORMED, OFF-DUTY POLICE OFFICERS SHALL REPLACE FLAGMEN DESIGNATED BY THE OMUTCD, AND SHALL BE PRESENT WHENEVER ONE-LANE, TWO-WAY TRAFFIC CONTROL IS IN EFFECT. POLICE CRUISERS MAY BE REQUIRED AS DIRECTED BY THE CITY ENGINEER.
3. IF THE CITY ENGINEER DETERMINES THAT THE CONTRACTOR IS NOT PROVIDING PROPER PROVISIONS FOR TRAFFIC CONTROL, THE CITY ENGINEER SHALL ASSIGN UNIFORMED, OFF-DUTY POLICE OFFICERS TO THE PROJECT AT NO COST TO THE CITY.
4. STEADY-BURNING, TYPE "C" LIGHTS SHALL BE REQUIRED ON ALL BARRICADES, DRUMS, AND SIMILAR TRAFFIC CONTROL DEVICES IN USE AT NIGHT.
5. ACCESS FROM PUBLIC ROADWAYS TO ALL ADJOINING PROPERTIES FOR EXISTING RESIDENTS OR BUSINESSES SHALL BE MAINTAINED THROUGHOUT THE DURATION OF THE PROJECT FOR MAIL, PUBLIC WATER AND SANITARY SEWER SERVICE, AND EMERGENCY VEHICLES. THE CONTRACTOR SHALL PROVIDE A TRAFFIC CONTROL PLAN DETAILING THE PROPOSED MAINTENANCE OF TRAFFIC PROCEDURES. THE TRAFFIC CONTROL PLAN MUST INCORPORATE ANY TRAFFIC CONTROL DETAILS CONTAINED HEREIN. THE TRAFFIC CONTROL PLAN PROPOSED BY THE CONTRACTOR MUST BE APPROVED BY THE CITY ENGINEER PRIOR TO CONSTRUCTION.

EROSION AND SEDIMENT CONTROL

1. DELETED
2. THE CONTRACTOR SHALL PROVIDE SEDIMENT CONTROL AT ALL POINTS WHERE STORM WATER RUNOFF LEAVES THE PROJECT, INCLUDING WATERWAYS, OVERLAND SHEET FLOW, AND STORM SEWERS.
3. ACCEPTED METHODS OF PROVIDING EROSION/SEDIMENT CONTROL INCLUDE BUT ARE NOT LIMITED TO: SEDIMENT BASINS, SILT FILTER FENCE, AGGREGATE CHECK DAMS, AND TEMPORARY GROUND COVER. HAY OR STRAW BALES ARE NOT PERMITTED.
4. THE CONTRACTOR SHALL PROVIDE ADEQUATE DRAINAGE OF THE WORK AREA AT ALL TIMES CONSISTENT WITH EROSION CONTROL PRACTICES.
5. DISTURBED AREAS THAT WILL REMAIN UNWORKED FOR 30 DAYS OR MORE SHALL BE SEEDED OR PROTECTED WITHIN SEVEN CALENDAR DAYS OF THE DATE THAT OTHER SEEDING OR PROTECTIVE MEASURES SHALL BE MAINTAINED UNTIL VEGETATIVE GROWTH HAS BEEN ESTABLISHED. THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE REMOVAL OF ALL TEMPORARY SEDIMENT DEVICES AT THE CONCLUSION OF CONSTRUCTION BUT NOT BEFORE GROWTH OF PERMANENT GROUND COVER.

BLASTING (IF PERMITTED)

1. DELETED
2. DELETED
3. THE MINIMUM REQUIREMENTS FOR SANITARY SEWER PIPE WITH DIAMETERS 15 INCHES AND SMALLER SHALL BE REINFORCED CONCRETE PIPE ASTM C76 CLASS 3, OR PVC SEWER PIPE ASTM D3034, SDR 35. PIPE FOR 6 INCH DIAMETER HOUSE SERVICE LINES SHALL BE PVC PIPE ASTM D3034, SDR 35. PVC PIPE SHALL NOT BE USED AT DEPTHS GREATER THAN 28 FEET. PIPE MATERIALS AND RELATED STRUCTURES SHALL BE SHIP TESTED IN ACCORDANCE WITH CITY OF COLUMBUS CONSTRUCTION INSPECTION DIVISION QUALITY CONTROL REQUIREMENTS.
4. DELETED
5. ALL IN-LINE WYE AND TEE CONNECTIONS IN CONCRETE SEWERS, 18 INCH DIAMETER AND LARGER, SHALL BE EITHER KOR-N-TEE OR KOR-N-SEAL CONNECTIONS CONFORMING TO THE MANUFACTURER'S RECOMMENDATIONS.
- 6-9. DELETED
10. ALL SANITARY SEWERS INCLUDING SANITARY SERVICE LINES SHALL BE SUBJECTED TO AND PASS INFILTRATION OR EXFILTRATION TESTS ACCORDING TO ITEM 901 OF THE STANDARD SPECIFICATIONS AND MUST BE APPROVED FOR THE USE BY THE CITY ENGINEER BEFORE ANY SERVICE CONNECTIONS ARE TAPPED INTO SEWERS.
- 11-13. DELETED
14. ROOF DRAINS, FOUNDATION DRAINS, FIELD TILE OR OTHER CLEAN WATER CONNECTIONS TO THE SANITARY SEWER SYSTEM ARE STRICTLY PROHIBITED ACCORDING TO SECTION 51.23 OF THE DUBLIN CODE OF ORDINANCES.
- 15-20. DELETED

WATER LINE

- 1-7. DELETED
8. THE CONTRACTOR SHALL NOTIFY THE CITY OF COLUMBUS DIVISION OF WATER AT 645-7788 AND THE CITY OF DUBLIN DIVISION OF ENGINEERING AT LEAST 24 HOURS BEFORE TAPPING INTO EXISTING WATER LINES.
- 9-11. DELETED
12. WATER METERS SHALL BE INSTALLED INSIDE PROPOSED STRUCTURES UNLESS A METER PIT INSTALLATION IS APPROVED BY THE CITY OF COLUMBUS DIVISION OF WATER. METER PITS MUST CONFORM TO STANDARD DRAWINGS L-7103, A&B FOR 1" THROUGH 1" METERS OR L-6317, A, B, C&D FOR 1-1/2" OR LARGER METERS.
- 13-17. DELETED

STORM SEWER

1. DELETED
2. DELETED
3. GRANULAR BACKFILL SHALL BE COMPACTED GRANULAR MATERIAL ACCORDING TO ITEM 912 OF THE STANDARD SPECIFICATIONS OR CONTROLLED DENSITY BACKFILL ACCORDING TO ITEM 636, TYPE III OF THE STANDARD SPECIFICATIONS AS DIRECTED BY THE CITY ENGINEER.
4. ALL STORM SEWERS SHALL BE REINFORCED CONCRETE PIPE CONFORMING TO ASTM DESIGNATION C76, WALL B, CLASS IV FOR PIPE DIAMETERS 12 INCHES TO 15 INCHES, CLASS III FOR 18 INCHES TO 24 INCH PIPES, AND 27 INCHES AND LARGER PIPE SHALL BE CLASS II, UNLESS OTHERWISE SHOWN ON THE APPROVED CONSTRUCTION DRAWINGS.
5. DELETED
6. STORM INLETS OR CATCH BASINS SHALL BE CHANNELIZED AND HAVE BICYCLE SAFE GRATES. MANHOLE LIDS SHALL INCLUDE CITY OF DUBLIN LOGO AND ALL CURB INLET AND CATCH BASIN GRATES SHALL INDUCE ENGRAVED LETTERING: "DUMP NO WASTE; DRAINS TO RIVER."
7. DELETED

MAIL DELIVERY

1. DELETED
2. DELETED

USE OF FIRE HYDRANTS

1. THE CONTRACTOR SHALL MAKE PROPER ARRANGEMENTS WITH THE DUBLIN SERVICE DEPARTMENT AND THE COLUMBUS DIVISION OF WATER FOR THE USE OF FIRE HYDRANTS WHEN USED FOR WORK PERFORMED UNDER THIS CONTRACT AND PROVIDE THE CITY OF DUBLIN A COPY OF THE HYDRANT USAGE PERMIT OBTAINED FROM THE CITY OF COLUMBUS. THE CONTRACTOR SHALL ALSO SEND A COPIES OF PERMITS OBTAINED FROM DUBLIN AND COLUMBUS TO THE WASHINGTON AND/OR PERRY TOWNSHIP FIRE DEPARTMENT. PERMITS SHALL BE KEPT AT THE CONSTRUCTION SITE AT ALL TIMES.
2. BEFORE THE FINAL ESTIMATE IS PAID, THE CONTRACTOR SHALL SUBMIT A LETTER FROM THE CITY OF COLUMBUS DIVISION OF WATER TO THE CITY ENGINEER STATING THAT THE CONTRACTOR HAS RETURNED THE SIAMSESE VALVE TO THE CITY OF COLUMBUS AND HAS PAID ALL COSTS ARISING FROM THE USE OF THE FIRE HYDRANTS.

STANDARD CONSTRUCTION DRAWINGS

THE STANDARD CONSTRUCTION DRAWINGS LISTED ON THESE PLANS SHALL BE A PART THEREOF.

CITY OF DUBLIN

RD-05

TAX DISTRICT- 273
PARCEL NO.- 008824
PARCEL AREA- 11.876 AC
ZONING DISTRICT- R-1

BENCHMARKS

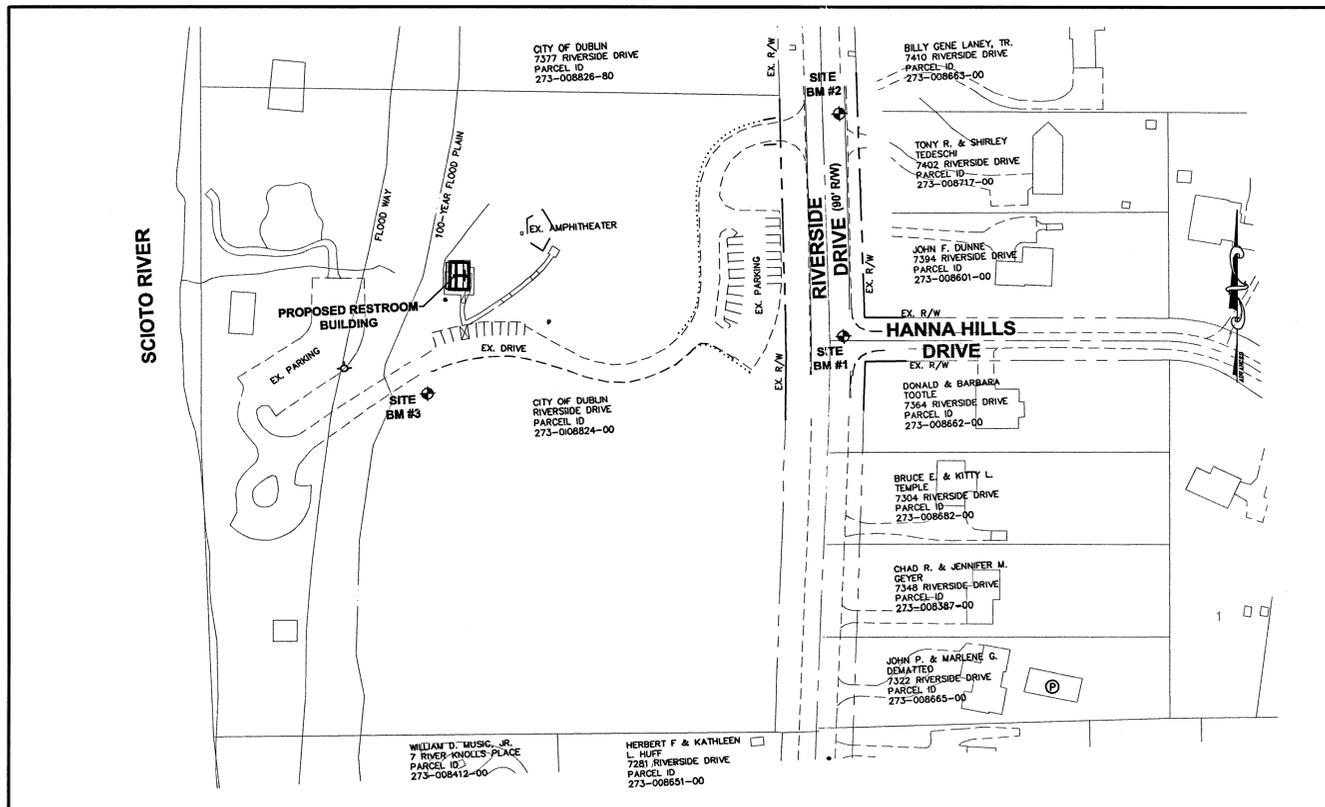
BASED ON NAVD 1988 DATUM.

Source - Elevations were established using 45 minute (or greater) static observations utilizing Global Positioning System (GPS) procedures. The GPS data was submitted to the National Geodetic Survey's (NGS) Online Positioning User Service (OPUS) system for processing. The system uses the Continuously Operating Reference System (CORS86) to establish geodetic positions.

Site BM 1 - Top of sanitary manhole located in the pavement 15' east of the centerline of Riverside Drive, 5' North of the centerline of Hanna Hills Drive. Shown on Base Map as "Site BM #1".
Elevation = 832.88

Site BM 2 - Traverse Point set 470' west of the centerline of Riverside Drive, 20' southeast of the edge of pavement of drive, with Ohio State Plane South Zone coordinates shown below. Shown on Base Map as "Site BM #2".
Northing = 771569.01
Easting = 1797529.08
Elevation = 792.76

Site BM 3 - Top of sanitary manhole located in the pavement, 15' east of the centerline of Riverside Drive, 270' North of the centerline of Hanna Hills Drive. Shown on Base Map as "Site BM #3".
Elevation = 831.92



INDEX MAP

SCALE: 1" = 100'



422 Beecher Road
Gahanna, Ohio 43230
ph 614.428.7750
fax 614.428.7755



800-362-2764 or 8-1-1
www.ups.org

5/15/2013

REGISTERED ENGINEER

SIGNATURES BELOW SIGNIFY ONLY CONCURRENCE WITH THE GENERAL PURPOSES AND GENERAL LOCATION OF THE PROJECT AND DOES NOT CONSTITUTE ASSURANCE TO OPERATE AS INTENDED. ALL TECHNICAL DETAILS REMAIN THE RESPONSIBILITY OF THE PROFESSIONAL CIVIL ENGINEER PREPARING THE PLANS.

APPROVED: _____ DATE _____

CITY ENGINEER, CITY OF DUBLIN, OHIO _____ DATE _____

DIRECTOR OF LAND USE AND LONG RANGE PLANNING
CITY OF DUBLIN, OHIO _____ DATE _____

PLAN PREPARED BY:
ADVANCED CIVIL DESIGN
ENGINEERS & SURVEYORS
422 Beecher Road
Gahanna, Ohio 43230
ph 614.428.7750
fax 614.428.7755

PLAN PREPARED FOR:
City of Dublin
5200 Emerald Parkway
Dublin, Ohio 43017-1006

CITY OF DUBLIN/COUNTY OF FRANKLIN, OHIO

SCIOTO PARK

PRIVATE SITE DEVELOPMENT PLAN
FOR
SCIOTO PARK

TITLE SHEET & GENERAL NOTES

Issue Dates:
Bid Set: March 05, 2013

Date: 05/01/2013
Scale: 1" = 100'

Drawn By: T.W. Checked By: DDS

Project Number:
13-0034-76

Drawing Number:
1 / 4

Z:\13-0034-76\SITE CONSTRUCTION\WSP-001.dwg 1 May 15, 2013 8:12:07am cillard

EROSION AND SEDIMENT CONTROL NARRATIVE

PLAN ENGINEERS: ADVANCED CIVIL DESIGN, INC.
422 BEECHER ROAD
GAHANNA, OHIO 43230
PH (614) 428-7750
FAX (614) 428-7755

PROPERTY OWNER: CITY OF DUBLIN
5200 EMERALD PARKWAY
DUBLIN, OHIO 43017

EXISTING SITE DESCRIPTION: THE EXISTING DEVELOPMENT AREA CONSISTS OF A CITY PARK WHICH INCLUDES AN EXISTING RESTROOM BUILDING, AMPHITHEATER, PARKING AND DRIVE AISLES.

EXISTING SITE DRAINAGE CONDITION: THE SITE GENERALLY DRAINS FROM THE EAST TO THE WEST, AND DIRECTLY INTO THE SCIOTO RIVER.

ADJACENT AREAS: THE SITE IS BOUNDED BY RIVERSIDE DRIVE ALONG THE EAST, THE SCIOTO RIVER TO THE WEST, AND EXISTING RESIDENTIAL PROPERTIES TO THE NORTH AND SOUTH.

CRITICAL AREAS: NO CRITICAL AREAS HAVE BECOME EMDENT.

EROSION & SEDIMENT CONTROL MEASURES: EROSION AND SEDIMENT RUNOFF WILL BE CONTROLLED BY THE USE OF SEDIMENT FENCE, INLET PROTECTION AT ALL SELECT EXISTING CATCH BASINS AND INLETS SHALL BE PLACED AS A PART OF THE STORM SEWER INSTALLATIONS.

MAINTENANCE: MAINTENANCE OF THE EROSION & SEDIMENT CONTROL ITEMS SHALL BE IN ACCORDANCE WITH THE NOTES LISTED ON THIS SHEET.

CONSTRUCTION SEQUENCE (EROSION & SEDIMENT CONTROL)

- PRIOR TO ANY CONSTRUCTION, THE CONTRACTOR SHALL INSTALL THE NECESSARY SEDIMENT FENCE. ALL TREE PROTECTION FENCING SHALL ALSO BE INSTALLED AT THIS TIME TO PROTECT AREAS OF TREES TO REMAIN.
- THE CONTRACTOR SHALL PERFORM SITE EARTHWORK OPERATIONS. DISTURBED AREAS SHALL BE SEEDED WITHIN 7 DAYS OF CONSTRUCTION.
- THE CONTRACTOR SHALL INSTALL STORM SEWERS. PROVISIONS FOR INLET PROTECTION SHALL BE PLACED ON ALL STORM INLETS.
- THE CONTRACTOR SHALL PLACE SEEDING AND MULCHING AS NECESSARY TO RE-ESTABLISH ALL DENUDED AREAS.
- THE CONTRACTOR SHALL REMOVE AND DISPOSE OF THE EROSION CONTROL DEVICES ONLY AFTER ALL AREAS HAVE BEEN PAVED AND/OR SEEDED/MULCHED. AFTER REMOVAL OF THE EROSION CONTROL DEVICES, THE CONTRACTOR SHALL CLEAN ALL INLETS AND STORM SEWER PIPES OF ALL SEDIMENT INCURRED DURING CONSTRUCTION.
- THE CONTRACTOR SHALL PERFORM AN AS-BUILT SURVEY OF THE SITE, UTILITY LOCATIONS AND STORMWATER MANAGEMENT FEATURES FOR PREPARATION OF AS-BUILT DOCUMENTS. THE AS-BUILT DOCUMENTS MUST BE SUBMITTED AND APPROVED BY THE CITY. NO BUILDING OCCUPANCY PERMITS WILL BE ISSUED WITHOUT FINAL APPROVAL OF THE AS-BUILT SITE DOCUMENTS.

GENERAL EROSION AND SEDIMENT CONTROL NOTES

PERMANENT OR TEMPORARY SOIL STABILIZATION SHALL BE APPLIED TO DENUDED AREAS WITHIN SEVEN DAYS AFTER FINAL PROPOSED GRADE IS REACHED ON ANY PORTION OF THE SITE. ALL DENUDED AREAS SHALL BE CONSTRUCTED TO FINAL PROPOSED GRADE AS QUICKLY AS POSSIBLE AND SHOULD NOT BE LEFT DORMANT UNLESS SITE CONDITIONS DO NOT ALLOW FINAL GRADING TO BE COMPLETED. SOIL STABILIZATION SHALL ALSO BE APPLIED WITHIN SEVEN DAYS TO DENUDED AREAS WHERE GRADING MAY NOT BE COMPLETE, BUT WILL REMAIN DORMANT (UNDISTURBED) FOR LONGER THAN FORTY-FIVE DAYS.

SHEET FLOW RUNOFF FROM DENUDED AREAS SHALL BE FILTERED OR DIVERTED TO A SETTLING FACILITY.

SEDIMENT BARRIERS SUCH AS SEDIMENT FENCE OR DIVERSIONS TO SETTLING FACILITIES SHALL PROTECT ADJACENT PROPERTIES AND WATER RESOURCES FROM SEDIMENT TRANSPORTED BY SHEET FLOW.

PRIOR TO CONSTRUCTION OPERATIONS IN A PARTICULAR AREA, ALL SEDIMENTATION AND EROSION CONTROL FEATURES SHALL BE IN PLACE. FIELD ADJUSTMENTS WITH RESPECT TO LOCATIONS AND DIMENSIONS MAY BE MADE BY THE ENGINEER.

THE CONTRACTOR SHALL PLACE INLET PROTECTION FOR THE EROSION CONTROL IMMEDIATELY AFTER CONSTRUCTION OF THE CATCH BASINS OR INLETS WHICH ARE NOT TRIBUTARY TO A SEDIMENT BASIN OR DAM.

THE LIMITS OF SEEDING AND MULCHING WILL EXTEND OVER THE PROJECT AREA IN ACCORDANCE WITH THE LEVEL OF DISTURBANCE ASSOCIATED WITH THE ACTUAL CONSTRUCTION SEQUENCE. ALL AREAS NOT DESIGNATED TO BE SEEDED SHALL REMAIN UNDER NATURAL GROUND COVER. THOSE AREAS DISTURBED OUTSIDE THE SEEDING LIMITS SHALL BE SEEDED AND MULCHED AT THE CONTRACTOR'S EXPENSE.

"TEMPORARY SEEDING" NO AREA FOR WHICH GRADING HAS BEEN COMPLETED SHALL BE LEFT UNSEEDED OR UNMULCHED FOR LONGER THAN 7 DAYS. IF PERMANENT SEED IS NOT APPLIED AT THIS TIME, TEMPORARY SEEDING SHALL BE DONE AT THE FOLLOWING RATES:

MARCH 1 TO NOVEMBER 1

SEED:	50% TALL FESCUE 20% CREEPING RED FESCUE 10% KENTUCKY BLUEGRASS 10% PERENNIAL RYE GRASS 10% ANNUAL RYE GRASS	3.5 LBS./1000 SQ. FT.
FERTILIZER (12:12:12)		15 LBS./1000 SQ. FT.
MULCH (STRAW OR HAY):		2 TONS/ACRE

NOVEMBER 1 TO MARCH 1

SEED:	CERIAL RYE	1.3 LBS./1000 SQ. FT.
FERTILIZER (12:12:12)		15 LBS./1000 SQ. FT.
MULCH (STRAW OR HAY):		2 TONS/ACRE

"PERMANENT SEEDING" SHALL BE DONE BETWEEN MARCH 1 AND NOVEMBER 1. IF SEEDING IS DONE BETWEEN NOVEMBER 1 AND MARCH 1, IT SHALL BE CLASSIFIED AS "TEMPORARY SEEDING." PERMANENT SEEDING SHALL CONSIST OF FERTILIZING, WATERING AND SEEDING RATES INDICATED UNDER ITEM 659. SEEDING SHALL BE APPLIED WITHIN TWO (2) DAYS AFTER FINAL GRADING OR FOLLOWING SEED BED PREPARATION.

RATES OF APPLICATION:

MARCH 1 TO NOVEMBER 1

SEED:	50% TALL FESCUE 20% CREEPING RED FESCUE 10% KENTUCKY BLUEGRASS 10% PERENNIAL RYE GRASS 10% ANNUAL RYE GRASS	150 LBS./ACRE
FERTILIZER (19:19:19)		420 LBS./ACRE
MULCH (STRAW OR HAY):		2 TONS/ACRE

MAINTENANCE: IT IS THE CONTRACTOR'S RESPONSIBILITY TO MAINTAIN THE SEDIMENT CONTROL FEATURES USED ON THIS PROJECT. THE SITE SHALL BE INSPECTED PERIODICALLY AND WITHIN 24 HOURS OF A SIGNIFICANT RAINFALL. RECORDS OF THESE INSPECTIONS SHALL BE KEPT AND MADE AVAILABLE TO JURISDICTIONAL AGENCIES IF REQUESTED. ANY SEDIMENT OR DEBRIS WHICH HAS REDUCED THE EFFICIENCY OF A STRUCTURE SHALL BE REMOVED IMMEDIATELY. SHOULD A STRUCTURE OR FEATURE BECOME DAMAGED, THE CONTRACTOR SHALL REPAIR OR REPLACE AT NO ADDITIONAL COST TO THE OWNER.

SCHEDULE: THE CONTRACTOR SHALL PROVIDE A SCHEDULE OF OPERATIONS TO THE CONSTRUCTION MANAGER. SEDIMENTATION AND EROSION CONTROL FEATURES SHALL BE PLACED IN ACCORDANCE WITH THIS SCHEDULE.

SEDIMENT FENCE NOTES

SILT FENCE: THIS SEDIMENT BARRIER UTILIZES STANDARD STRENGTH OR EXTRA STRENGTH SYNTHETIC FILTER FABRICS. IT IS DESIGNED FOR SITUATIONS IN WHICH ONLY SHEET OR OVERLAND FLOWS ARE EXPECTED.

1. THE HEIGHT OF A SILT FENCE SHALL NOT EXCEED 36-INCHES (HIGHER FENCES MAY IMPOUND VOLUMES OF WATER SUFFICIENT TO CAUSE FAILURE OF THE STRUCTURE).

2. THE FILTER FABRIC SHALL BE PURCHASED IN A CONTINUOUS ROLL CUT TO THE LENGTH OF THE BARRIER TO AVOID THE USE OF JOINTS. WHEN JOINTS ARE NECESSARY, FILTER CLOTH SHALL BE SPICED TOGETHER ONLY AT A SUPPORT POST, WITH A MINIMUM OF A 6 INCH OVERLAP, AND SECURELY SEALED.

3. POSTS SHALL BE SPACED A MAXIMUM OF 10 FEET APART AT THE BARRIER LOCATION AND DRIVEN SECURELY INTO THE GROUND (MINIMUM OF 12-INCHES). WHEN EXTRA STRENGTH FABRIC IS USED WITHOUT THE WIRE SUPPORT FENCE, POST SPACING SHALL NOT EXCEED 6 FEET.

4. A TRENCH SHALL BE EXCAVATED APPROXIMATELY 4-INCHES WIDE AND 4 INCHES DEEP ALONG THE LINE OF POSTS AND UPSLOPE FROM THE BARRIER.

5. WHEN STANDARD STRENGTH FILTER FABRIC IS USED, A WIRE MESH SUPPORT FENCE SHALL BE FASTENED SECURELY TO THE UPSLOPE SIDE OF THE POSTS USING HEAVY DUTY WIRE STAPLES AT LEAST 1-INCH LONG, WIRES OR HOE RINGS. THE WIRE SHALL EXTEND INTO THE TRENCH A MINIMUM OF 2-INCHES AND SHALL NOT EXTEND MORE THAN 36-INCHES ABOVE THE ORIGINAL GROUND SURFACE.

6. THE STANDARD STRENGTH FILTER FABRIC SHALL BE STAPLED OR WRED TO THE FENCE, AND 8-INCHES OF THE FABRIC SHALL BE EXTENDED INTO THE TRENCH. THE FABRIC SHALL NOT BE STAPLED TO EXISTING TREES.

7. WHEN EXTRA STRENGTH FILTER FABRIC AND CLOSER POST SPACING ARE USED, THE WIRE MESH SUPPORT FENCE MAY BE ELIMINATED, IN SUCH A CASE, THE FILTER FABRIC IS STAPLED OR WRED DIRECTLY TO THE POSTS WITH ALL OTHER PROVISIONS OF ITEM NO. 6 APPLYING.

8. THE TRENCH SHALL BE BACKFILLED AND SOIL COMPACTED OVER THE FILTER FABRIC.

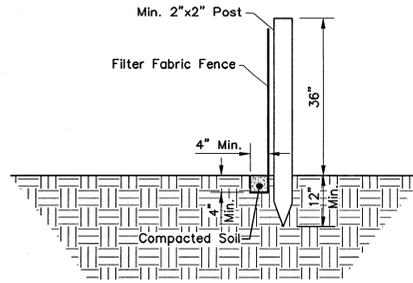
9. SILT FENCES SHALL BE REMOVED WHEN THEY HAVE SERVED THEIR USEFUL PURPOSE, BUT NOT BEFORE THE UPSLOPE AREA HAS BEEN PERMANENTLY STABILIZED. SILT FENCES AND FILTER BARRIERS SHALL BE INSPECTED IMMEDIATELY AFTER EACH RAINFALL AND AT LEAST DAILY DURING PROLONGED RAINFALL. ANY REQUIRED REPAIRS SHALL BE MADE IMMEDIATELY.

MAINTENANCE

SHOULD THE FABRIC ON A SILT FENCE OR FILTER BARRIER DECOMPOSE OR BECOME INEFFECTIVE PRIOR TO THE END OF THE EXPECTED USABLE LIFE AND THE BARRIER IS STILL NECESSARY, THE FABRIC SHALL BE REPLACED PROMPTLY.

SEDIMENT DEPOSITS SHOULD BE REMOVED AFTER EACH STORM EVENT. THEY MUST BE REMOVED WHEN DEPOSITS REACH APPROXIMATELY ONE-HALF THE HEIGHT OF THE BARRIER.

ANY SEDIMENT DEPOSITS REMAINING IN PLACE AFTER THE SILT FENCE OR FILTER BARRIER IS NO LONGER REQUIRED SHALL BE DRESSED TO CONFORM WITH THE EXISTING GRADE, PREPARED AND SEEDED.



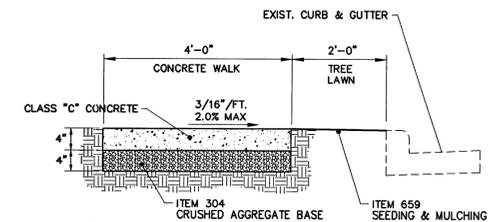
SEDIMENT FENCE DETAIL
(No Scale)
(See Sheet 5 for Plan Location)

CONTRACTOR RESPONSIBILITY: DETAILS HAVE BEEN PROVIDED ON THE PLANS IN AN EFFORT TO HELP THE CONTRACTOR PROVIDE EROSION AND SEDIMENTATION CONTROL. THE DETAILS SHOWN ON THE PLAN SHALL BE CONSIDERED A MINIMUM. ADDITIONAL OR ALTERNATE DETAILS MAY BE FOUND IN THE S.C.S. MANUAL "WATER MANAGEMENT AND SEDIMENT CONTROL FOR URBANIZING AREAS." THE CONTRACTOR SHALL BE SOLELY RESPONSIBLE FOR PROVIDING NECESSARY AND ADEQUATE MEASURES FOR PROPER CONTROL OF EROSION AND SEDIMENT RUNOFF FROM THE SITE ALONG WITH PROPER MAINTENANCE AND INSPECTION IN COMPLIANCE WITH THE NPDES GENERAL PERMIT FOR STORM WATER DISCHARGES ASSOCIATED WITH CONSTRUCTION ACTIVITY.

ESTIMATED QUANTITIES

ITEM	QUANTITY	UNIT	DESCRIPTION
MISC. SITE			
202	LUMP	SUM	EX. RESTROOM BUILDING DEMOLITION
202	LUMP	SUM	EX. WOOD POST REMOVAL AND REPLACEMENT
202	310	SQ. FT.	CONCRETE WALK REMOVED
202	98	SQ. YD.	PUBLIC ROADWAY PAVEMENT REMOVED
SPEC	LUMP	SUM	LANDSCAPE AREAS DISTURBED AND REPLACED
SPEC	LUMP	SUM	NEW ELECTRIC SERVICE
EROSION CONTROL			
207	LUMP	SUM	EROSION CONTROL SYSTEMS MAINTENANCE
207	100	LIN. FT.	SEDIMENT FENCE
659	LUMP	SUM	SEEDING & MULCHING
SANITARY SEWER			
918	15	LIN. FT.	6" DIAMETER PIPE, SANITARY HOUSE CONNECTION
SPEC.	471	LIN. FT.	2" DIAMETER FORCE MAIN
SPEC.	1	EACH	DUPLEX GRINDER PUMP PACKAGE, AS PER PLAN
SPEC.	1	EACH	CONNECT TO EX. MH WITH INSIDE DROP
WATER SERVICE			
805	1	EACH	1 1/2" WATER VALVE IN STD. VALVE BOX
805	1	EACH	1 1/2" WATER SERVICE TAP ON EX. 12" MAIN
805	87	LIN. FT.	1 1/2" WATER SERVICE (COPPER TUBING)
805	374	LIN. FT.	2" WATER SERVICE (DOW APPROVED POLYTUBING)
SPEC.	1	EACH	WATER METER AND BACKFLOW PREVENTER
SPEC.	1	EACH	HOT BOX
PAVEMENT (Private)			
608	345	SQ. FT.	CONCRETE WALK

THE QUANTITIES HAVE BEEN ESTABLISHED AS A MEANS FOR THE CITY TO ESTIMATE THE NECESSARY DEVELOPMENT FEES. THE CONTRACTOR SHALL COMPLETE HIS OWN QUANTITY TAKEOFF IN DETERMINING THE BID PRICE FOR THE PLAN IMPROVEMENTS.



TYPICAL CONCRETE WALK SECTION
(REF. CITY OF DUBLIN STD. DWG. RD-05)
NO SCALE

PLAN PREPARED BY:

ADVANCED CIVIL DESIGN
INC.

422 Beecher Road
Columbus, Ohio 43230
PH 614.428.7750
FAX 614.428.7755

PLAN PREPARED FOR:

City of Dublin
5200 Emerald Parkway
Dublin, Ohio 43017-1006

CITY OF DUBLIN/COUNTY OF FRANKLIN, OHIO

SCIOTO PARK

PRIVATE SITE DEVELOPMENT PLAN

FOR

SCIOTO PARK

GENERAL NOTES & DETAILS

Issue Date: Bid Set March 05, 2013

Date: 05/01/2013
Scale: NO SCALE

Drawn By: T.M.W.
Checked By: DDS

Project Number: 13-0034-76

Drawing Number: 2 / 4

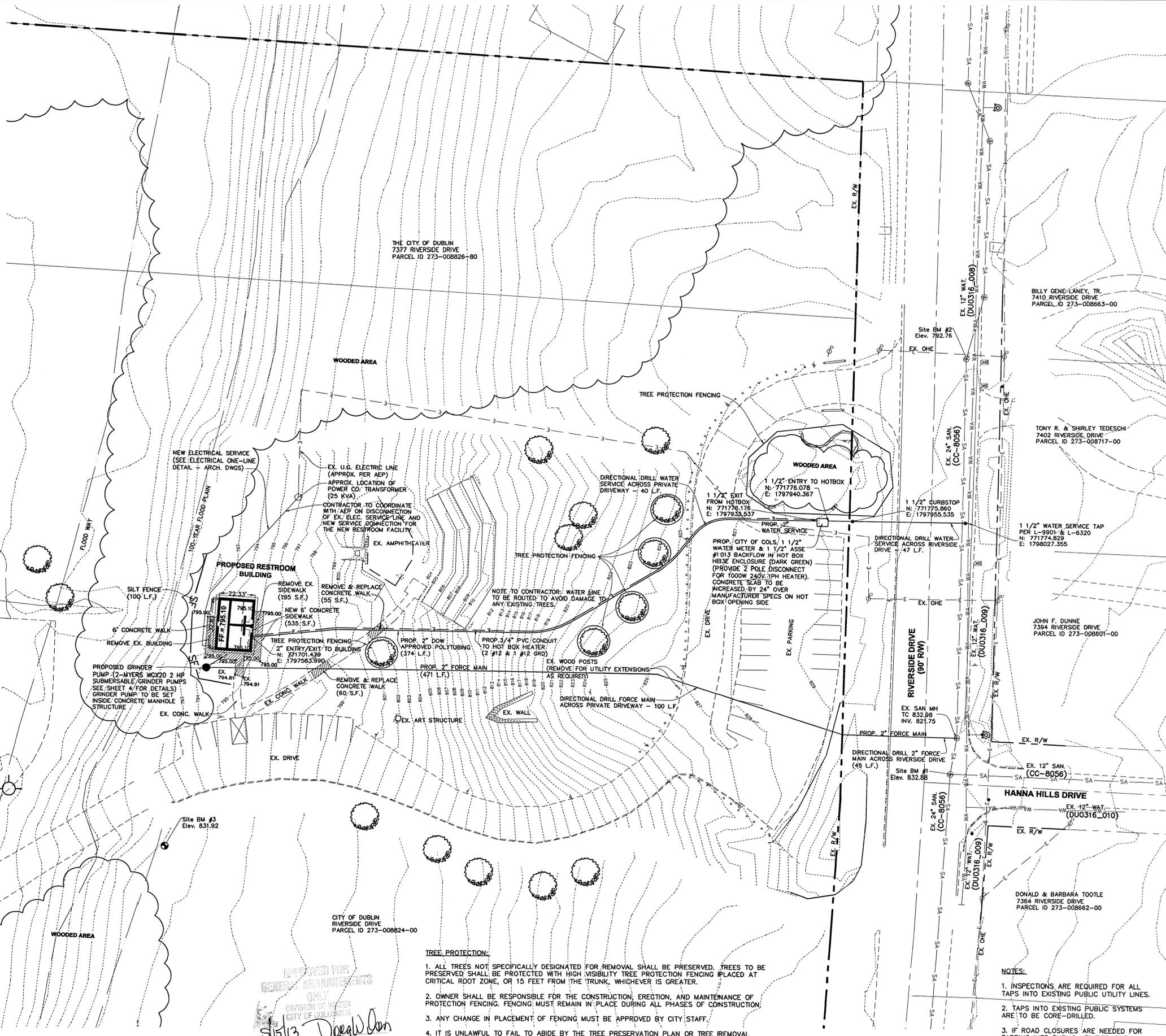
LEGEND

- - - 740 - - - EXISTING CONTOUR
- - - 740 - - - PROPOSED CONTOUR
- ⊗ PROPOSED INLET PROTECTION
- SF - SEDIMENT FENCE
- ← MAJOR FLOOD ROUTING PATH

ADVANCED

SITE DATA TABLE:
PROPOSED PERVIOUS AREA TO BE ADDED = 460 S.F.

SCIOTO RIVER



- TREE PROTECTION:**
1. ALL TREES NOT SPECIFICALLY DESIGNATED FOR REMOVAL SHALL BE PRESERVED. TREES TO BE PRESERVED SHALL BE PROTECTED WITH HIGH VISIBILITY TREE PROTECTION FENCING PLACED AT CRITICAL ROOT ZONE, OR 15 FEET FROM THE TRUNK, WHICHEVER IS GREATER.
 2. OWNER SHALL BE RESPONSIBLE FOR THE CONSTRUCTION, ERECTION, AND MAINTENANCE OF PROTECTION FENCING. FENCING MUST REMAIN IN PLACE DURING ALL PHASES OF CONSTRUCTION.
 3. ANY CHANGE IN PLACEMENT OF FENCING MUST BE APPROVED BY CITY STAFF.
 4. IT IS UNLAWFUL TO FAIL TO ABIDE BY THE TREE PRESERVATION PLAN OR TREE REMOVAL PLAN.
 5. UTILITY LOCATIONS ARE AS IDENTIFIED. ANY FIELD CHANGE THAT AFFECTS THE LOCATION OF THE TREE PROTECTION FENCING WILL BE REFLECTED ON REVISED PLANS AND COORDINATED WITH THE DIVISION OF PLANNING.

- NOTES:**
1. INSPECTIONS ARE REQUIRED FOR ALL TAPS INTO EXISTING PUBLIC UTILITY LINES.
 2. TAPS INTO EXISTING PUBLIC SYSTEMS ARE TO BE CORE-DRILLED.
 3. IF ROAD CLOSURES ARE NEEDED FOR TAPPING INTO PUBLIC UTILITIES, THE CONTRACTOR MUST CONTACT THE CITY OF DUBLIN ENGINEERING INSPECTOR BEFORE PERFORMING WORK.

7-113-0034-75 SITE CONSTRUCTION PSEP 003.dwg 3 May 15, 2013 - 8:14:28am cdlford

PLAN PREPARED BY:
ADVANCED CIVIL DESIGN
 423 Beane Road
 Columbus, Ohio 43230
 PH 614.428.7750
 FX 614.428.7755

CITY OF DUBLIN
 7377 RIVERSIDE DRIVE
 PARCEL ID 273-00826-80

BILLY GENE LANEY, TR.
 7410 RIVERSIDE DRIVE
 PARCEL ID 273-008663-00

TONY R. & SHIRLEY TEDESCHI
 7402 RIVERSIDE DRIVE
 PARCEL ID 273-008717-00

JOHN F. DUNNE
 7394 RIVERSIDE DRIVE
 PARCEL ID 273-008601-00

DONALD & BARBARA TOOTLE
 7364 RIVERSIDE DRIVE
 PARCEL ID 273-008662-00

CITY OF DUBLIN
 RIVERSIDE DRIVE
 PARCEL ID 273-008824-00

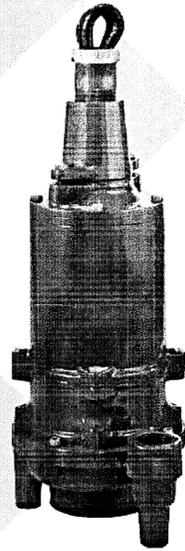
CITY OF DUBLIN/COUNTY OF FRANKLIN, OHIO

SCIOTO PARK
 PRIVATE SITE DEVELOPMENT PLAN
 FOR
SCIOTO PARK
 SITE GRADING & CONSTRUCTION PLAN

THE STATE OF OHIO
 DEPARTMENT OF PUBLIC SAFETY
 DIVISION OF PROFESSIONAL REGULATIONS
 ENGINEERING
 E-04619
 JAMES M. WILSON
 5-15-13

Issue Date: Bid Set March 05, 2013
 Date: 05/01/2013
 Scale: 1" = 30'

Drawn By: T.M.W. Checked By: DDS
 Project Number: 13-0034-76
 Drawing Number: 3/4



MYERS® MODELS WG20 AND WGX20 STANDARD AND HAZARDOUS LOCATION 2 HP SUBMERSIBLE GRINDER PUMPS

WWW.FEMYERS.COM

SUBMERSIBLE GRINDER PUMPS

MYERS® MODELS WG20 AND WGX20 Submersible Grinder Pumps

Designed for Residential, Light Commercial and Industrial Applications

The Myers wg/wgx20 Series are rugged 2 horsepower submersible centrifugal grinder pumps designed for residential, light commercial or industrial applications. It is especially suited for use in pressure sewer applications or in systems with long discharge runs or high static head. The WG/WGX20 Series features a patented cutter mechanism and recessed impeller design to efficiently grind typical domestic sewage solids into a fine slurry. These pumps are available in standard construction and construction for use in Class 1, Group D hazardous locations.

The WG/WGX20 Series can be installed in a variety of packaged systems. Factory-assembled simplex or duplex packages with guide rail systems or suspended systems are available. Individual rail components are also available for installation in on-site concrete systems. Myers offers a complete line of submersible sump, sewage, effluent, grinder, solids handling wastewater pumps, controls, basins, and accessories. For additional information, please contact your local Myers representative or the Myers Ashland, Ohio sales office at 419-289-1144.



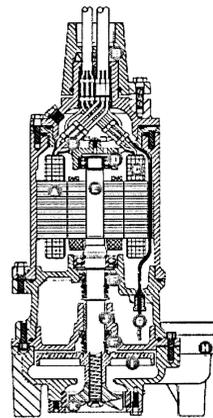
Product Capabilities	
Capacity to Grind	70 gpm 270 gpm
Media Size	1/8" to 1/2" 3/4" to 1 1/2"
Capacity Handling	domestic raw sewage
Minimum Ambient Temp.	up to 140°F up to 40°C
Maximum Ambient Temp. (Class F)	311°F 155°C
Motor Electrical Data	3 hp 3450 RPM 1 ph - capac. start/run 700 or 230 volts, 60 Hz 3 ph - induction run 200, 230, 440, 575 volts, 480 V
Third Party Approvals	UL, UL, USA NSF, CSA, FM
Acceptable pH Range	6 - 9
Specific Gravity	7.6 - 9.5 SSU
Discharge NPT	1-1/2" to 31.75 mm
Min. Sump Diameter	24 in. 610 mm
Simplex	36 in. 914 mm
Duplex	

Construction Materials	
Motor Housing, Sew. Housing, Cast Cup and Volute Case	cast iron, class oil ASTM A48
Impeller	stainless, bronze
Power Cord	SEEN
Control Cord	SEEN
Mechanical Seals	double to ultra carbon and ceramic Lam or tungsten carbide
Shaft	414 S&T
Impeller	303 Series SS
Shafting Ring	440 S&T
Grinding Impeller	58-60 Rockwell

Note: Consult factory for applications outside these recommendations.

GRINDER PUMP DETAILS

Pump Features and Applications



- A. Stator - 2 HP**
2 hp, 3450 RPM, 1 and 3 phase, Phase 1 for perfect alignment and best heat transfer. 20-4 lead motor conducts heat and lubricates bearings.
- B. Cable Entry System**
Provides positive seal protection. Cable jacket sealed by compression fitting, individual wires sealed by epoxy potting.
- C. Heat Sensor**
Protects motor from burnout due to excessive heat from any overload condition. Automatically resets when motor has cooled.
- D. Ball Bearings**
Upper and lower ball bearings support shaft and rotor and take axial and radial loads.
- E. Heavy 414 S&T Shaft**
Corrosion resistant. Reduces shaft deflection due to grinding loads.
- F. Shaft Seals**
Double tandem mechanical shaft seals protect motor. Oil-filled seal chamber provides continuous lubrication.
- G. Seal Leak Probe**
Detects water in seal housing, activates warning light in control panel.
- H. Volute Case**
Cast iron 1-1/4" NPT vertical discharge.
- I. Impeller**
Rear recessed impeller handles ground slurry without clogging or binding. Flanges constructed for low leakage. Reduces radial loads. Pump cut valves help keep trash from seal, reduces pressure at seal faces.
- J. Sleeve Bearing**
Takes radial loads, provides frame support.
- K. Grinder Assembly**
Grinder impeller and shredding ring are replaceable without dismantling pump. Constructed of 440 S&T hardened to 54-63 Rockwell.

Ideal for use in pressure sewer systems.

- Choice of standard, high flow or high head designs.
- Recessed impeller provides steep non-overloading operating curve.

Durable motor will deliver many years of reliable service.

- Oil-filled motor for maximum heat dissipation and constant bearing lubrication.
- Recessed impeller reduces radial bearing loads, increases bearing life.
- High torque motor for starting in single phase or three phase motors for assured starting under heavy load.
- Seal leak probes and oil-wicking heat sensors warn of seal leak condition and stop motor if motor overheats. No gas prevent costly motor damage.

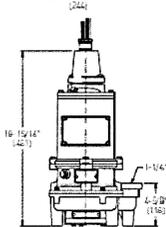
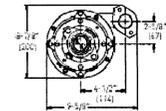
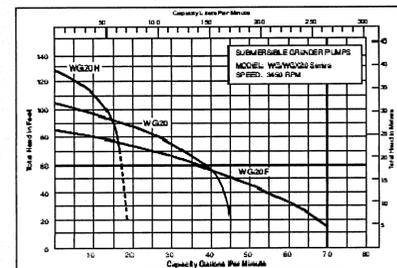
The WG/WGX20 Series is designed for easy maintenance.

- Shredding ring and grinder impeller are replaceable without dismantling pump or motor.

WWW.FEMYERS.COM

Performance Data and Dimensions

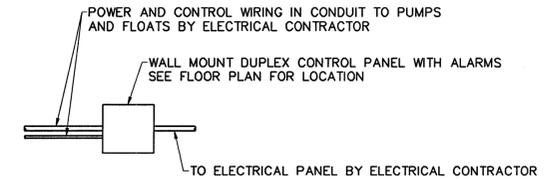
3450 RPM



Available Models		Motor Electrical Data										
Standard	Hazardous Location	HP	Volts	Phase	Watts	Start Amps	Run Amps	Run RPM	Start IMA	Run IMA	N.C. Code Letter	Service Factor
WG20-01	WG20-01	2	230	1	60	45.0	12.1	2.8	12.8	2.0	F	1.25
WG20-01	WG20-01	2	230	1	60	44.0	12.1	2.8	12.1	2.0	F	1.25
WG20-03	WG20-03	3	230	3	60	90.0	9.5	2.9	15.4	3.3	F	1.25
WG20-03	WG20-03	3	230	3	60	87.5	9.4	2.9	15.0	3.3	F	1.25
WG20-03	WG20-03	3	440	3	60	135.0	6.2	2.9	11.0	3.3	F	1.25
WG20-03	WG20-03	3	575	3	60	110.0	9.4	2.9	11.0	3.3	F	1.25
WG20-01	WG20-01	2	230	1	60	55.0	12.1	2.8	12.0	2.0	F	1.25
WG20-01	WG20-01	2	230	1	60	44.0	12.1	2.8	12.1	2.0	F	1.25
WG20-03	WG20-03	3	230	3	60	90.0	9.5	2.9	12.4	3.3	F	1.25
WG20-03	WG20-03	3	230	3	60	87.5	9.4	2.9	11.0	3.3	F	1.25
WG20-03	WG20-03	3	440	3	60	135.0	6.2	2.9	11.0	3.3	F	1.25
WG20-03	WG20-03	3	575	3	60	110.0	9.4	2.9	11.0	3.3	F	1.25
WG20-01	WG20-01	2	230	1	60	44.0	12.1	2.8	12.1	2.0	F	1.25



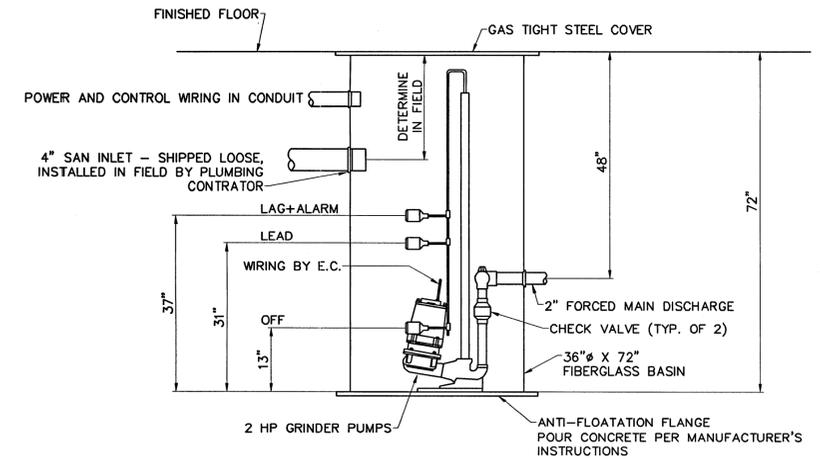
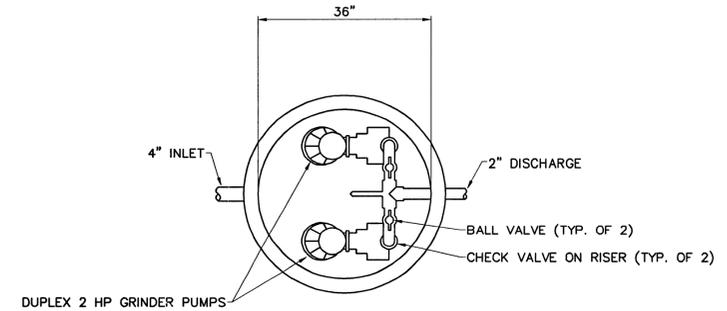
240 EAST 9TH STREET, 289 TULLUM DRIVE, RITCHIEVER, OHIO 43085, OHIO 43085, OHIO 43085, OHIO 43085
WWW.FEMYERS.COM WWW.FEMYERS.COM
Because we are continuously improving our products and services, Pentair reserves the right to change specifications without prior notice.
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ELECTRICAL REQUIREMENTS:

COORDINATE ELECTRICAL REQUIREMENTS WITH ELECTRICAL CONTRACTOR (E.C.) AS FOLLOWS:

1. A CONTROL PANEL IS FURNISHED WITH PUMP & BASIN PACKAGE. E.C. TO INSTALL PANEL ON THE NEAREST ACCESSIBLE WALL SPACE IN RELATIONSHIP TO BASIN LOCATION. SEE FLOOR PLAN FOR LOCATION.
2. E.C. TO EXTEND WIRING IN CONDUIT FROM BASIN ELECTRICAL INLET CONNECTION TO PANEL.
3. E.C. TO EXTEND WIRING FROM PANEL TO CONTROL PANEL.



GENERAL NOTES:

- A. PROVIDE A FACTORY ASSEMBLED DUPLEX GRINDER PUMP PACKAGE WITH 2HP GRINDER PUMPS, FIBERGLASS BASIN, STEEL COVER, CONTROLLER, GUIDE RAILS AND ALL APPURTENANCES NECESSARY FOR A COMPLETE INSTALLATION, EQUAL TO LIBERTY PUMPS D3672LSG202-48, 240V, 1 ph.
- B. EXCAVATE & BACKFILL PER MANUFACTURER'S REQUIREMENTS. PROVIDE CONCRETE BACKFILL AS SPECIFIED FOR ANTI-FLOATATION.
- C. PLUMBING CONTRACTOR TO COORDINATE ELECTRICAL REQUIREMENTS WITH ELECTRICAL CONTRACTOR. ELECTRICAL CONTRACTOR TO PROVIDE ALL POWER AND CONTROL WIRING.

1

DUPLEX GRINDER PUMP PACKAGE

NOT TO SCALE

PLAN PREPARED BY:
422 Brecher Road
Columbus, Ohio 43220
ph 614.488.7750
fax 614.488.7755
ADVANCED
CIVIL DESIGN
L.L. GILBERT, P.E.

PLAN PREPARED FOR:
City of Dublin
5200 Emerald Parkway
Dublin, Ohio 43017-1006

CITY OF DUBLIN/COUNTY OF FRANKLIN, OHIO
SCIOTO PARK
PRIVATE SITE DEVELOPMENT PLAN
FOR
SCIOTO PARK
MISCELLANEOUS DETAILS



Issue Date:
Bid Set March 05, 2013

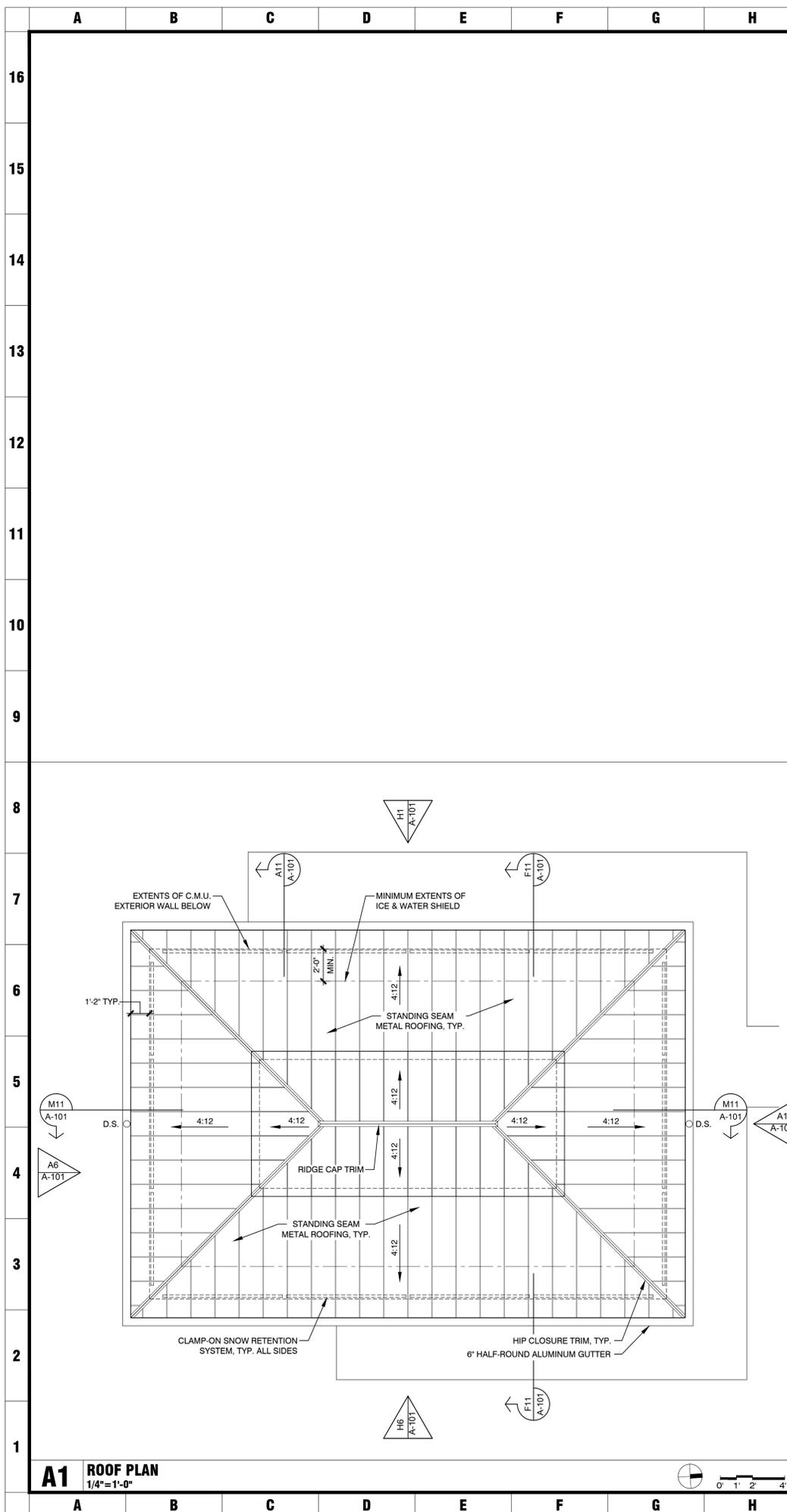
Date: 05/01/2013
Scale: 1" = 30"

Drawn By: TMM
Checked By: DDS

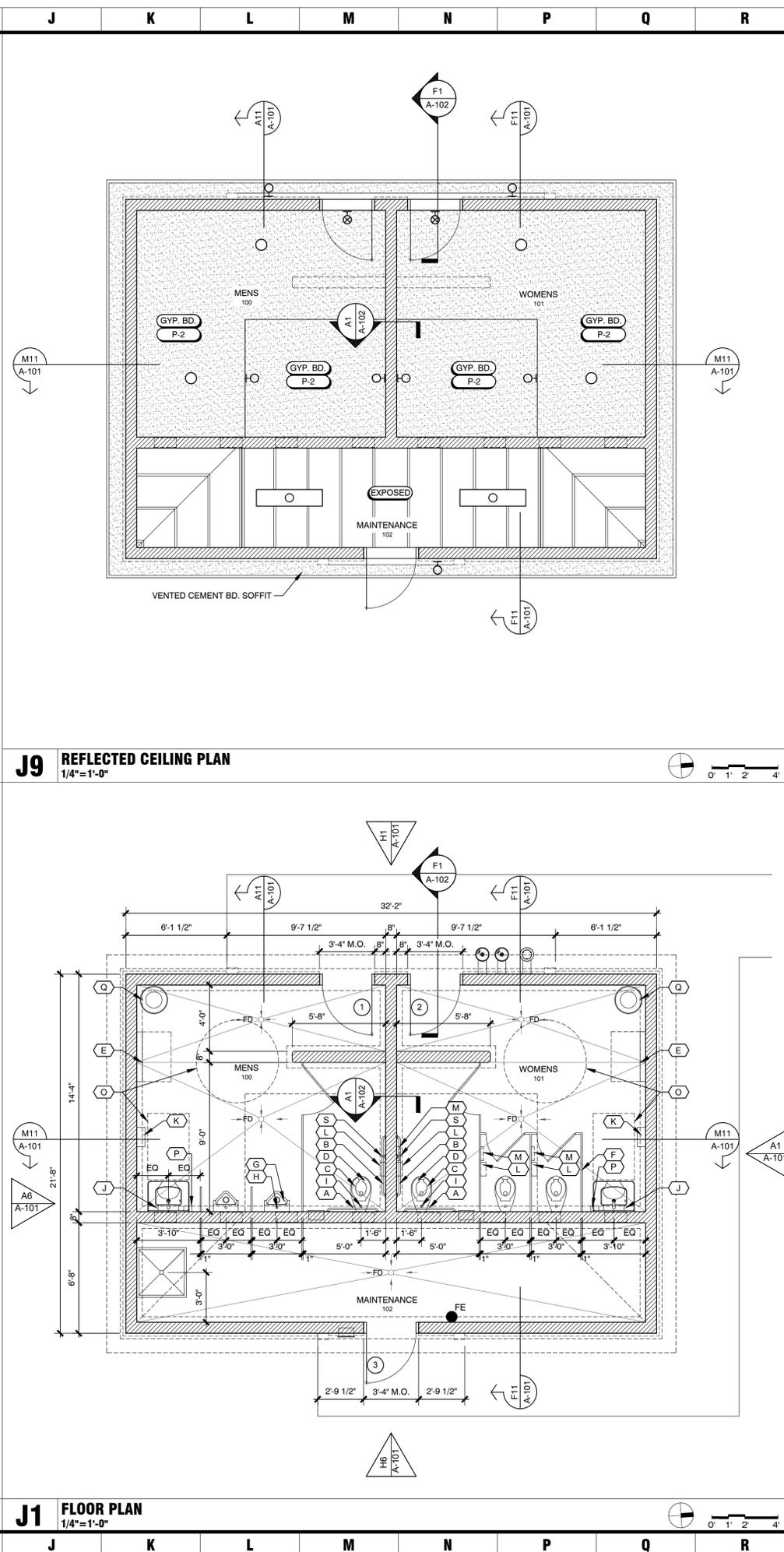
Project Number:
13-0034-76

Drawing Number:
4/4

CITY OF COLUMBUS WATER SERVICE PLAN #WSP4594



A1 ROOF PLAN
1/4"=1'-0"



J1 FLOOR PLAN
1/4"=1'-0"

GENERAL NOTES

- G1. ● [FEC] INDICATE WALL MOUNTED FIRE EXTINGUISHER & RECESSED FIRE EXTINGUISHER CABINET RESPECTIVELY.
- G2. FIRST FLOOR ELEVATION 100'-0" = 795.10' ASL
- G3. ALL ROOF PENETRATIONS TO BE COORDINATED WITH MEP DRAWINGS AND EQUIPMENT VENDOR BY INSTALLATION CONTRACTOR.
- G4. 'FD' INDICATES FLOOR DRAIN
- G5. (X) INDICATES DOOR NUMBER. REFER TO DOOR SCHEDULE FOR ADDITIONAL INFORMATION

(X) REST ROOM FIXTURE SCHEDULE

A	36" GRAB BAR - BOBRICK B-5806.99 SERIES (PEENED FINISH)
B	42" GRAB BAR - BOBRICK B-5806.99 SERIES (PEENED FINISH)
C	WALL MOUNTED WATER CLOSET - AMERICAN STANDARD MODEL # 3351.001 "AFWALL"
D	TOILET SEAT - AMERICAN STANDARD MODEL #5905.100
E	DIAPER CHANGING STATION - KOALA KARE MODEL #KB200-05SS
F	PARTITION- BOBRICK SOLID PHENOLIC DURALINE SERIES 1080 OVERHEAD BRACED
G	URINAL - AMERICAN STANDARD MODEL #6400.014 "STALLBROOK"
H	FLUSH VALVE (URINAL) - AMERICAN STANDARD MODEL #6063.101.002 "SELECTRONIC"
I	FLUSH VALVE (WC) - AMERICAN STANDARD MODEL #6065.161.002 "SELECTRONIC"
J	LAVATORY - BRADLEY MODEL #FL-1L "FREQUENCY"
K	HAND DRYER - EXCEL DRYER MODEL #XL-SB "XLERATOR"
L	TOILET TISSUE DISPENSER - BOBRICK MODEL #B-264
M	SANITARY NAPKIN DISPOSAL - BOBRICK MODEL #B-254
N	FAUCET - SEE ITEM 'J' SPECIFICATION
O	ADA REQUIRED CLEARANCE
P	SOAP DISPENSER - BOBRICK B-2111 CLASSIC SERIES
Q	30 GALLON GALVANIZED TRASH CAN
R	WALL MOUNTED MIRROR - BOBRICK B-293 SERIES
S	18" VERTICAL GRAB BAR - BOBRICK B-5806.99 SERIES (PEENED FINISH)

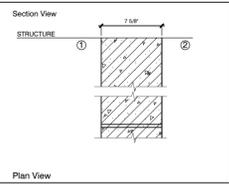
FOUNDATION NOTES

1. ASSUMED DESIGN SOIL BEARING PRESSURE = 3000 PSF. PLACE NO CONCRETE PRIOR TO INSPECTION AND APPROVAL OF BEARING SURFACES BY SOILS ENGINEER.
2. KEEP FOUNDATIONS FREE OF WATER AT ALL TIMES. REPLACE WEAKENED SOIL WITH LEAN CONCRETE.
3. REFERENCE ELEVATION - TOP OF FIRST FLOOR CONCRETE SLAB ELEVATION = EL. 100'-0". ABSOLUTE ELEVATION 795.10' = 100'-0"
4. ELEVATIONS SHOWN ON FOOTINGS INDICATE TOP OF FOOTING.

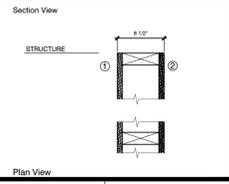
WALL TYPE SCHEDULE NOTES

1. WALL TYPE 01 IS TYPICAL THROUGHOUT PROJECT UNLESS INDICATED OTHERWISE.
2. BUILD WALLS IN ACCORDANCE WITH WALL TYPE SCHEDULE AND UL DESIGNATION # REFERENCED, IF APPLICABLE. REFERENCES ARE TO LATEST EDITION OF GYPSUM ASSOCIATION (GA) FIRE RESISTANCE DESIGN MANUAL, OR TO UNDERWRITERS LABORATORY (UL) FIRE RESISTANCE DIRECTORY.
3. WALL TYPES INDICATED ARE CONTINUOUS TO A CORNER OR AN INTERSECTING WALL, UNLESS INDICATED OTHERWISE. WHERE WALLS OF DIFFERENT THICKNESSES MEET, MAINTAIN A FLUSH SURFACE ON THE SIDE WHERE FACES ARE STRAIGHT AND CONTINUOUS, UNLESS NOTED OTHERWISE.
4. DO NOT CONSIDER CEILING SYSTEM(S) AS A WALL BRACING ELEMENT.

DESIGN:	UL # U605
RATING:	Value
Fire	2 HR
Smoke	---
STC	NA
Size/Gauge	Spacing
D-2 C.B.	nom. 3/8" mortar
FACING:	Material Thick
1.	SEE PLANS
2.	SEE PLANS/EXT. ELEVS



DESIGN:	UL # U605
RATING:	Value
Fire	---
Smoke	---
STC	---
Size/Gauge	Spacing
2x4 STUD	16" O.C.
FRAME:	Material Thick
1.	EXTER. GWB 5/8"
2.	EXTER. GWB 5/8"



meyers+associates
ARCHITECTURE
229 N. BIRCH STREET, SUITE 200, COLUMBUS, OH 43245
T (614) 221-9433 F (614) 221-9444 www.meyersarchitects.com

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DESCRIPTION	DATE
PERMIT SET	03.08.13
REVISION 01	04.26.13
REVISION 02	06.31.13
REVISION 03	06.19.13
REVISION 04	08.19.13
BID SET	09.12.13

PLANS & ELEVATIONS

PROJECT TITLE

SCIOTO PARK RESTROOM REPLACEMENT

7377 RIVERSIDE DRIVE
DUBLIN, OH 43016

Christopher Meyers, License #9912445
Expiration Date 12/31/2013

MEYERS+ASSOCIATES PROJECT NUMBER:
2012-23

SHEET NUMBER

A-100

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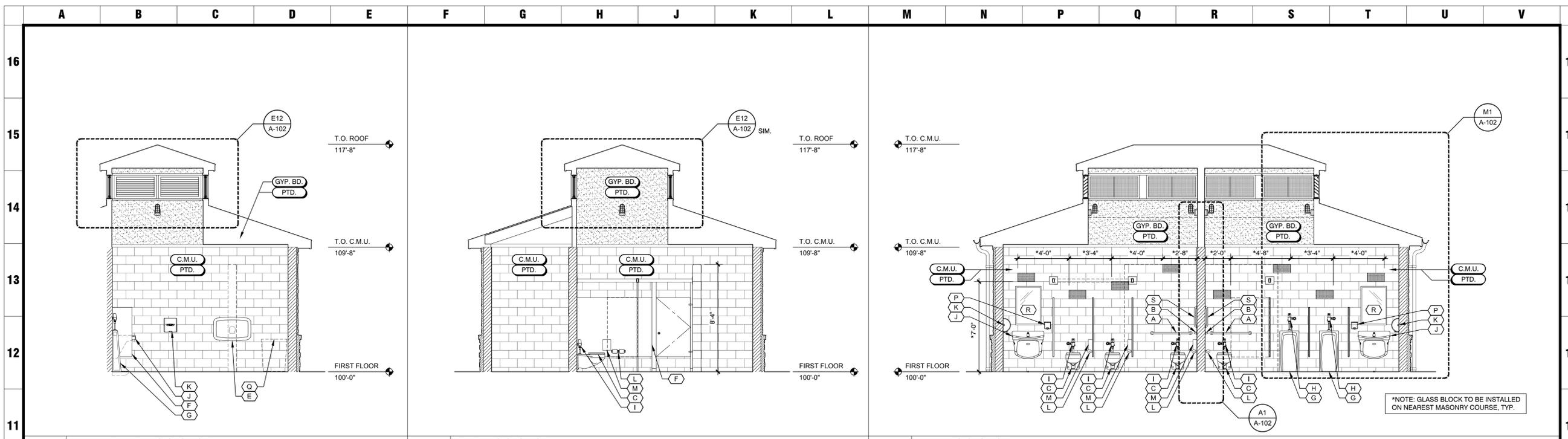
ELEVATIONS & BUILDING SECTIONS
PROJECT TITLE
SCIOTO PARK RESTROOM REPLACEMENT
7377 RIVERSIDE DRIVE
DUBLIN, OH 43016

Christopher Meyers, License #9912445
Expiration Date 12/31/2013

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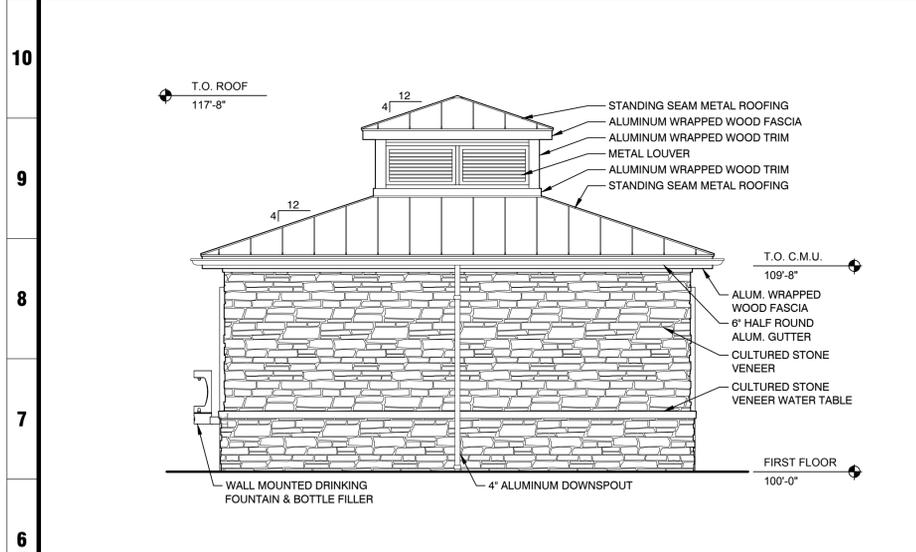
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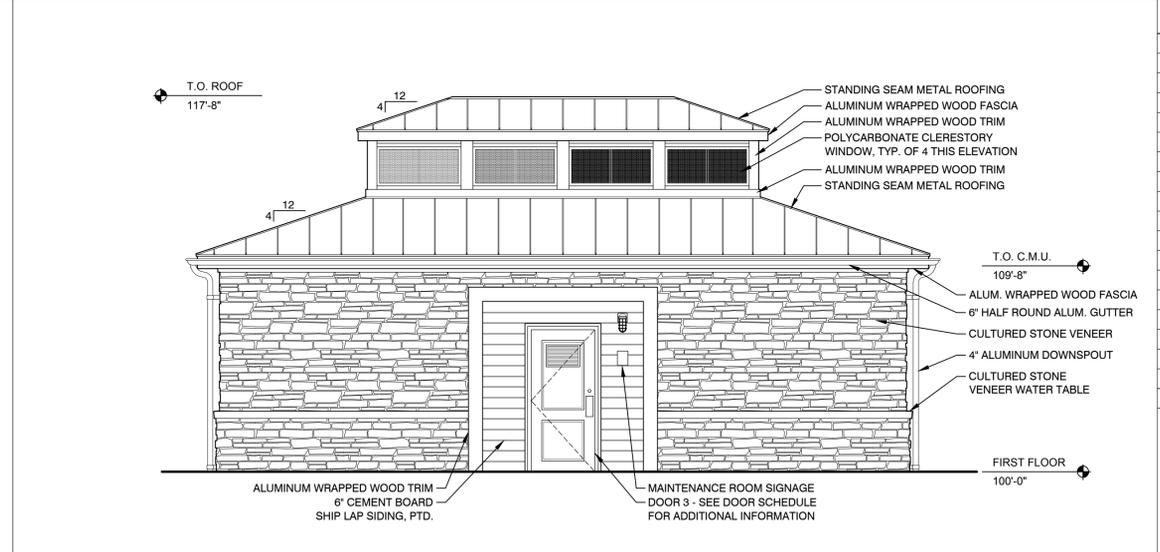
A11 PARTIAL BUILDING SECTION
1/4" = 1'-0"

F11 BUILDING SECTION
1/4" = 1'-0"

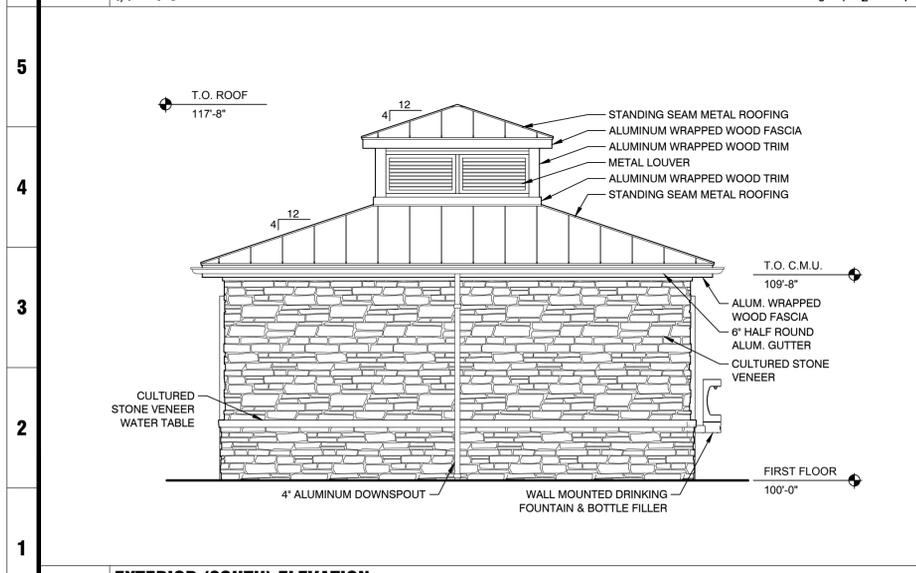
M11 BUILDING SECTION
1/4" = 1'-0"



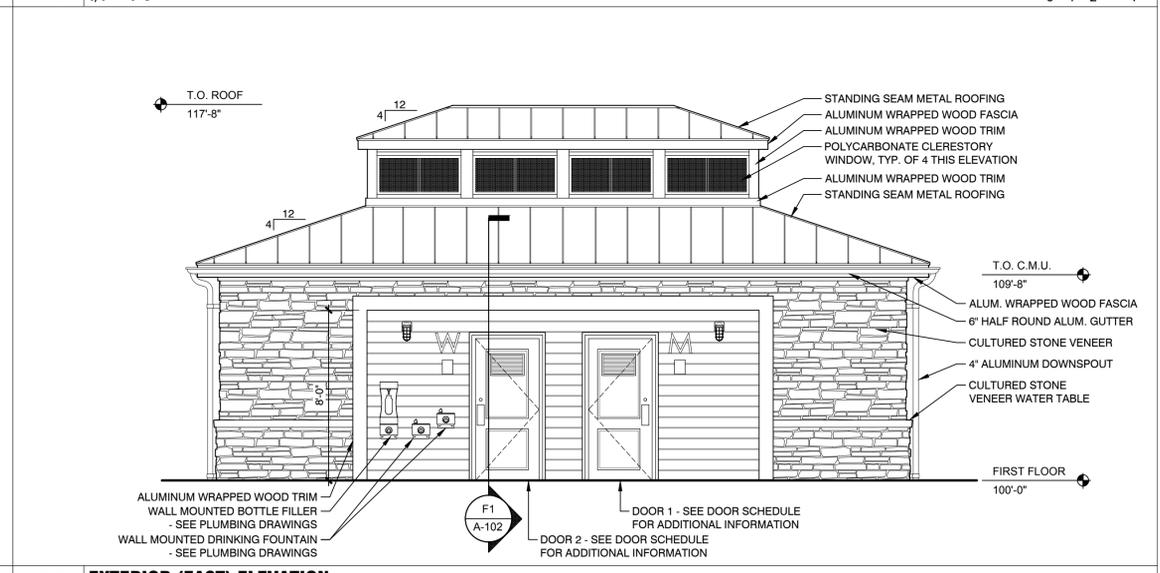
A6 EXTERIOR (SOUTH) ELEVATION
1/4" = 1'-0"



H6 EXTERIOR (WEST) ELEVATION
1/4" = 1'-0"



A1 EXTERIOR (SOUTH) ELEVATION
1/4" = 1'-0"



H1 EXTERIOR (EAST) ELEVATION
1/4" = 1'-0"

REST ROOM FIXTURE SCHEDULE

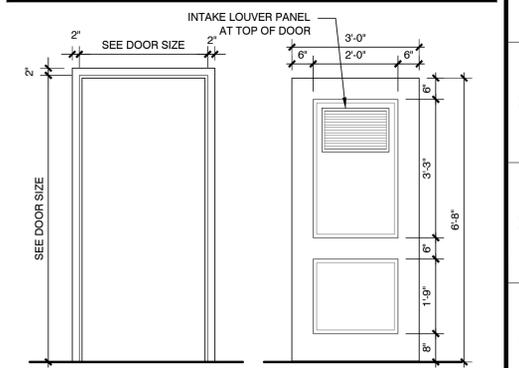
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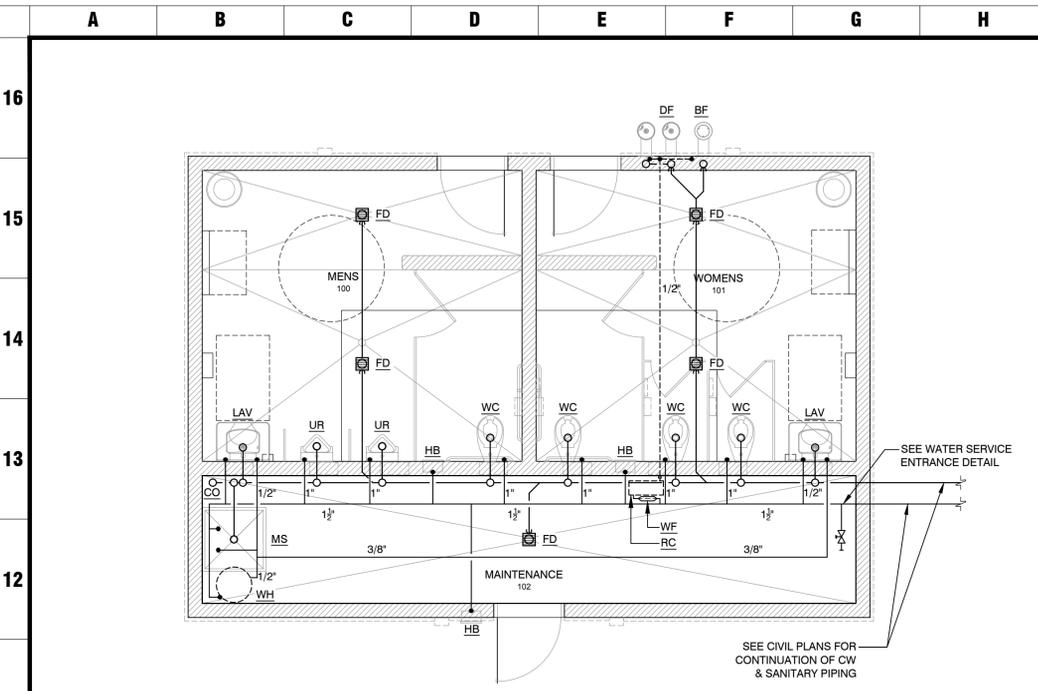
DOOR SCHEDULE

DOOR TAG	ROOM NAME	HW SET	SIZE	REMARKS
1	MEN'S RR	01	3'-0"x6'-8"	FIBERGLASS, EUROPEAN 2-PANEL
2	WOMEN'S RR	01	3'-0"x6'-8"	PELLA SERIES OR SIMILAR, WITH INTEGRAL LOUVER PANEL, TYP. OF 3
3	MAINTENANCE	02	3'-0"x6'-8"	

HARDWARE SETS
COORDINATE ELECTRONIC & SECURITY REQUIREMENTS WITH CITY OF DUBLIN & NORTHWESTERN OHIO SECURITY SYSTEMS, INC.

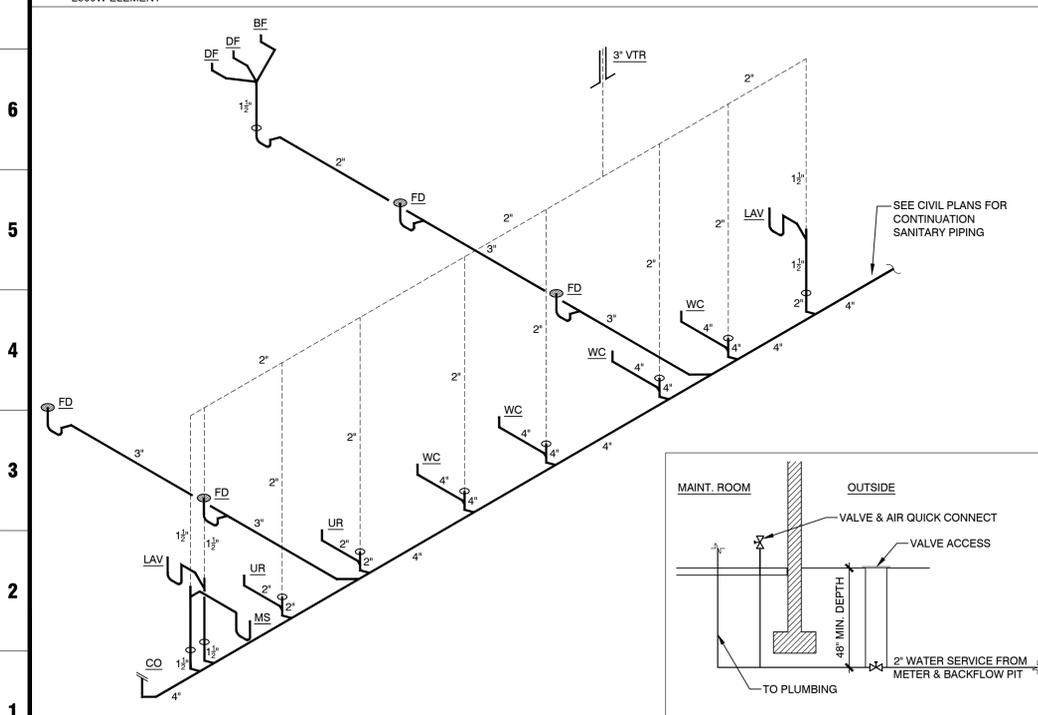
01	1 CONT. HINGE	MARKAR HG-315	1 CONT. HINGE	MARKAR HG-315
1	DOOR CLOSER	LCN 1460 SERIES	1 DOOR CLOSER	LCN 1460 SERIES
1	DEADBOLT (CLASSROOM FUNCTION)	SCHLAGE B-863P	1 DEADBOLT (CLASSROOM FUNCTION)	SCHLAGE B-863P
1	PUSH PLATE	TRIMCO 1001-11	1 PASSAGE SET	SCHLAGE L9010
1	DOOR PULL	TRIMCO 1014-3B	1 SET SEALS	PEMCO
1	SET SEALS	PEMCO	1 WALL STOP	TRIMCO 1270X
1	WALL STOP	TRIMCO 1270X		





A9 PLUMBING PLAN
1/4"=1'-0"

- PLUMBING FIXTURES**
- LAV: ADA LAVATORY - BRADLEY MODEL #FL-1L "FREQUENCY"
 - UR: URINAL - AMERICAN STANDARD MODEL #6400.014 "STALLBROOK"
 - WC: WATER CLOSET - AMERICAN STANDARD MODEL # 3351.001 "AFWALL"
 - HB: HOSE BIB - SIMILAR TO WOODFORD MODEL B-74; INTERIOR WALL HYDRANT W/ASSE 1011 ANTI-SIPHON VACUUM BREAKER, 3/4" INLET, 3/4" HOSE THREADED OUTLET. UNIT TO HAVE LOCKING BRASS COVER/BRASS FINISH WITH LABEL "WATER" ON COVER FRONT.
 - MB: MOP BASIN - FIAT MODEL #MSB-2424 (MOLDED STONE) WITH INTEGRAL DRAIN
 - FD: FLOOR DRAIN - ZURN MODEL #ZN-415 CAST IRON FLOOR DRAIN WITH SECONDARY DRAINAGE/ANCHOR FLANGE, WEEPHOLES, ADJUSTABLE FRAME & GRATE WITH POLISHED NICKEL BRONZE FINISH. 6" DIAMETER ROUND TOP WITH SQUARE OPENINGS
 - DF: DRINKING FOUNTAIN - HALSEY TAYLOR MODEL #4405
 - BF: BOTTLE FILLER - HALSEY TAYLOR MODEL #4405BF
 - RC: REMOTE CHILLER - HALSEY TAYLOR MODEL #SJ-100
 - WF: INLINE WATER FILTER
 - CO: CLEANOUT - ZURN ZB-1470 FLUSH WITH FLOOR AND HAVE COUNTERSUNK BRASS HEADS
 - WH: WATER HEATER - A.O. SMITH DEL 20 WITH A.O. SMITH WALL MOUNT SHELF KIT & 2500W ELEMENT
- FREEZE PROTECTION NOTES**
- ALL PIPING, FIXTURES, EQUIPMENT, ETC. DOWNSTREAM OF EXTERIOR BELOW GRADE SHUT-OFF VALVE TO BE DRAINED OF WATER POST FACILITY SHUT-DOWN.
 - WATER HEATERS TO BE SHUT-DOWN, TANKS DRAINED, AND PREPPED FOR WINTER STORAGE PER MANUFACTURER'S RECOMMENDATIONS.
 - ALL DRAINS, INCLUDING FLOOR DRAINS, FLOOR SINKS, CATCH BASIN DRAINS, AND SHOWER DRAINS TO BE PROVIDED WITH BIO-DEGRADABLE ANTI-FREEZE OR OTHER EP/LOCAL SEWER AUTHORITY APPROVED LIQUID IN DRAIN TRAP.
 - ALL WATER CLOSET BOWLS TO BE PROVIDED WITH BIO-DEGRADABLE ANTI-FREEZE OR OTHER EP/LOCAL SEWER AUTHORITY APPROVED LIQUID.
 - UPON SHUT-DOWN OF FACILITY, THE DOMESTIC WATER METER AND ALL SYSTEM BACKFLOW PREVENTERS SHALL BE DISCONNECTED AS REQUIRED AND DRAINED FREE OF WATER WITH STORAGE BY OWNER.
 - ALL MIXING VALVES AND TRAP PRIMER VALVES TO BE DISCONNECTED, DRAINED, AND STORED POST SYSTEM SHUT-DOWN.



A1 SANITARY STACK
N.T.S.

F1 WATER SERVICE ENTRANCE DETAIL
N.T.S.

PANEL WIRING SCHEDULE (1-PHASE)

PANEL BOARD: "A"	VOLTAGE: 120/240	PHASE: 1	WIRE: 3
PANEL TYPE: TOD	MAINS: 100A MCB	MAINS RATING: 100A	AIC RATING: 10K
NEMA TYPE ENC.: 1	MOUNTING: SURFACE	OPTIONS:	NOTE:

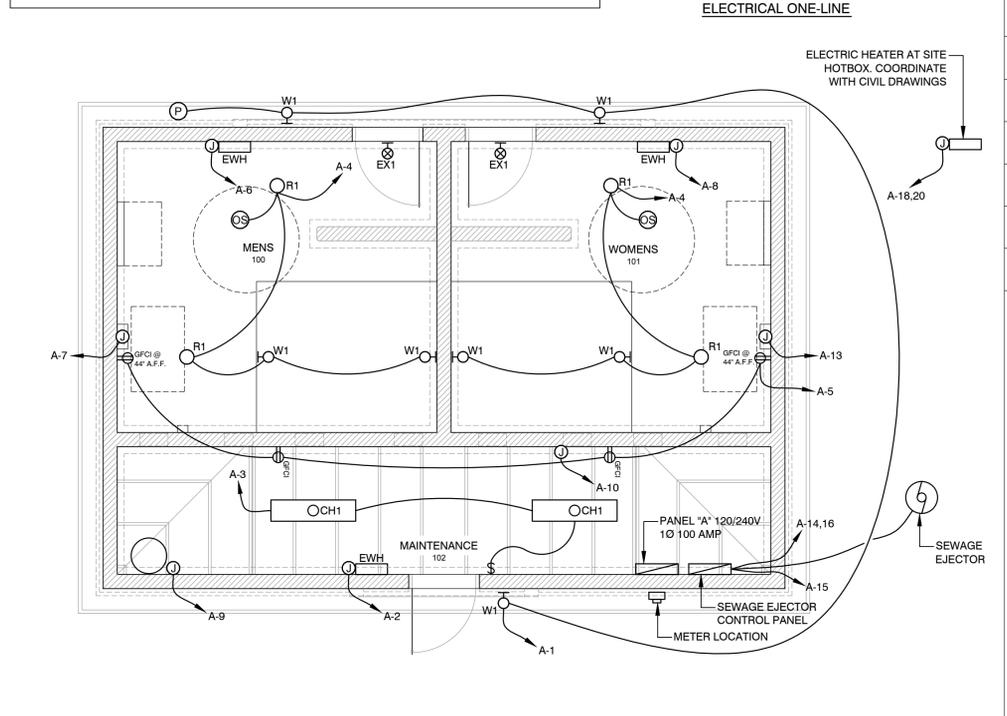
CKT.	LOAD DESCRIPTION	BRKR SIZE	BRKR OPTS	N.E.C. KW	ACTUAL KW	PHASE	ACTUAL N.E.C. KW	BRKR SIZE	BRKR OPTS	LOAD DESCRIPTION	CKT.
1	EXTERIOR LIGHTING	20/1		.6	A	1.5		20/1		WALL HEATER	2
3	INTERIOR LIGHTING	20/1		.2	B	.4		20/1		INTERIOR LIGHTING	4
5	RECEPTACLES	20/1		.8	A	1.5		20/1		WALL HEATER	6
7	HAND DRYERS	20/1		1.5	B	1.5		20/1		WALL HEATER	8
9	WATER HEATER	20/2		2.5	A	4		20/1		REMOTE CHILLER	10
11	HAND DRYER	20/1		1.5	A	2.8		20/1		SPARE	12
13	SEWAGE EJECTOR CONTROL	20/1		.1	B			20/2		SEWAGE EJECTOR	14
15	SPACE										16
17	SPACE							20/2		HOTBOX HEATER	18
19	SPACE										20
21	SPACE										22
23	SPACE										24

NOTES:
- All circuit breakers to be 20-amp, 1 pole unless otherwise noted.
- TC indicates circuit run through time clock.

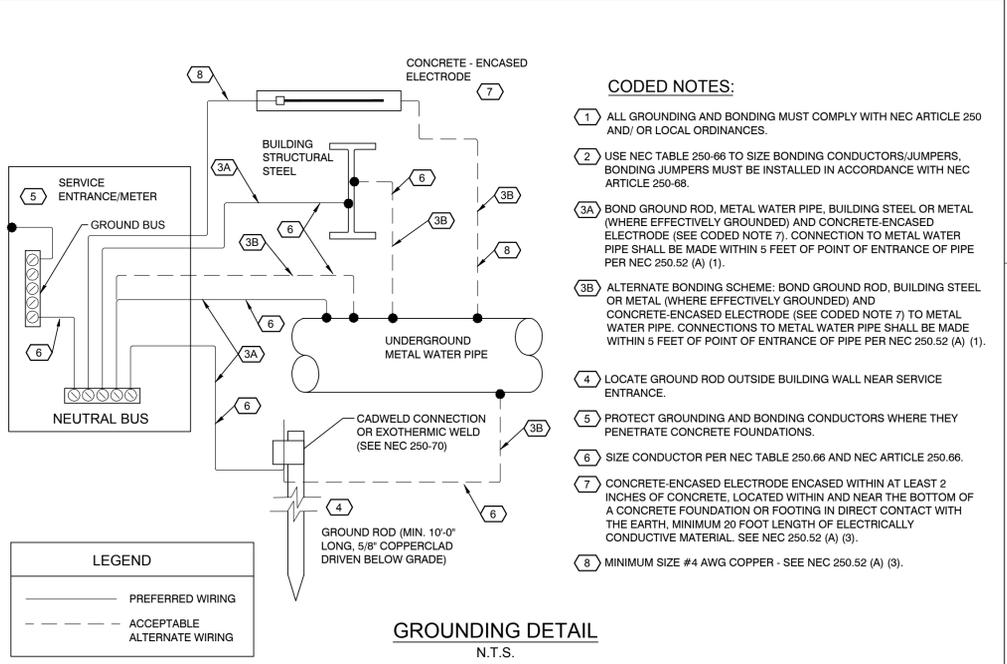
LOADS:
PH. A: 7.0
PH. B: 5.1
TOTAL: 12.1 (50A)

NEC CONNECTED TOTALS:
PH. A: 9.7
PH. B: 7.0
TOTAL: 15.4

BREAKER OPTIONS:
LO - Handle lock-off device
GFCI - Ground fault circuit interrupt
HACR - Heating, A/C & Refrigeration



J7 LIGHTING/ELECTRICAL PLAN
1/4"=1'-0"



GENERAL ELECTRICAL NOTES

- COORDINATE EXACT MOUNTING HEIGHTS OF LIGHTING & RECEPTACLES WITH ARCHITECTURAL PLAN, DETAILS, & ELEVATIONS PRIOR TO ROUGH-IN.
- THE ELECTRICAL CONTRACTOR SHALL INCLUDE ALL GROUNDING/BONDING TO MEET ALL REQUIREMENTS OF THE NATIONAL ELECTRICAL CODE. BONDING CONDUCTOR(S) SHALL BE SOLID COPPER, INSULATED, COVERED OR BARE AND SHALL NOT BE SMALLER THAN #8 AWG. CONNECTIONS SHALL BE MADE BY EXOTHERMIC WELDING OR BY LISTED PRESSURE CONNECTORS OR CLAMPS THAT ARE LABELED AS BEING SUITABLE FOR THE PURPOSE AND ARE STAINLESS STEEL, BRASS, COPPER, OR COPPER ALLOY.

LIGHTING/ELECTRICAL LEGEND

W1	WALL MOUNTED LIGHT FIXTURE MANUFACTURER: STONCO VWXL-32-HFL-1
EX1	WALL MOUNTED EXIT SIGN
R1	6" DOWN LIGHTING MANUFACTURER: PRESCOLITE CFT632EB-F602H-B24 LAMPS: (1) E32TBX/SPX35
CH1	CHAIN HUNG LIGHT FIXTURE MANUFACTURER: COLUMBIA CSR4-232-ST-EU
OS	OCCUPANCY SENSOR
PC	PHOTO CELL
DP	DUPLX RECEPTACLE
SP	SINGLE POLE SWITCH
EW	1500W ELECTRIC WALL HEATER
EP	ELECTRICAL PANEL
JB	JUNCTION BOX

GENERAL PLUMBING NOTES

- THIS WORK SHALL BE EXECUTED IN STRICT CONFORMITY WITH BASE BUILDING SPECIFICATION AND WITH THE LATEST EDITION OF THE PREVAILING PLUMBING AND BUILDING CODES AND ALL LOCAL REGULATIONS THAT MAY APPLY. IN CASE OF CONFLICT BETWEEN CONTRACT DOCUMENTS AND A GOVERNING CODE OR ORDINANCE THE MORE STRINGENT STANDARD SHALL APPLY.
- ALL SANITARY WASTE SHALL BE SOLVENT SEAL SCHEDULE 40 PVC-DWV AND SLOPED A MINIMUM OF 1/8" PER FOOT (3" OR LARGER) AND 1/4" PER FOOT (2" AND SMALLER). ALL MATERIALS SHALL COMPLY WITH CODE REQUIREMENTS.
- ALL VENT PIPING SHALL BE SOLVENT SEAL PVC-DWV OR THREADED GALVANIZED STEEL. MATERIAL SHALL COMPLY WITH CODE REQUIREMENTS.
- DOMESTIC WATER PIPING BELOW GRADE OR SLAB SHALL BE CPVC. WATER PIPING ABOVE SLAB SHALL BE PEX PLASTIC TUBING OR PEX-AL-PEX. PLASTIC AND ALUMINUM TUBING WITH MANUFACTURERS FITTINGS. INSTALL PER MANUFACTURERS DIRECTIONS.
- ALL PLUMBING FIXTURES SHALL BE SUPPLIED WITH INDIVIDUAL HEAVY DUTY SUPPLY STOPS AND CODE APPROVED P-TRAPS WITH CLEANOUTS. EXPOSED PIPING SHALL BE CHROME PLATED WITH CHROMED ESCUTCHEONS AT WALL PENETRATIONS.
- NO PIPING SHALL PASS DIRECTLY OVER ELECTRICAL POWER DISTRIBUTION CABINETS. CONTRACTOR TO COORDINATE PANEL LOCATIONS PRIOR TO PIPING INSTALLATION.
- ALL FLOOR DRAIN TRAPS SHALL BE PROVIDED WITH TRAP PRIMERS PER LOCAL CODES HAVING JURISDICTION.
- ALL HORIZONTAL VENT PIPING MAY NOT BE ON THIS PLAN FOR SAKE OF CLARITY. REFER TO SANITARY ISOMETRIC FOR VENT PIPING ROUTING AND PROVIDE COMPLETE VENTING SYSTEM IN ACCORDANCE WITH CODE.
- ALL PLUMBING WORK SHALL BE IN COMPLIANCE WITH ALL OTHER TRADES PRIOR TO PRECEDING WITH INSTALLATION.
- ALL DOMESTIC WATER BRANCH LINES SHALL HAVE BALL TYPE ISOLATION VALVES PROVIDED IN A PREFABBED MANIFOLD ARRANGEMENT. PROVIDE MANUFACTURERS ACCESS PANEL AS INDICATED.
- PROVIDE WATER HAMMER ARRESTORS (WHA) AT ALL WATER PIPE DROPS TO FIXTURES WITH QUICK CLOSING VALVES AND ON SYSTEMS WITH HIGHER THAN NORMAL PRESSURE WHERE WATER HAMMER MAY BE AN ISSUE.
- INSTALL ALL FLOOR CLEANOUTS TO CLEAR EQUIPMENT AND PROVIDE REQUIRED ACCESSIBILITY FOR MAINTENANCE.
- VERIFY INVERT ELEVATIONS AND EXACT LOCATIONS OF ALL UNDERGROUND UTILITIES PRIOR TO INSTALLING ANY UNDERGROUND PIPING. COORDINATE WITH SITE UTILITY CONTRACTOR.
- SEE CIVIL DRAWINGS FOR STORM DRAINAGE PIPING LOCATIONS AND REQUIREMENTS.

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MEP PLANS
PROJECT TITLE
SCIOTO PARK RESTROOM REPLACEMENT
7377 RIVERSIDE DRIVE
DUBLIN, OH 43016

SEAL
3
2
1

Christopher Meyers, License #9912445
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