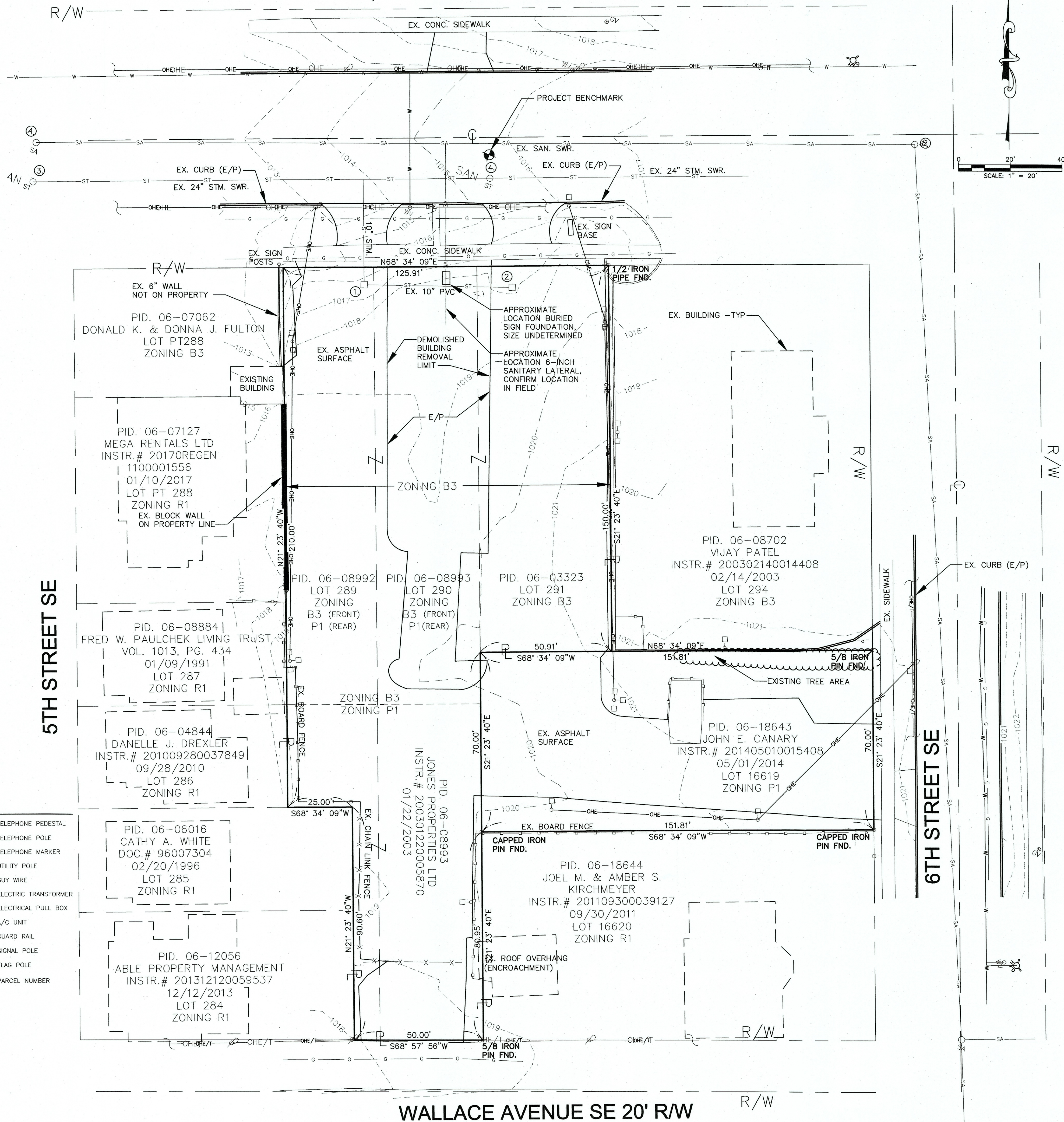


LINCOLN WAY EAST (SR 241 & SR 172) 100' R/W



VICINITY MAP
NOT TO SCALE

EXISTING STORM/SANITARY STRUCTURE SCHEDULE:

- | | |
|--|--|
| 1.) EX. CATCH BASIN
T/C= 1016.30
10"FL[N.&NE.]= 1013.8 | A.) EX. SANITARY MANHOLE
T/C= 1009.44
FL[NE.]= 998.96 |
| 2.) EX. CATCH BASIN
T/C= 1017.79
10"FL[SW.]= 1015.79 | B.) EX. SANITARY MANHOLE
T/C= 1018.15
FL[SW.]= 1001.65 |
| 3.) EX. STORM MANHOLE
T/C= 1009.79
24"FL[NE.]= 1003.35 | |
| 4.) EX. STORM MANHOLE
T/C= 1015.56
24"FL[SW.]= 1009.56 | |

FLOOD STATEMENT:

THIS PARCEL IS LOCATED IN ZONE "X".
AN AREA DETERMINED TO BE OUTSIDE
OF THE 0.2% ANNUAL CHANCE
FLOODPLAIN PER FIRM MAP NUMBER
39151C0192E EFFECTIVE DATE
SEPTEMBER 29, 2011

PROJECT BENCHMARK:

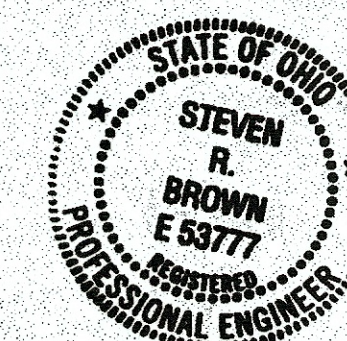
TOP OF CASTING OF
EXISTING STORM
MANHOLE
ELEVATION = 1015.56

INDEX OF SHEETS

- 1 - SITE SURVEY
- 2 - DEMOLITION PLAN
- 3 - GRADING & UTILITY PLAN
- 4 - STORM PROFILES
- 5 - PAVING & STAKING PLAN
- 6 - SEDIMENT & EROSION CONTROL PLAN
- 7 - SIDEWALK & MISC. DETAILS
- 8 - DETAILS

PLAN PREPARED BY:

BRH
Group, Inc.
Engineering & Surveying
Suite 102
1500 West Third Avenue
Columbus, Ohio 43212
Phone: (614) 220-9122
Email: info@brhgroup.com



By *Steven R. Brown*
Registered Engineer

2.16.18
Date

Signatures below signify only agreement with the general
purposes and intent of project. All technical details
remain the responsibility of the owner and engineer
preparing the plans.

Approved by the Massillon City Engineer this *13th*
Day of *March*, 2018

By *J.M.P.*
Jonah M. Popiel, P.E.

Know what's below.
Call before you dig.

ANY LOCATIONS OF UNDERGROUND UTILITIES SHOWN
HEREON ARE BASED UPON VISIBLE ABOVE GROUND
STRUCTURES AND/OR RECORD DRAWINGS PROVIDED TO
THE SURVEYOR. LOCATIONS OF UNDERGROUND UTILITY
LINES AND STRUCTURES MAY VARY FROM LOCATIONS
SHOWN HEREON. ADDITIONAL BURIED UTILITY LINES AND
STRUCTURES MAY BE ENCOUNTERED. NO EXCAVATIONS
WERE MADE DURING THE PROGRESS OF THIS SURVEY TO
LOCATE BURIED UTILITIES/STRUCTURES. THIS SURVEY
SHOWS ONLY APPROXIMATE LOCATIONS OF UNDERGROUND
UTILITIES AND MUST BE VERIFIED AND FIELD CHECK BY
THE UTILITY COMPANIES BEFORE YOU DIG.

O.U.P.S. FIELD LOCATE TICKET NUMBER: A701302134

SURVEY PREPARED BY:



257 SOUTH COURT ST.
SUITE 6
MEDINA, OHIO 44056
PHONE (330) 723-1828
FAX (330) 723-6637

SYMBOLS

- | | | |
|--|--------------------------------|------------------------|
| ● 5/8"x30" REBAR SET W/
YELLOW I.D. CAP MARKED
"BRH GROUP" | ⊕ FIRE HYDRANT | ⊕ TELEPHONE PEDESTAL |
| ▲ RAILROAD SPIKE SET | ⊕ WATER VALVE | ⊕ TELEPHONE POLE |
| ■ MAG NAIL SET | ⊕ WATER METER | ⊕ TELEPHONE MARKER |
| ○ FOUND, AS LABELED | ⊕ CLEAN OUT | ⊕ UTILITY POLE |
| △ RAILROAD SPIKE FOUND | ⊕ GAS VALVE | ⊕ GUY WIRE |
| ⊕ MONUMENT FOUND | ⊕ GAS METER | ⊕ ELECTRIC TRANSFORMER |
| ⊕ CENTERLINE | ⊕ GAS MARKER | ⊕ ELECTRICAL PULL BOX |
| ⊕ PROPERTY LINE | ⊕ CATCH BASIN | ⊕ A/C UNIT |
| ⊕ SIGN | ⊕ CURB INLET | ⊕ GUARD RAIL |
| ● BOLLARD | ○ MANHOLE (TYPE NOTED ON PLAN) | ⊕ SIGNAL POLE |
| ⊕ MAIL BOX | R/W RIGHT-OF-WAY LINE | ⊕ FLAG POLE |
| | ⊕ LIGHT POLE | PID: PARCEL NUMBER |
-
- | | |
|-------|-----------------------|
| —SA— | SANITARY |
| —ST— | STORM |
| —W— | WATERLINE |
| —UGE— | UNDERGROUND ELECTRIC |
| —UGT— | UNDERGROUND TELEPHONE |
| —OHE— | OVERHEAD ELECTRIC |
| —OHT— | OVERHEAD TELEPHONE |

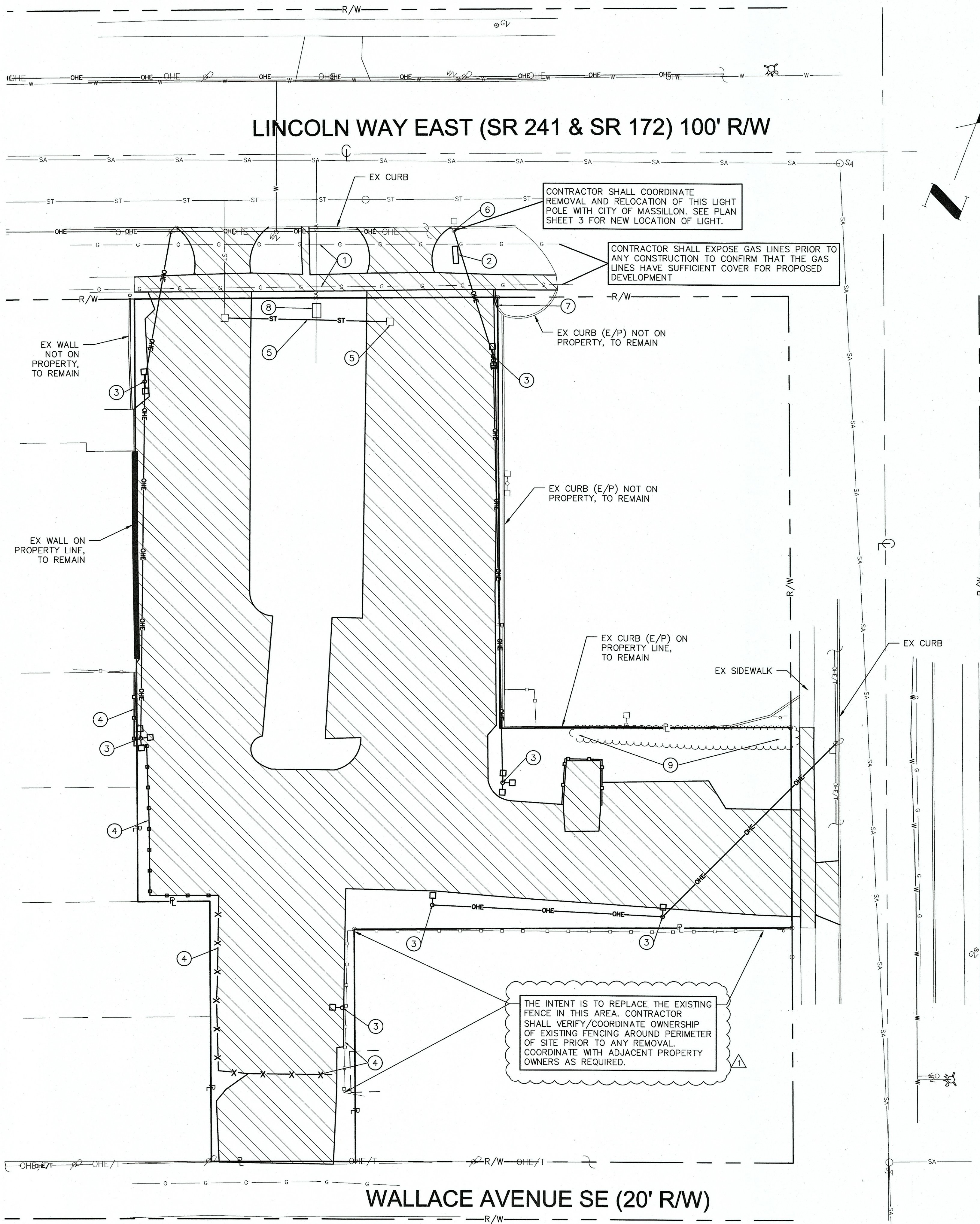
ARBY'S RESTAURANT GROUP
SITE IMPROVEMENT PLANS
515 LINCOLN WAY EAST
MASSILLON, OHIO

PROJECT NUMBER:
40300

ISSUE	DATE
OWNER REVIEW	JUNE 30, 2017
ZONING PERMIT	AUG 4, 2017
PERMIT	AUG 4, 2017
CONSTRUCTION	FEB 16, 2018

SITE SURVEY

1 of 8



GENERAL NOTES

THE REQUIREMENTS OF THE CITY OF MASSILLON, OHIO, TOGETHER WITH THE CONSTRUCTION AND MATERIAL SPECIFICATIONS AND THE STANDARD CONSTRUCTION DRAWINGS OF THE STATE OF OHIO DEPARTMENT OF TRANSPORTATION INCLUDING ALL SUPPLEMENTS THERETO, IN FORCE ON THE DATE OF CONTRACT, SHALL GOVERN ALL MATERIAL AND WORKMANSHIP INVOLVED IN THE IMPROVEMENTS SHOWN ON THESE PLANS, EXCEPT AS SUCH SPECIFICATIONS ARE MODIFIED BY THE CONSTRUCTION DETAILS SET FORTH ON THE PLANS OR IN THE NOTES.

THE CONTRACTOR SHALL BE SOLELY RESPONSIBLE FOR ALL FEDERAL STATE AND LOCAL SAFETY REQUIREMENTS, TOGETHER WITH EXERCISING PRECAUTIONS AT ALL TIMES FOR THE PROTECTION OF PERSONS (INCLUDING EMPLOYEES) AND PROPERTY. IT IS ALSO THE SOLE RESPONSIBILITY OF THE CONTRACTOR TO INITIATE, MAINTAIN AND SUPERVISE ALL SAFETY REQUIREMENTS, PRECAUTIONS AND PROGRAMS IN CONNECTION WITH THE WORK.

THE IDENTITY AND LOCATION OF THE EXISTING UNDERGROUND UTILITY FACILITIES KNOWN TO BE LOCATED IN THE CONSTRUCTION AREA HAVE BEEN SHOWN ON THE PLANS AS ACCURATELY AS PROVIDED BY THE OWNER OF THE UNDERGROUND UTILITY. THE CITY OF MASSILLON AND/OR THE ENGINEER ASSUME NO RESPONSIBILITY AS TO THE ACCURACY OR THE DEPTHS OF THE UNDERGROUND FACILITIES WHETHER OR NOT SHOWN ON THE PLANS.

THE CONTRACTOR SHALL CAUSE NOTICE TO BE GIVEN TO THE OHIO UTILITY PROTECTION SERVICE (TELEPHONE 1-800-362-2764-TOLL FREE) AND THE OWNER'S OF THE UNDERGROUND UTILITIES SHOWN ON THE PLANS WHO ARE NOT MEMBERS OF A REGISTERED UNDERGROUND PROTECTION SERVICE IN ACCORDANCE WITH SECTION 153.64 OF THE REVISED CODE.

SUPPORT, PROTECTION AND RESTORATION OF ALL EXISTING UTILITIES AND APPURTENANCES, SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR. THE COST OF THIS WORK SHALL BE INCLUDED IN THE PRICE BID FOR THE VARIOUS ITEMS.

THE CONTRACTOR SHALL OBTAIN ALL NECESSARY PERMITS.

ALL FIELD TILE BROKEN DURING EXCAVATION SHALL BE REPLACED TO ORIGINAL CONDITION OR CONNECTED EITHER TO CURB OR SUBDRAIN OR THE STORM SEWER SYSTEM AS DIRECTED BY THE ENGINEER.

ALL TRENCHES UNDER EXISTING OR PROPOSED PAVED AREAS OR DRIVES SHALL BE BACKFILLED WITH COMPACTED GRANULAR BACKFILL, FROM THE TOP OF THE BEDDING MATERIAL TO THE PAVEMENT SUBGRADE OR TO A PLANE SIX (6) INCHES BELOW THE TOP OF THE GROUND, BETWEEN THE LIMITS OF FIVE (5) FEET BEYOND THE EDGE OF PAVEMENT, PAVED SHOULDER, OR THE BACK OF CURB. UNLESS OTHERWISE SHOWN, TRENCHES NOT UNDER EXISTING OR PROPOSED PAVED AREAS BUT WITHIN EXISTING OR PROPOSED RIGHT OF WAY OR LAWN AREAS SHALL BE BACKFILLED WITH COMPACTED BACKFILL.

ROOF DRAINS, FOUNDATION DRAINS, AND OTHER CLEAN WATER CONNECTIONS TO THE SANITARY SEWERS ARE PROHIBITED.

STANDARD DRAWINGS

THE OHIO DEPARTMENT OF TRANSPORTATION
STANDARD CONSTRUCTION DRAWINGS LISTED BELOW
SHALL BE CONSIDERED A PART OF THESE PLANS.

MH-1.2
DM-1.4

LEGEND



REMOVE AND DISPOSE OF EXISTING FEATURES IN THIS AREA UNLESS OTHERWISE NOTED TO REMAIN. THIS REMOVAL INCLUDED BUT IS NOT LIMITED TO: BUILDING/FOUNDATIONS, PAVEMENT, CURBING, SIDEWALK, DUMPSTER ENCLOSURE/CONCRETE, LIGHTING, ETC... DISPOSAL OF MATERIALS SHALL BE PER ALL FEDERAL, STATE, OR LOCAL CODES IN PLACE.

PAVEMENT REMOVAL AREAS - EXISTING ASPHALT SHALL BE DISPOSED OF OFFSITE. EXISTING STONE BASE MATERIAL MAY BE RE-USED ON-SITE AS LONG AS MATERIAL IS CLEAN (NOT MIXED WITH SUBGRADE OR ORGANIC MATERIAL) AND HAS BEEN EVALUATED BY GEOTECHNICAL ENGINEER FOR REUSE. COORDINATE THE POTENTIAL USE OF THIS MATERIAL WITH CONSTRUCTION MANAGER.

DEMOLITION CODED NOTES ①

- EXISTING GAS LINES TO REMAIN IN PLACE. CONTRACTOR SHALL EXPOSE THESE LINES PRIOR TO ANY CONSTRUCTION TO CONFIRM THAT THE GAS LINES HAVE SUFFICIENT COVER FOR PROPOSED DEVELOPMENT.
 - EXISTING SIGN FOUNDATION TO BE REMOVED.
 - EXISTING LIGHT POLE, FOUNDATION, AND WIRING TO BE REMOVED.
 - EXISTING FENCE TO BE REMOVED (VERIFY OWNERSHIP PRIOR TO REMOVAL).
 - EXISTING STORM SEWER & CATCH BASIN TO BE REMOVED.
 - EXISTING LIGHT POLE TO BE REMOVED AND RELOCATED IN RIGHT-OF-WAY. COORDINATE THIS POLE REMOVAL WITH CITY OF MASSILLON. SEE PLAN SHEET 3 FOR NEW LIGHT POLE LOCATION.
 - REMOVE EXISTING CURB TO PROPERTY LINE.
 - APPROXIMATE LOCATION OF EXISTING BURIED SIGN FOUNDATION TO BE REMOVED. CONFIRM LOCATION IN FIELD.
 - ALL TREES ONSITE WILL NEED TO BE REMOVED FOR THE PROPOSED DEVELOPMENT. CONFIRM THE TREES ARE ON THE DEVELOPMENT PROPERTY PRIOR TO ANY REMOVAL.
- ALL CONSTRUCTION DEBRIS AND GARBAGE ASSOCIATED WITH PROJECT SHALL BE DISPOSED OF OFFSITE BY THE CONTRACTOR.
- CONTRACTOR IS RESPONSIBLE TO PROTECT ALL AREAS OUTSIDE OF REMOVAL AREAS. CONTRACTOR SHALL REPLACE/REPAIR ANY DAMAGE OUTSIDE OF THE DEMOLITION LIMITS IN LIKE, KIND, AND CHARACTER TO THE EXISTING.

SCALE: 1" = 20'

PLAN PREPARED BY:

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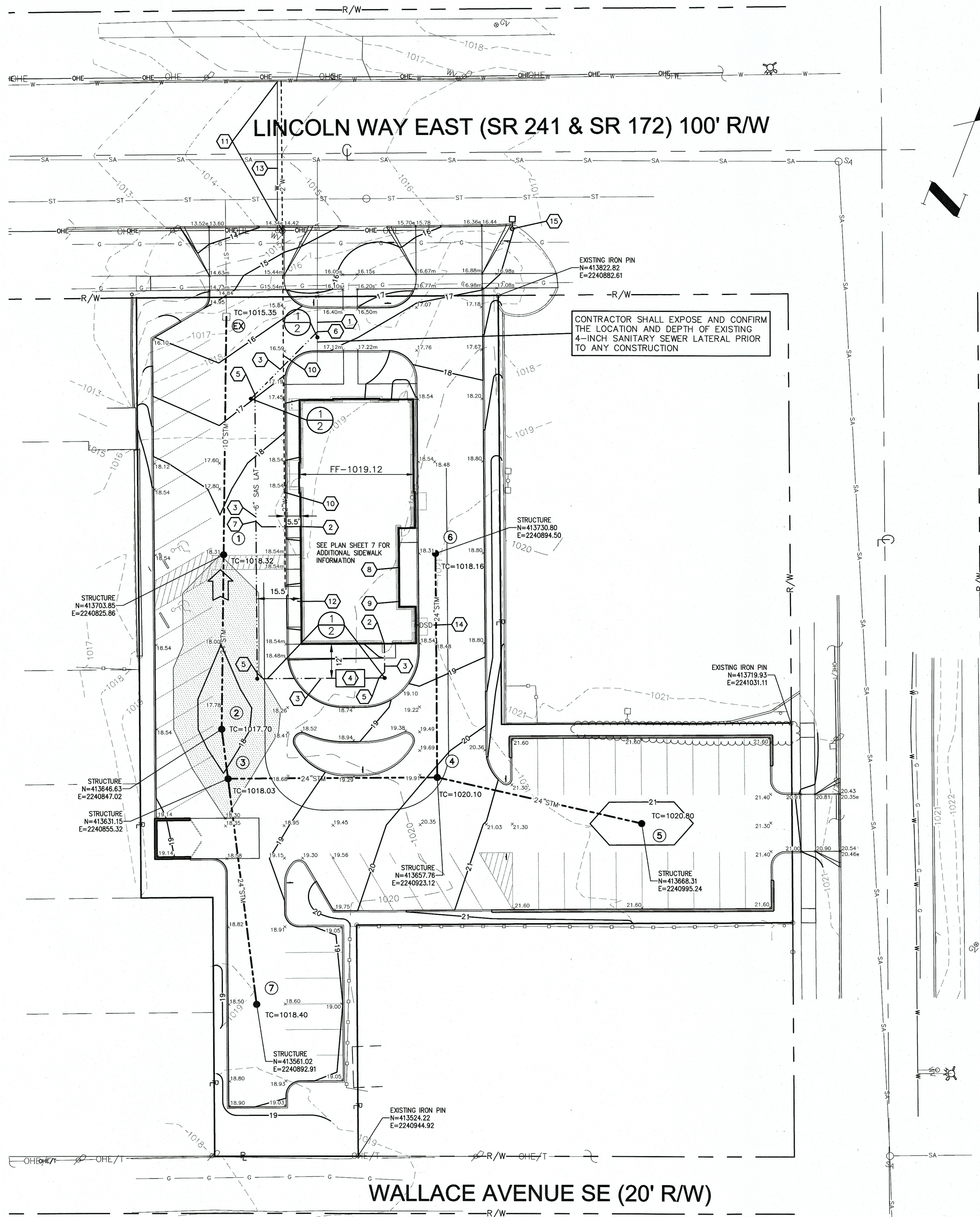
ARBY'S RESTAURANT GROUP
SITE IMPROVEMENT PLANS
515 LINCOLN WAY EAST
MASSILLON, OHIO

PROJECT NUMBER:
40336

ISSUE	DATE
OWNER REVIEW	JUNE 30, 2017
ZONING PERMIT	AUG 4, 2017
PERMIT	AUG 4, 2017
CONSTRUCTION	FEB 16, 2018

DEMOLITION PLAN

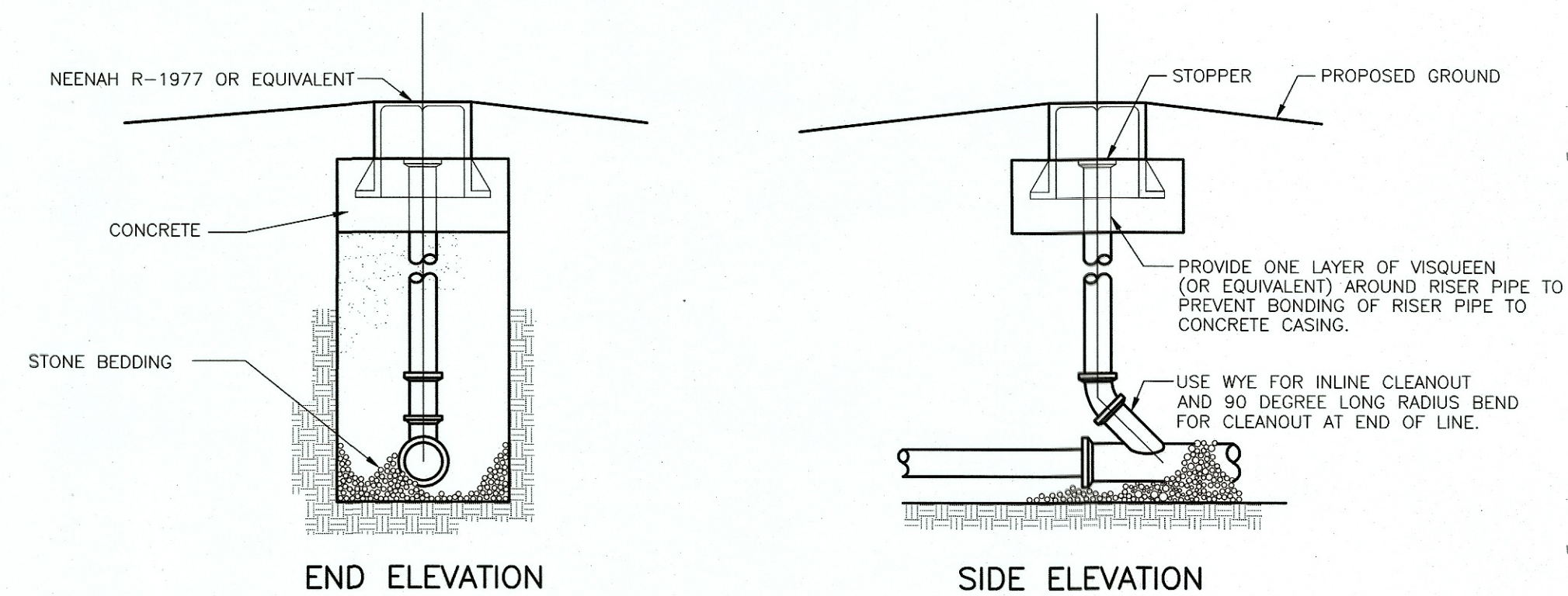
2 of 8



PLAN NOTES

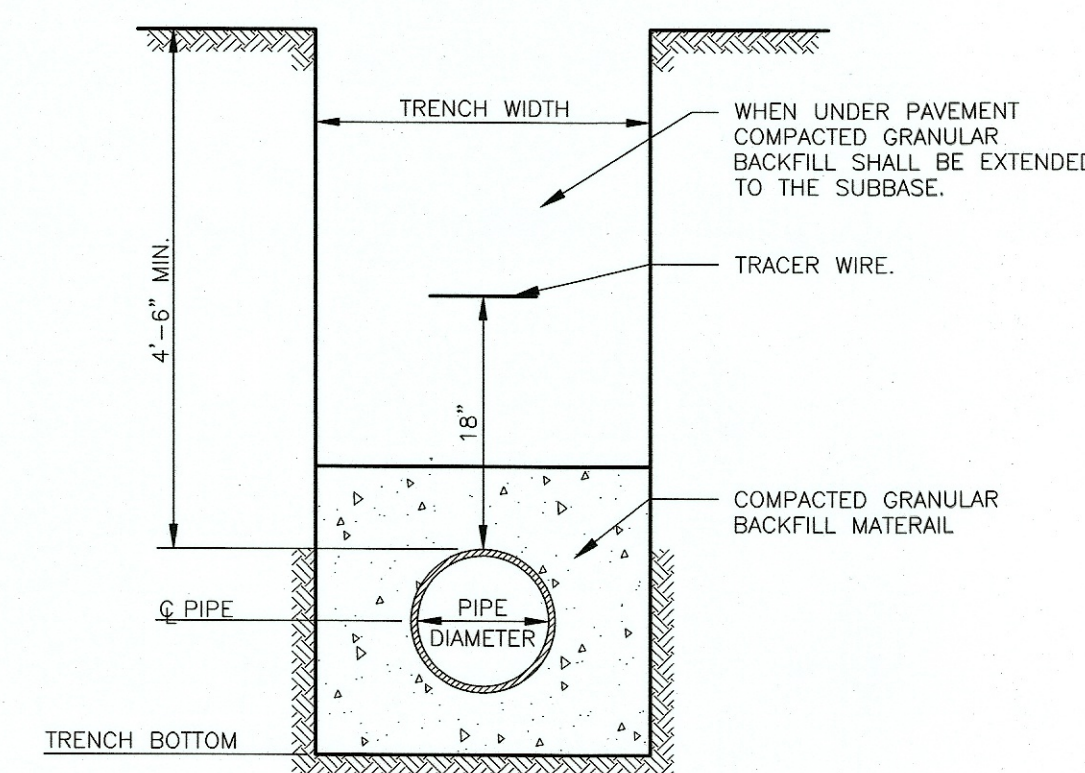
- EXISTING 6-INCH SANITARY SEWER LATERAL. EXACT LOCATION AND DEPTH NOT DETERMINED. CONTRACTOR SHALL EXPOSE LATERAL PRIOR TO ANY CONSTRUCTION TO CONFIRM THAT THE EXISTING SANITARY LATERAL HAS SUFFICIENT DEPTH TO SERVE PROPOSED SANITARY SEWER.
- PROPOSED 6-INCH SANITARY SEWER LATERAL CONNECTION POINTS TO BUILDING. CONFIRM LOCATION ON BUILDING PLUMBING PLAN. INVERT AT BUILDING 1015.12 (4'-FEET BELOW FINISHED FLOOR).
- 6" SDR-35 PVC (ASTM 3034) SANITARY SEWER LATERAL PIPE AT 2.08 % MINIMUM SLOPE. PROVIDE ALL FITTINGS REQUIRED FOR INSTALLATION OF SANITARY LATERAL SYSTEM. PROVIDE COMPACTED GRANULAR BACKFILL, FULL DEPTH OF TRENCH WHEN UNDER PAVEMENT.
- 1000 GALLON GREASE INTERCEPTOR. CASTINGS TO BE SET TO PROPOSED GRADE. SEE PLUMBING PLAN FOR DETAIL.
- T-WYE CONNECTION WITH CLEANOUT - SEE CLEANOUT DETAIL THIS SHEET.
- CONNECTION TO EXISTING SANITARY SEWER LATERAL. CONTRACTOR SHALL COORDINATE CLEANING EXISTING SANITARY LATERAL TO SANITARY MAIN PRIOR TO MAKING THIS CONNECTION. PROVIDE T-WYE AND CLEANOUT AT CONNECTION POINT.
- T-WYE CONNECTION OF BUILDING SANITARY SEWER. RISER WILL BE REQUIRED.
- GAS SERVICE LOCATION AT BUILDING - SEE PLUMBING PLANS FOR EXACT LOCATION. GAS SERVICE SHALL BE COORDINATED WITH LOCAL PROVIDER. ORDERING GAS SERVICE SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR. FINAL ROUTING & CONNECTION POINT TO BE DETERMINED BY LOCAL PROVIDER. CONTRACTOR IS RESPONSIBLE TO INSTALL ALL ITEMS REQUIRED BY LOCAL PROVIDER TO PROVIDE SERVICE.
- ELECTRIC & TELEPHONE SERVICE LOCATION AT BUILDING - SEE ELECTRICAL PLANS FOR EXACT LOCATION. ELECTRIC & TELEPHONE SERVICE SHALL BE COORDINATED WITH LOCAL PROVIDER. ORDERING ELECTRIC & TELEPHONE SERVICE SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR. FINAL ROUTING & CONNECTION POINT TO BE DETERMINED BY LOCAL PROVIDER. CONTRACTOR IS RESPONSIBLE TO INSTALL ALL ITEMS REQUIRED BY LOCAL PROVIDER TO PROVIDE SERVICE.
- 2-INCH WATER SERVICE. MATERIAL SHALL BE HDPE PLASTIC. TRENCH BACKFILL UNDER PAVEMENT SHALL BE COMPACTED GRANULAR MATERIAL. CONTRACTOR TO COORDINATE TAP AND ASSOCIATED FEES WITH THE CITY OF MASSILLON AND AQUA OHIO. BEFORE BACKFILLING TRENCH, AQUA OHIO SHALL BE CALLED FOR SERVICE LINE INSPECTION AT LEAST 24-HOURS BEFORE THE INSPECTION IS NEEDED. FOR SERVICE LINE INSPECTION CALL 330-832-5764.
- NEW 2-INCH HDPE WATER SERVICE TO BE INSTALLED UNDER LINCOLN WAY EAST. CONTRACTOR SHALL DETERMINE METHOD OF INSTALLATION AND COORDINATE WITH CITY OF MASSILLON AND AQUA OHIO. PROVIDE ALL FITTINGS REQUIRED (CORPORATION TAP AND VALVE, CURB STOP VALVE, VALVE BOXES, ETC...). INSTALLATION SHALL BE PER AQUA OHIO REQUIREMENTS.
- CONNECTION POINT, 2-INCH WATER SERVICE - SEE PLUMBING PLAN FOR EXACT LOCATION.
- ABANDON EXISTING WATER SERVICE. COORDINATE THIS WORK WITH AQUA OHIO.
- PROPOSED 6-INCH ROOF DRAIN - CONFIRM EXACT LOCATION OF ROOF DRAIN AT BUILDING WITH ARCHITECTURAL PLANS. DRAIN SHALL BE 6-INCH SDR-35 PVC PIPE AT 3 PERCENT MINIMUM SLOPE. EXTEND ROOF DRAIN TO BLIND TAP 24-INCH STORM SEWER. TRENCH BACKFILL UNDER PAVEMENT SHALL BE COMPACTED GRANULAR MATERIAL.
- LOCATION OF RELOCATED PUBLIC LIGHT POLE. SEE LIGHTING PLAN FOR DETAILS.

WATER SERVICE METER, IRRIGATION DEDUCT METER, AND BACKFLOW PREVENTION TO BE INSIDE OF THE BUILDING - COORDINATE THESE ITEMS WITH CITY OF MASSILLON AND AQUA OHIO PRIOR TO CONSTRUCTION.



1 CLEANOUT

NO SCALE



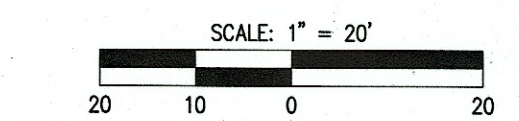
2 HDPE WATER LINE INSTALLATION

NO SCALE

LEGEND

- | | | | |
|----|-------------------------------------|---------|-------------------------------|
| • | = SANITARY CLEANOUT | 75.03a | = EXISTING SPOT ELEVATION |
| ○ | = EX STORM MH | 75.03 | = PROPOSED SPOT ELEVATION |
| □ | = EX STORM CB | 75.03m | = PROPOSED PAVEMENT TO MATCH |
| ~ | = FLOW | 75.03a | = PROPOSED SIDEWALK ELEVATION |
| — | = STORM CATCH BASIN W/FINGER DRAINS | — STM — | = STORM SEWER |
| — | = FLOOD ROUTING | — W — | = DSD/DOWNSPOUT DRAIN |
| TC | = TOP OF CASTING | — SAS — | = WATER LINE |
| | | — E — | = SANITARY SEWER |
| | | — T — | = ELECTRIC |
| | | — G — | = TELEPHONE |
| | | | = GAS |

NOTE: ALL ELEVATIONS ARE TOP OF PROPOSED PAVEMENT UNLESS OTHERWISE NOTED. ADD 1000 FEET TO ALL ELEVATIONS TO ACHIEVE USGS DATUM.

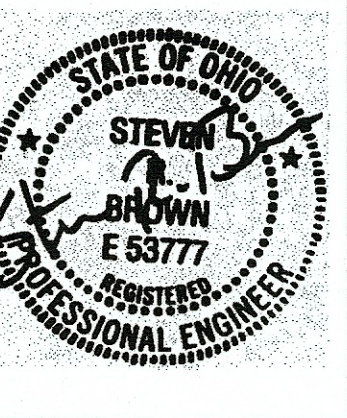


PLAN PREPARED BY:



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ARBY'S RESTAURANT GROUP
SITE IMPROVEMENT PLANS
515 LINCOLN WAY EAST
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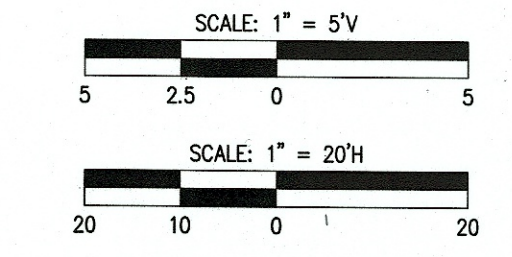
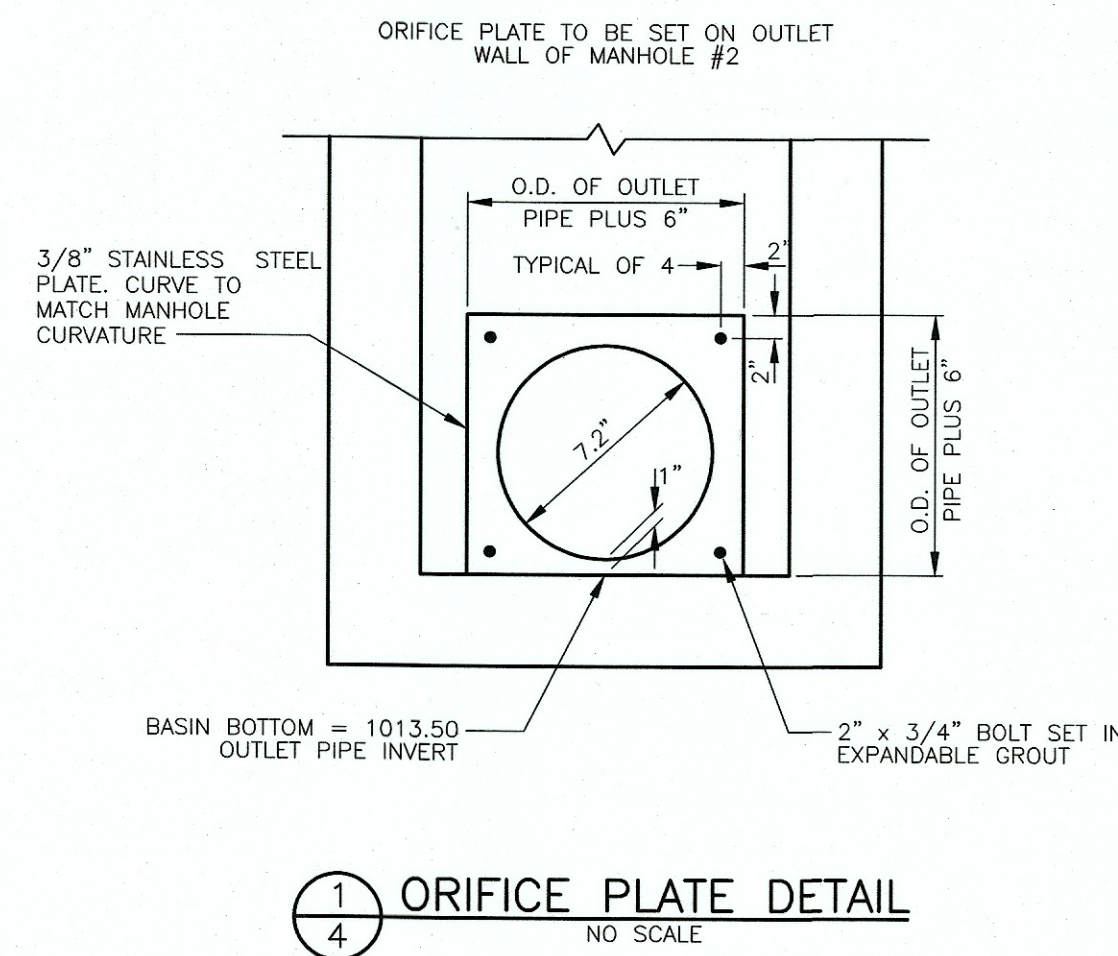
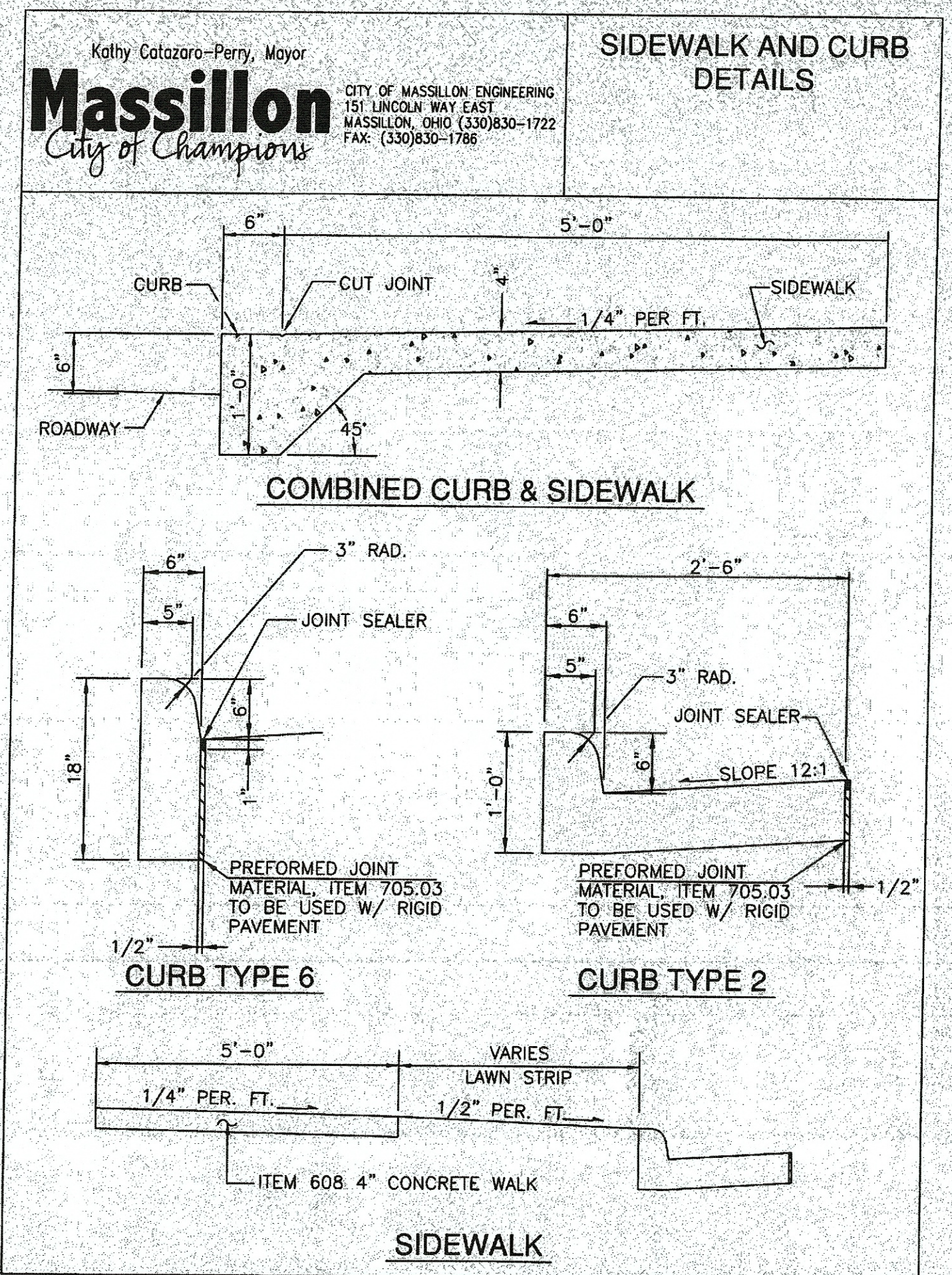
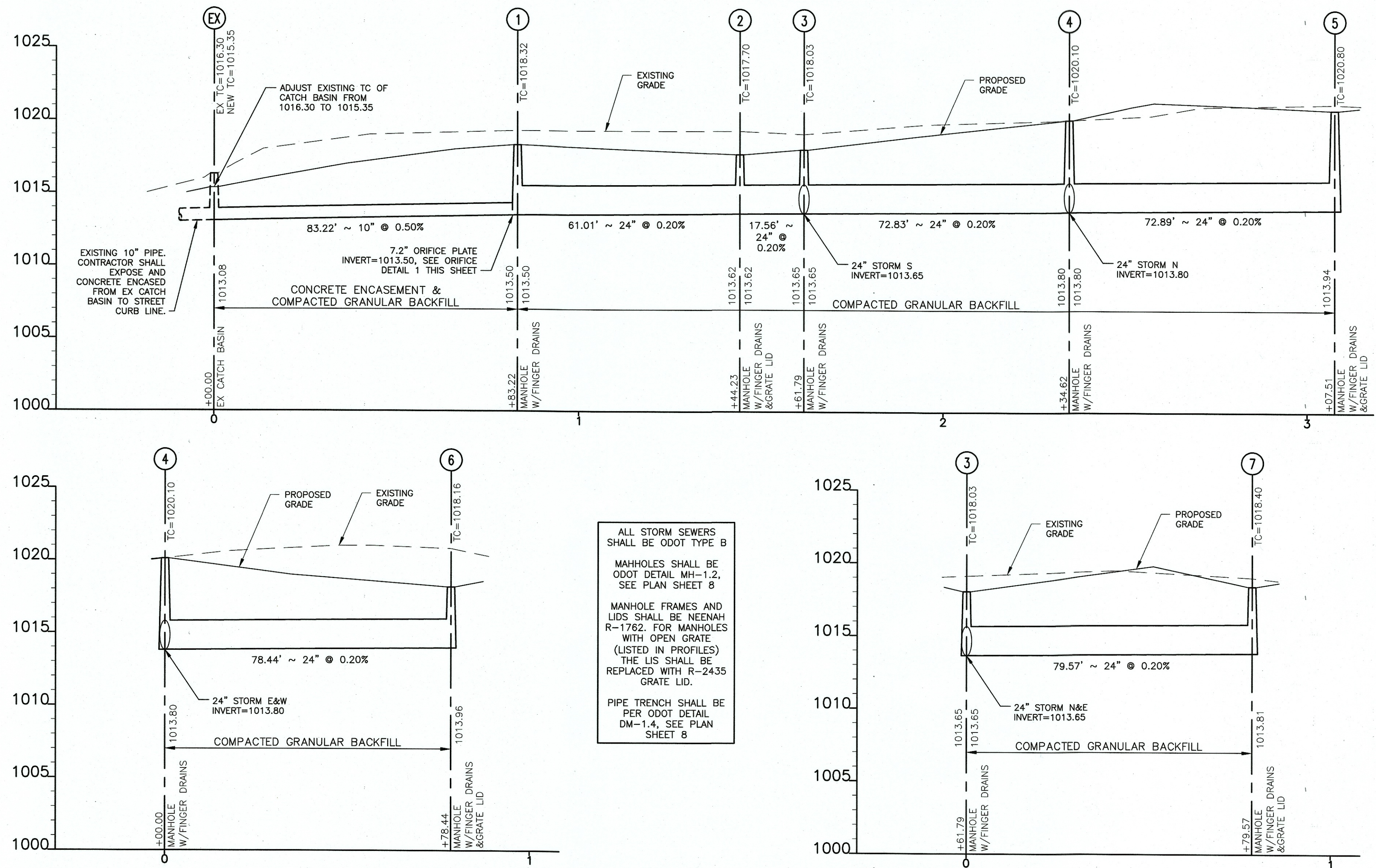
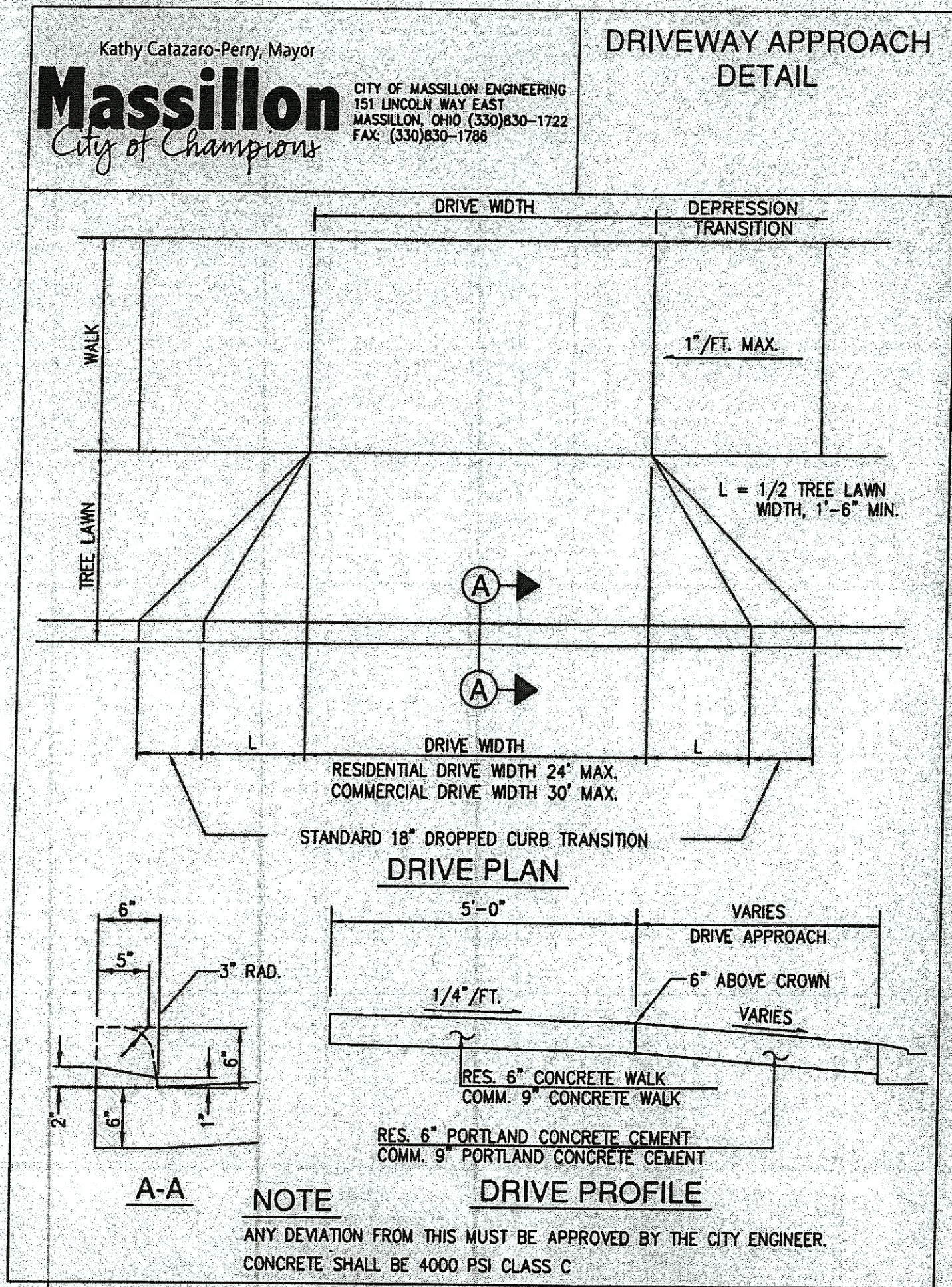
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GRADING & UTILITY PLAN

SHEET:

3 of 8



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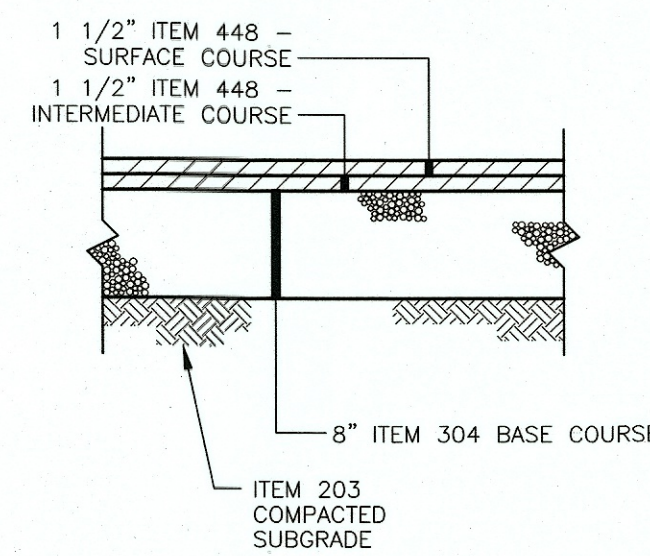
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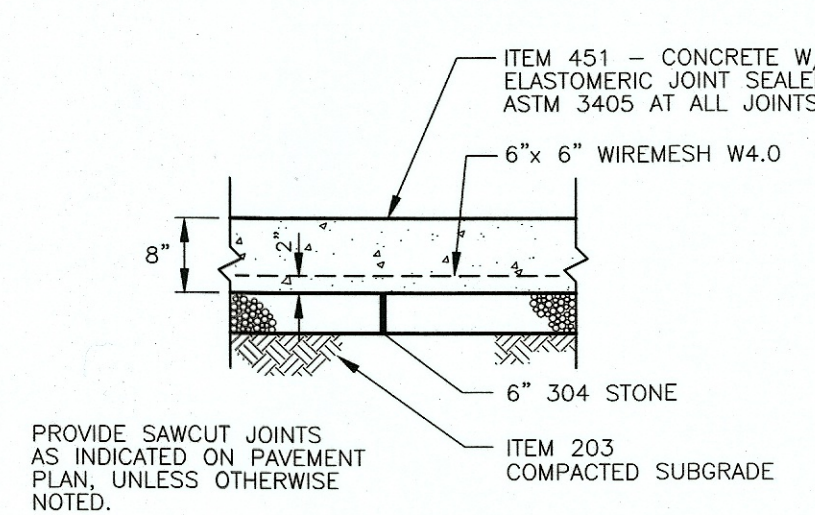
STORM PROFILES

[illegible]

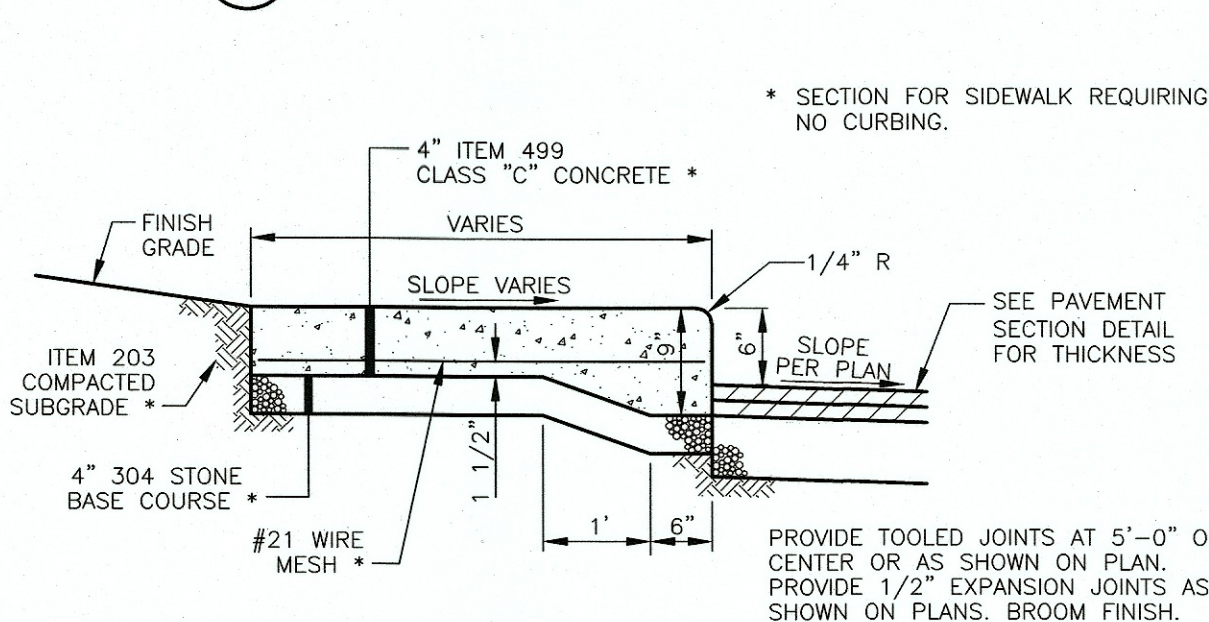
(5) NO SCALE



(5) NO SCALE



(5) NO SCALE



5 NO SCALE

1000

1. TRANSITION PROPOSED CURBING TO MATCH EXISTING IN 2- FEET.
2. TRANSITION PROPOSED CURBING FROM 6-INCHES TO 0-INCHES IN 2- FEET.
3. PROPOSED SIDEWALK AND PAVEMENT TO MATCH.
4. SIDEWALK TO TRANSITION FROM 6-INCHES TO 0-INCHES IN 6- FEET.

PAVEMENT SECTIONS PROVIDED BY OTHERS

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- [PS]** - PARKING SPACE (SOLID WHITE-4" WIDE)
- [TL]** - TRANSVERSE LINE (SOLID WHITE-4" WIDE
12" O/C @ 45° ANGLE, 4" WIDE
OUTER BAND)

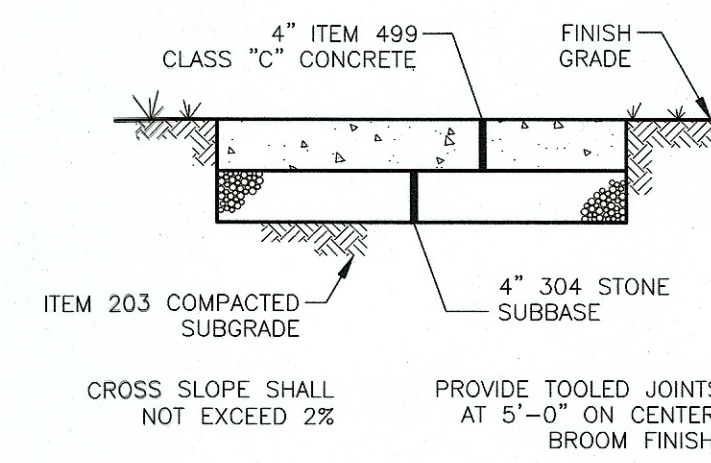
- [WS]** - INTERNATIONAL SYMBOL OF ACCESS
(WHEELCHAIR SYMBOL)
(36" HIGH, 41" WIDE, 4" STROKE, WHITE)

- ↑ — DIRECTIONAL ARROW, WHITE

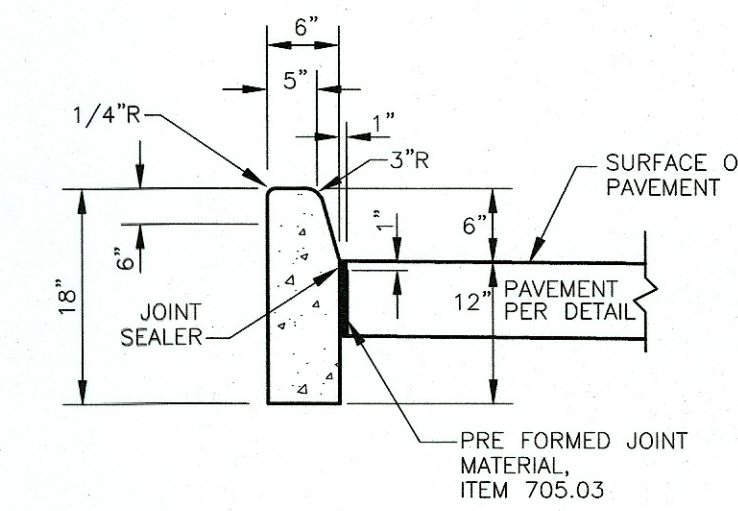
PAVEMENT MARKING SHALL MEET THE REQUIREMENTS OF ODOT ITEM 640 "PAVEMENT MARKING". PAINT SHALL MEET REQUIREMENTS OF COC ITEM 642 "TRAFFIC PAINT".

ALL SIGNAGE & STRIPPING SHALL MEET THE REQUIREMENTS OF THE, "OHIO MANUAL OF UNIFORM TRAFFIC CONTROL DEVICES" CURRENT ADDITION.

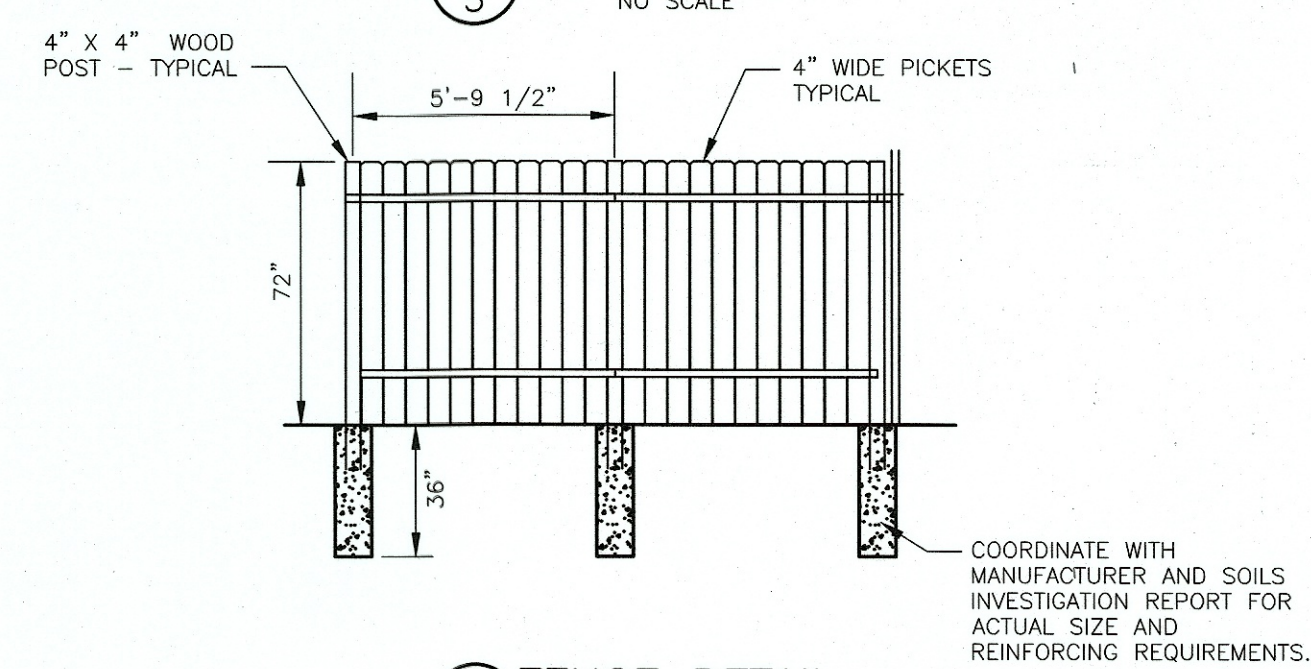
5 NO SCALE



(5) NO SCALE



5 SIGN DETAIL
NO. SCALE






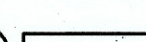

(5) NO SCALE

PROVIDED PARKING—ONSITE	
PARKING SPACES	45
HANDICAPPED SPACES	2
TOTAL PARKING SPACES	47


REQUIRED PARKING 1 SPACE/150 SF
PROPOSED BUILDING AREA = 3267 SF

$$3,267/150 = 21.78 = 22 \text{ PARKING SPACES REQUIRED}$$

TOTAL SITE AREA = 0.885 ACRES
PROPOSED PAVEMENT AREA = 0.642 ACRES
PROPOSED BUILDING AREA 0.075 ACRES
PROPOSED USE - RESTAURANT

- | | | | |
|---------------|---|---|----------|
| $\frac{1}{5}$ |  | LIGHT-DUTY ASPHALT PAVEMENT | |
| $\frac{2}{5}$ |  | HEAVY DUTY ASPHALT | |
| $\frac{3}{5}$ |  | CONCRETE PAVEMENT | |
| $\frac{4}{5}$ | $\frac{5}{5}$ |  | SIDEWALK |
| $\frac{6}{5}$ | $\frac{5}{5}$ |  | CURBING |

SCALE: 1" = 20'



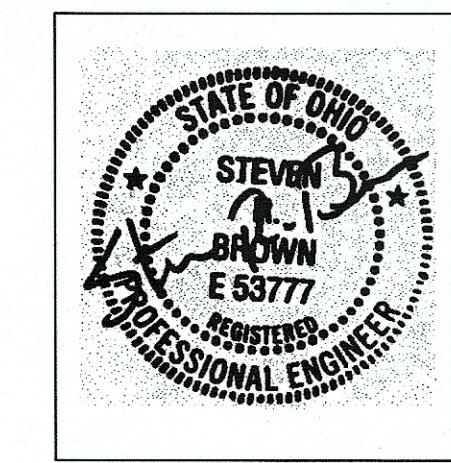
A horizontal graphic scale bar with alternating black and white segments. Below the bar, numerical labels are placed at the ends of the segments: 20, 10, 0, and 20. The bar is used to indicate distances in feet.

PLAN PREPARED BY:

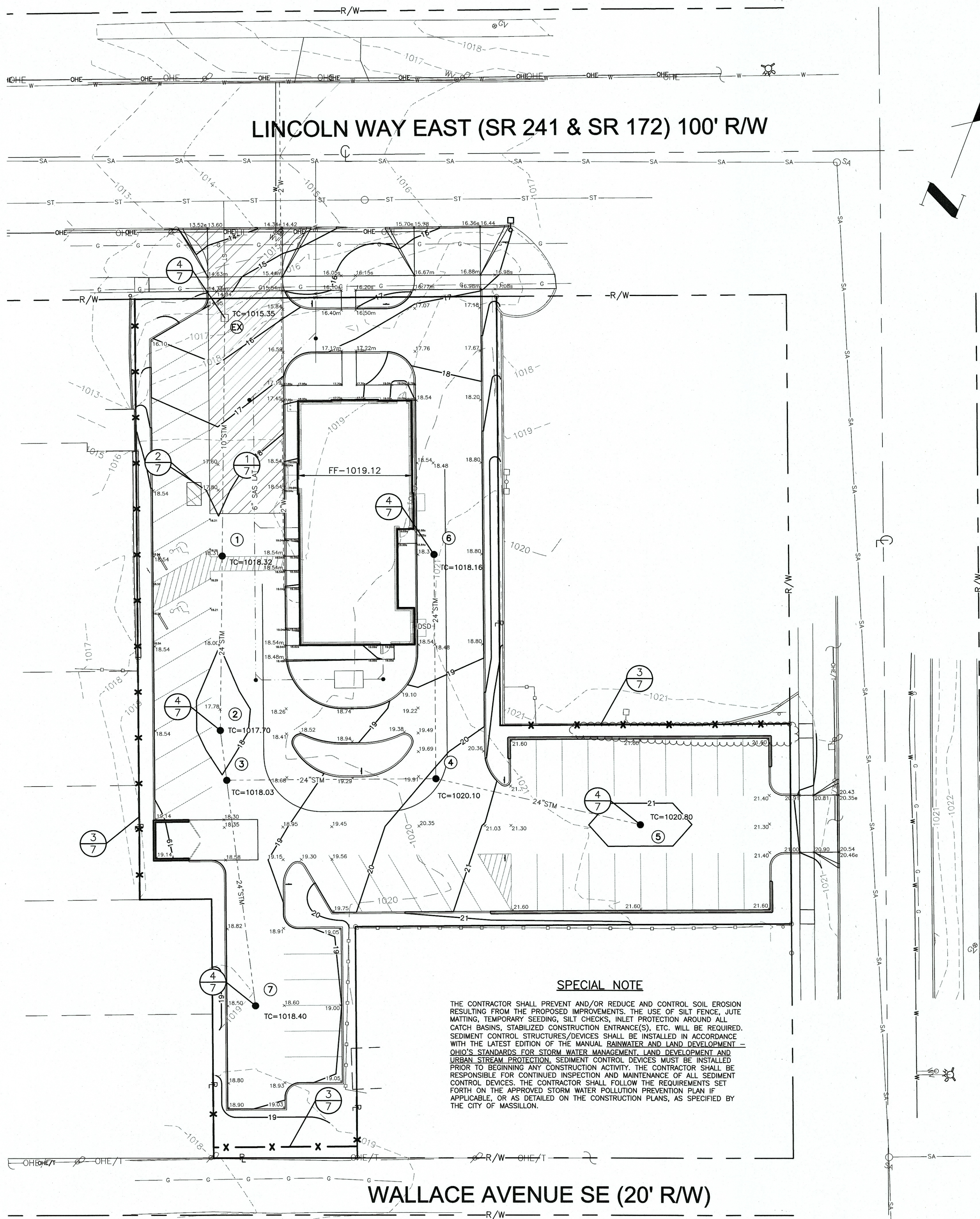
The logo for BRH Group, Inc. features the letters "BRH" in a large, stylized, outlined font. Below the letters, the words "Group, Inc." are written in a bold, sans-serif font. The entire logo is set against a dark rectangular background.

BRH
Group, Inc.

Engineering & Surveying
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[illegible]

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EROSION AND SEDIMENT CONTROL NARRATIVE

A - SITE DESCRIPTION: THIS PROJECT IS FOR DEMOLITION OF EXISTING PAVEMENT AND CONSTRUCTION OF A NEW BUILDING AT 515 LINCOLN WAY EAST IN MASSILON, OHIO. ACTIVITIES INCLUDE, DEMOLITION, BUILDING CONSTRUCTION, SITE GRADING, UTILITY INSTALLATION, PAVING AND SEEDING.
B - SITE AREA INFORMATION: THIS SITE CONSISTS OF 0.885 ACRES OF LAND, 0.885 ACRES IS BEING DISTURBED BY THIS PROJECT.
C - RUNOFF COEFFICIENTS: THE EXISTING SITE HAS A RUNOFF CURVE NUMBER OF 92. AFTER DEVELOPMENT THE RUNOFF CURVE NUMBER WILL BE 94.
D - DEVELOPED SITE PERCENTAGES: SITE = 0.885 ACRES, BUILDING = 0.075 ACRES (8.47%), PAVEMENT = 0.642 ACRES (72.55%), GREEN SPACE = 0.168 ACRES (18.98%).
E - SOILS: THE SOIL BORINGS REVEALED A GENERALIZED SOIL PROFILE OF TOPSOIL OVERLAYING A THIN CLAY-SILT CAP UNDERLAIN BY NATURAL PRECONSOLIDATED GLACIAL TILL DEPOSITS. TOPSOIL THICKNESS RANGED FROM APPROXIMATELY 0.5 TO 1.0 FEET.
F - SITE USES: THE SITE IS CURRENTLY UNDEVELOPED LAND.
G - PRIOR CHANNELIZATION: N/A
H - EROSION CONTROL CONSTRUCTION SEQUENCE: CONSTRUCTION ENTRANCE SHALL BE INSTALLED PRIOR TO THE INSTALLATION OF ALL OTHER EROSION CONTROL DEVICES. EROSION CONTROL DEVICES LOCATED AT THE PERIMETER OF THE SITE WILL BE INSTALLED PRIOR TO COMMENCING CLEARING AND GRADING. THE SITE WILL THEN BE CLEARED AND BROUGHT TO PROPOSED GRADE. STORM SEWER WILL BE INSTALLED AS EARLY AS POSSIBLE IN THE CONSTRUCTION PROCESS WITH INLET PROTECTION PROVIDED AT ALL STRUCTURES. ONLY AFTER AREAS HAVE BEEN PAVED AND SEEDED/SODDED MAY THE EROSION CONTROL DEVICES BE REMOVED AND STORM SEWER PIPE AND INLETS CLEANED OF ALL SEDIMENT INCURRED DURING CONSTRUCTION.
I - RECEIVING STREAM: THIS SITE DRAINS INTO THE CITY OF MASSILON STORM WATER SYSTEM.
J - SUBDIVIDED DEVELOPMENT EROSION CONTROL: N/A
K - PAVING PLANT DISCHARGES: N/A
L - OEPA PERMIT: SINCE THIS SITE IMPACTS LESS THAN ONE ACRE A OEPA NOI PERMIT IS NOT REQUIRED.
M - SITE CONTACTS:
PLAN DESIGNER: BRH GROUP, INC. 1500 WEST THIRD AVENUE, SUITE 102 COLUMBUS, OHIO 43212 PHONE: 614-220-9122
DEVELOPER: GDN, INC. 7101 Schoepf Drive Northfield, Ohio 44067 Attn: George Nadvi EMAIL: gdnadvi@aol.com PHONE: 248-766-2913
N - CONSTRUCTION SCHEDULE: ESTIMATED SEPTEMBER 1, 2017 TO MARCH 1, 2018.
O - MAINTENANCE: ALL EROSION CONTROL DEVICES ARE TO BE INSPECTED BY THE CONSTRUCTION SUPERINTENDENT DAILY AND WITHIN 24 HOURS OF ANY STORM EVENT GREATER THAN 1/2-INCH OF RAINFALL. INSPECTION LOGS SHALL BE MAINTAINED AS REQUIRED BY OEPA CONSTRUCTION GENERAL PERMIT. INSPECTION LOGS SHALL BE PROVIDED TO CANAL WINCHESTER UPON REQUEST. ANY DAMAGED FACILITIES ARE TO BE REPLACED/REPAIRED IMMEDIATELY.
P - EROSION AND SEDIMENT CONTROL PRACTICES ARE SUBJECT TO FIELD MODIFICATION AT THE DISCRETION OF THE CITY OF MASSILON.
Q - FUEL STORAGE/CONCRETE WASH OUT: FUEL STORAGE IS NOT ANTICIPATED FOR THIS PROJECT. A CONCRETE WASH OUT AREA IS SHOWN ON THE PLAN.
R - GARBAGE/TOXIC MATERIAL DISPOSAL: ALL GARBAGE WILL BE COLLECTED AND REMOVED OFFSITE. NO TOXIC MATERIALS ARE ANTICIPATED HOWEVER, CONTRACTOR SHALL DISPOSE OF ANY TOXIC MATERIALS IN ACCORDANCE WITH STATE AND FEDERAL REGULATIONS.
S - CRITICAL AREAS: THE ARE NO CRITICAL AREAS.
T - STABILIZATION: THE SITE SHALL BE STABILIZED IN ACCORDANCE WITH OEPA REQUIREMENTS. PERMANENT/TEMPORARY STABILIZATION REQUIREMENTS AND SEED MIXTURES ARE SHOWN ON THIS PAGE. STEEP SLOPES SHALL BE STABILIZED QUICKLY WITH STRAW BLANKETS, JUTE MATTING, OR SIMILAR GEOTEXTILE.
U - WATER QUALITY: SINCE THIS SITE IMPACTS LESS THAN ONE ACRE WATER QUALITY IS NOT REQUIRED.

SEDIMENTATION & EROSION CONTROL NOTES

1. EROSION AND SEDIMENTATION CONTROL PRACTICES SHALL BE INSTALLED AS A FIRST STEP IN THE CONSTRUCTION SEQUENCE AND SHALL BE FUNCTIONAL THROUGHOUT EARTH DISTURBING ACTIVITIES OF THE DEVELOPMENT PHASE.
2. ALL TRENCH DEWATERING EFFLUENT SHALL BE DISCHARGED THROUGH A SEDIMENTATION BASIN OR OTHER SETTLING DEVICE.
3. SHEET FLOW RUNOFF TO DENUDED AREAS SHALL BE DIVERTED TO AN APPROVED SETTLING STRUCTURE.
4. NO-BUILD ZONES AND TREE PRESERVATION AREAS SHALL BE CLEARLY IDENTIFIED BY HIGH VISIBILITY ORANGE PERIMETER FENCING.
5. PERSONNEL FROM CANAL WINCHESTER SHALL MAKE ROUTINE INSPECTIONS TO ENSURE THE EROSION AND SEDIMENTATION PLAN COMPLIANCE.
6. ADDITIONAL OR ALTERNATE EROSION AND SEDIMENTATION CONTROL PRACTICES, NOT INDICATED ON THIS PLAN, MAY BE REQUIRED DUE TO UNFORESEEN ENVIRONMENTAL AND/OR CHANGES IN DRAINAGE PATTERNS CAUSED BY EARTH MOVING ACTIVITIES.
7. RIGHT OF WAYS, CRITICAL AREAS AND DENUDED AREAS TO REMAIN DORMANT 14 DAYS OR AT FINAL GRADE SHALL BE SEEDED PRIOR TO BEING CONSIDERED FOR SUBSTANTIAL COMPLETION.
8. THE SUB-CONTRACTOR SHALL PLACE A DANDY BAG EROSION FILTER, OR APPROVED EQUAL, AROUND CATCH BASINS IMMEDIATELY AFTER THEIR CONSTRUCTION AND AT SUCH OTHER LOCATIONS AS MAY BE NECESSARY TO CONTROL EROSION AND TO PREVENT SEDIMENT FROM BEING CARRIED INTO STREAMS, ONTO ADJOINING PROPERTY, OR INTO THE STORM SEWER SYSTEM.
9. IT MAY BE NECESSARY TO REMOVE PORTIONS OF THE BARRIERS DURING CONSTRUCTION TO FACILITATE THE GRADING OPERATIONS, HOWEVER, THE BARRIERS SHALL BE IN PLACE IN THE EVENING AND DURING ANY INCLEMENT WEATHER.
10. THE CONTRACTOR SHALL CONTROL WASTES, GARBAGE, DEBRIS, WASTEWATER, AND OTHER SUBSTANCES ON THE SITE IN SUCH A WAY THAT THEY SHALL NOT BE TRANSPORTED FROM THE SITE BY THE ACTION OF WINDS, STORM WATER RUNOFF OR OTHER FORCES. PROPER DISPOSAL OR MANAGEMENT OF ALL WASTES AND UNUSED BUILDING MATERIALS, APPROPRIATE TO THE NATURE OF THE WASTE OR MATERIAL, IS REQUIRED. COMPLIANCE IS REQUIRED WITH ALL STATE OR LOCAL REGULATIONS REGARDING WASTE DISPOSAL, SANITARY SEWER, OR SEPTIC SYSTEMS.
11. PUBLIC ROADWAYS SHALL BE KEPT CLEARED OF ACCUMULATED SEDIMENT. CLEARING OF ACCUMULATED SEDIMENT SHALL NOT INCLUDE FLUSHING THE AREA WITH WATER. CLEARED SEDIMENT SHALL BE RETURNED TO THE POINT OF LIKELY ORIGIN OR OTHER SUITABLE LOCATION.
12. ALL ON-SITE STORM DRAIN INLETS SHALL BE PROTECTED AGAINST SEDIMENTATION WITH STRAW BALES, FILTER FABRIC, OR EQUIVALENT BARRIERS AS SHOWN ON THIS PLAN.
13. EXCEPT AS PREVENTED BY INCLEMENT WEATHER CONDITIONS, ALL DISTURBED AREAS TO REMAIN INACTIVE FOR MORE THAN 14 DAYS SHALL BE STABILIZED BY SEEDING, SODDING, MULCHING, COVERING, OR BY OTHER EQUIVALENT EROSION CONTROL MEASURES WITHIN SEVEN (7) DAYS. PERMANENT SOIL STABILIZATION SHALL BE PROVIDED WITHIN 7 DAYS AFTER FINAL GRADE IS ESTABLISHED.
14. THIS EROSION CONTROL PLAN SHALL BE IMPLEMENTED ON ALL DISTURBED AREAS WITHIN THE CONSTRUCTION SITE. ALL MEASURES INVOLVING EROSION CONTROL PRACTICES SHALL BE INSTALLED UNDER THE GUIDANCE OF QUALIFIED PERSONNEL EXPERIENCED IN EROSION CONTROL, AND FOLLOWING THE PLANS AND SPECIFICATIONS INCLUDED HEREIN.
15. DURING THE PERIOD OF CONSTRUCTION ACTIVITY, ALL EROSION CONTROL MEASURES SHALL BE MAINTAINED BY THE CONTRACTOR. AT THE COMPLETION OF CONSTRUCTION, THE CONTRACTOR SHALL COORDINATE THE TRANSFER OF MAINTENANCE RESPONSIBILITIES, IF REQUIRED, TO THE OWNER. MAINTENANCE SHALL BE IN ACCORDANCE WITH CHAPTER 7 OF THE SOIL CONSERVATION SERVICE MANUAL "WATER MANAGEMENT AND SEDIMENT CONTROL FOR URBANIZING AREAS".
16. ALL EROSION CONTROL PRACTICES SHALL BE IN ACCORDANCE WITH THE SOIL CONSERVATION SERVICE MANUAL "WATER MANAGEMENT AND SEDIMENT CONTROL FOR URBANIZING AREAS".
17. EXISTING VEGETATION SHALL BE PROTECTED AS MUCH AS PRACTICAL OUTSIDE OF CONSTRUCTION LIMITS.
18. POST CONSTRUCTION STORM WATER MANAGEMENT: THE SITE SHALL HAVE ADEQUATE VEGETATION AND LANDSCAPING TO FILTER POLLUTANTS AS MUCH AS PRACTICAL. LOCAL LAWS REGARDING THE DISCHARGING OF OIL AND OTHER POLLUTANTS INTO STORM SEWERS OR DRAINAGEWAYS SHALL APPLY.
19. ALL EROSION AND SEDIMENT CONTROLS SHALL BE INSPECTED IN ACCORDANCE WITH THE CONDITIONS OF APPLICABLE NPDES PERMITS.
20. ALL TEMPORARY EROSION AND SEDIMENT CONTROL PRACTICES SHALL BE REMOVED AND DISPOSED OF WITHIN THIRTY DAYS AFTER FINAL SITE STABILIZATION IS ACHIEVED OR AFTER THE TEMPORARY PRACTICES ARE NO LONGER NEEDED. TRAPPED SEDIMENT SHALL BE PERMANENTLY STABILIZED TO PREVENT FURTHER EROSION.
21. THIS EROSION CONTROL PLAN MUST BE RETAINED ON-SITE AT ALL TIMES DURING THE PERIOD OF CONSTRUCTION.
22. FIELD ADJUSTMENTS FOR LOCATION AND DIMENSION OF SEDIMENT CONTROL DEVICES MAY BE MADE AS REQUIRED.
23. TEMPORARY SEEDING SHALL BE DONE BETWEEN MARCH 15 AND SEPTEMBER 15. IF SEEDING IS DONE BETWEEN SEPTEMBER 15 AND MARCH 15, IT SHALL BE CLASSIFIED AS "TEMPORARY SEEDING". SEE SEEDING REQUIREMENTS THIS PLAN.
24. IF SHOWN ON THIS PLAN, ENERGY-DISSIPATION DEVICES OR EROSION CONTROL MEASURES AT THE OUTFALL OF THE STORM SEWER SYSTEM SHALL BE INSTALLED AT THE TIME OF THE CONSTRUCTION OF THE OUTFALL. THE PROPOSED DETENTION BASIN SHALL BE UTILIZED AS A SEDIMENT BASIN DURING CONSTRUCTION FOR AS LONG AS PRACTICAL.
25. STREAMS INCLUDING BED AND BANKS SHALL BE RESTABILIZED IMMEDIATELY AFTER IN-CHANNEL WORK IS COMPLETED, INTERRUPTED, OR STOPPED.
26. NO SOIL, ROCK, DEBRIS, OR ANY OTHER MATERIAL SHALL BE DUMPED OR PLACED INTO A WATER RESOURCE OR INTO SUCH PROXIMITY THAT IT MAY READILY SLOUGH, SLIP, OR ERODE INTO A WATER RESOURCE UNLESS SUCH DUMPING OR PLACING IS AUTHORIZED BY THE CITY ENGINEER AND, WHEN APPLICABLE, THE U.S. ARMY CORPS OF ENGINEERS, FOR SUCH PURPOSES AS, BUT NOT LIMITED TO, CONSTRUCTION BRIDGES, CULVERTS, AND EROSION CONTROL STRUCTURES.

PERMANENT STABILIZATION

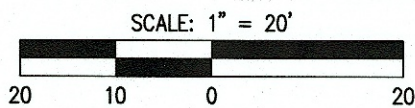
AREA REQUIRING PERMANENT STABILIZATION	TIME FRAME TO APPLY EROSION CONTROLS
ANY AREAS THAT WILL LIE DORMANT FOR ONE YEAR OR MORE	WITHIN SEVEN DAYS OF THE MOST RECENT DISTURBANCE
ANY AREAS WITHIN 50 FEET OF A SURFACE WATER OF THE STATE AND AT FINAL GRADE	WITHIN TWO DAYS OF REACHING FINAL GRADE
ANY OTHER AREAS AT FINAL GRADE	WITHIN SEVEN DAYS OF REACHING FINAL GRADE WITHIN THAT AREA

TEMPORARY STABILIZATION

AREA REQUIRING TEMPORARY STABILIZATION	TIME FRAME TO APPLY EROSION CONTROLS
ANY DISTURBED AREAS WITHIN 50 FEET OF A SURFACE WATER OF THE STATE AND NOT AT FINAL GRADE	WITHIN TWO DAYS OF THE MOST RECENT DISTURBANCE IF THE AREA WILL REMAIN IDLE FOR MORE THAN 14 DAYS
FOR ALL CONSTRUCTION ACTIVITIES, ANY DISTURBED AREAS THAT WILL BE DORMANT FOR MORE THAN 14 DAYS BUT LESS THAN ONE YEAR, AND NOT WITHIN 50 FEET OF A SURFACE WATER OF THE STATE	WITHIN SEVEN DAYS OF THE MOST RECENT DISTURBANCE WITHIN THE AREA FOR RESIDENTIAL SUBDIVISIONS, DISTURBED AREAS MUST BE STABILIZED AT LEAST SEVEN DAYS PRIOR TO TRANSFER OF PERMIT COVERAGE FOR THE INDIVIDUALS LOT(S).
DISTURBED AREAS THAT WILL BE IDLE OVER WINTER	PRIOR TO THE ONSET OF WINTER WEATHER

SEEDING MIXTURES

PERMANENT SEED MIX	
VNS CREEPING FESCUE	29.42%
VNS KY. BLUEGRASS	25.58%
GULF ANNUAL RYEGRASS	19.80%
VNS PERENNIAL RYE	19.62%
OTHER CROP SEED	00.05%
INERT MATTER	05.46%
WEED SEED	00.01%
TEMPORARY SEED MIX	
GULF ANNUAL RYEGRASS	99.08%
OTHER CROP SEED	00.50%
INERT MATTER	00.24%
WEED SEED	00.09%



PLAN PREPARED BY:

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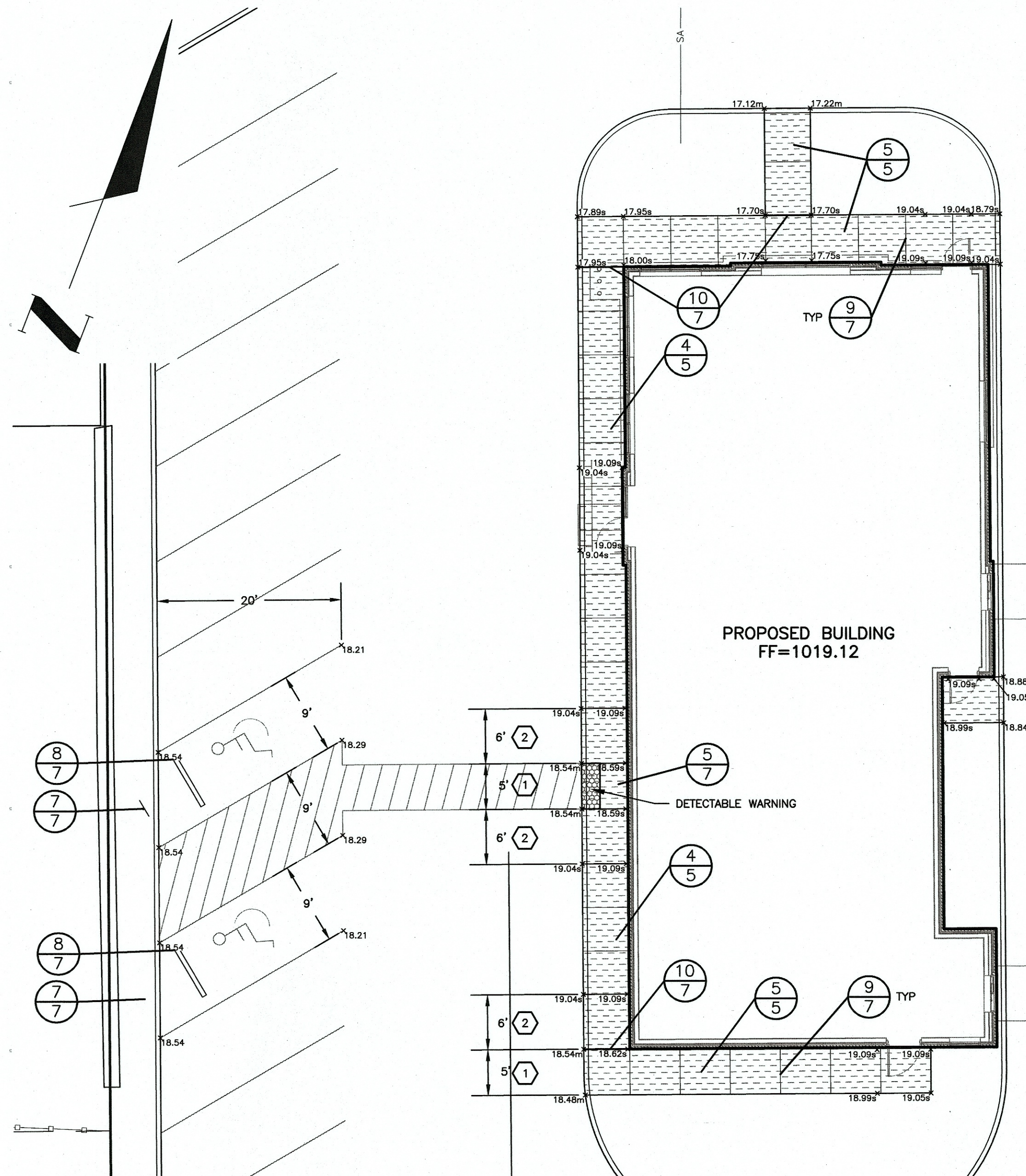
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ARBY'S RESTAURANT GROUP
SITE IMPROVEMENT PLANS
515 LINCOLN WAY EAST
MASSILON, OHIO

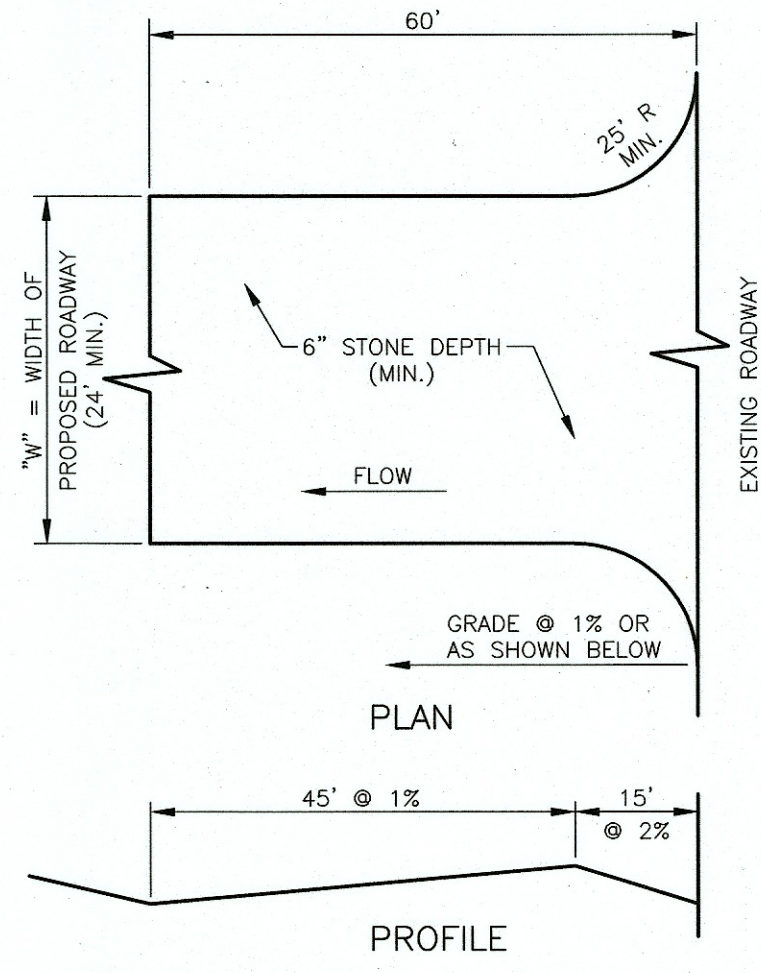
PROJECT NUMBER:
40336

ISSUE	DATE
OWNER PERMIT	JUNE 30, 2017
ZONING REVIEW	AUG 4, 2017
PERMIT	AUG 4, 2017
CONSTRUCTION	FEB 16, 2018

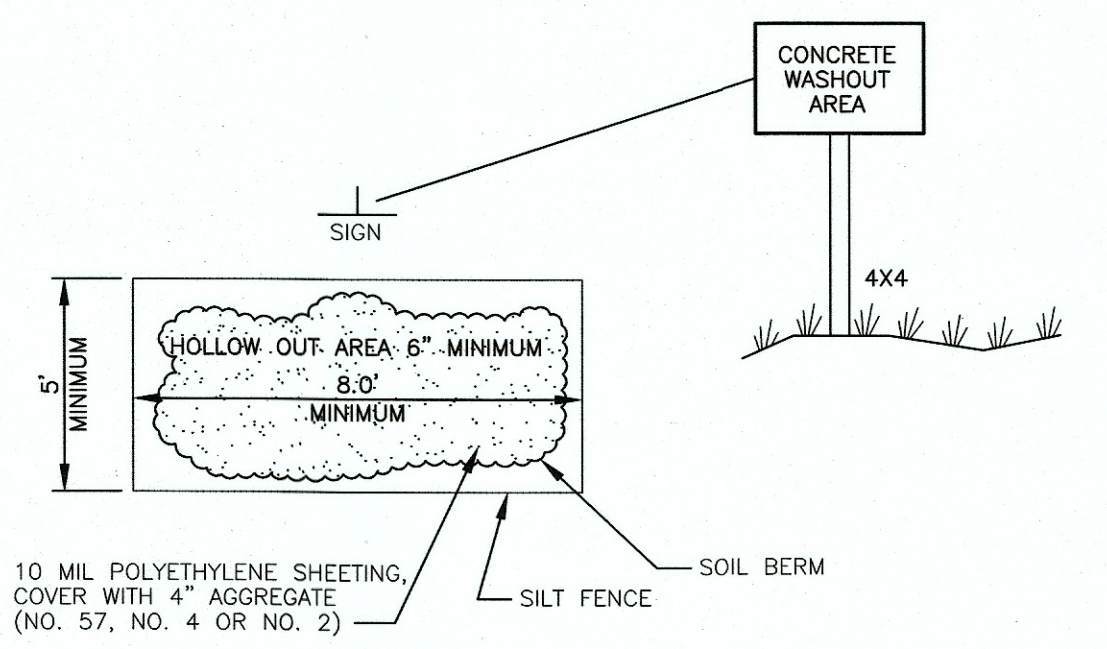
SEDIMENT & EROSION
CONTROL PLAN



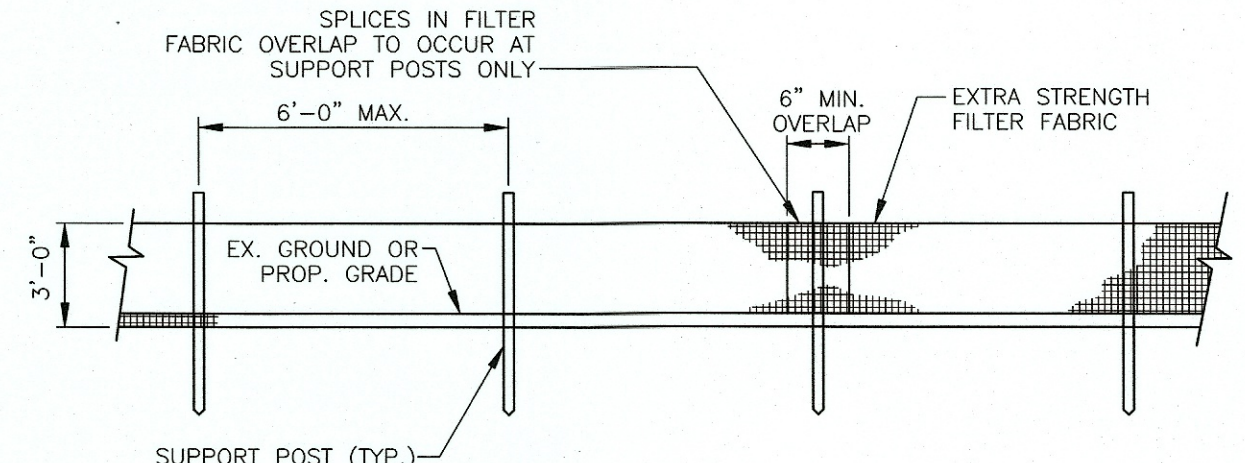
SIDEWALK ENLARGED PLAN
SCALE: 1"=10'



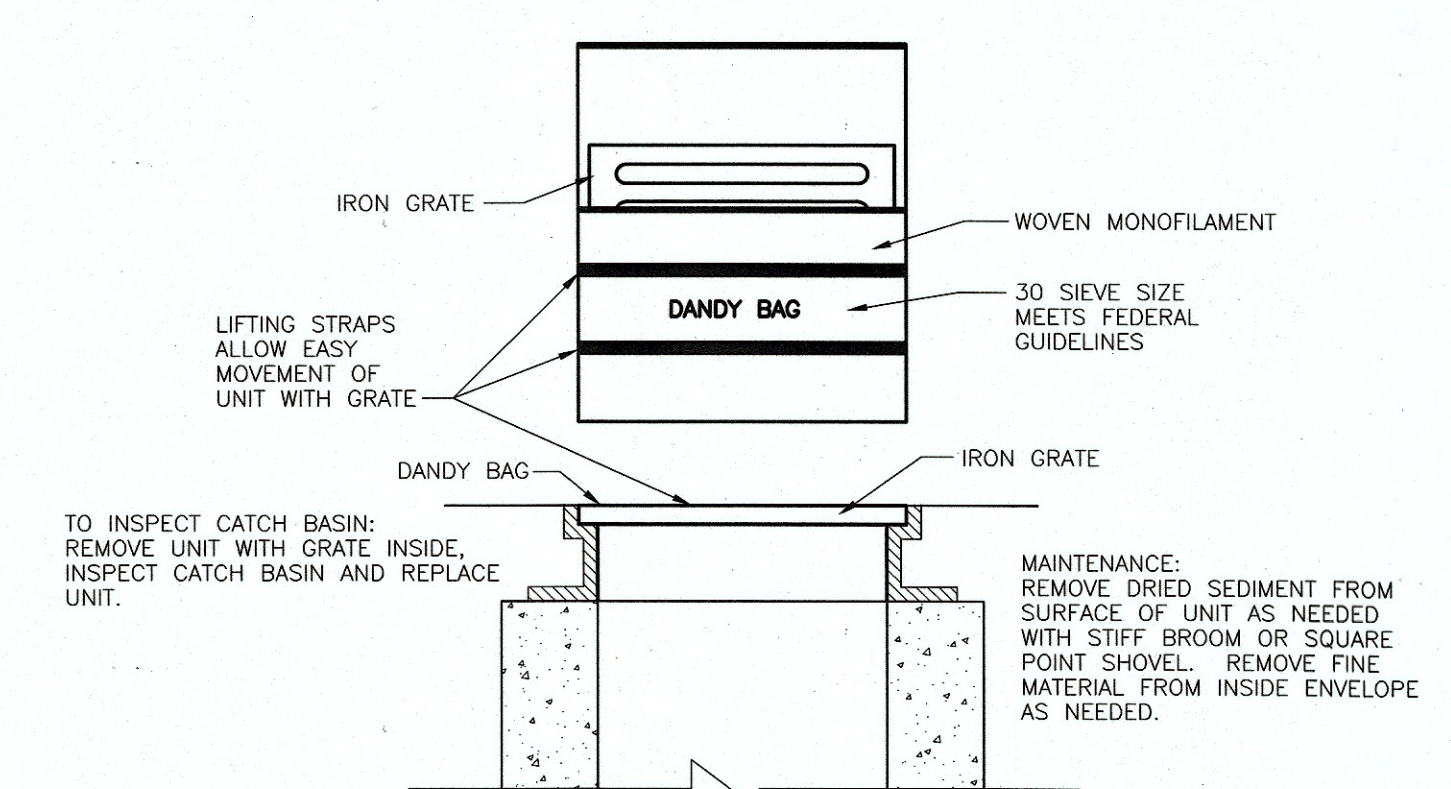
1 CONSTRUCTION ENTRANCE DETAIL
NO SCALE



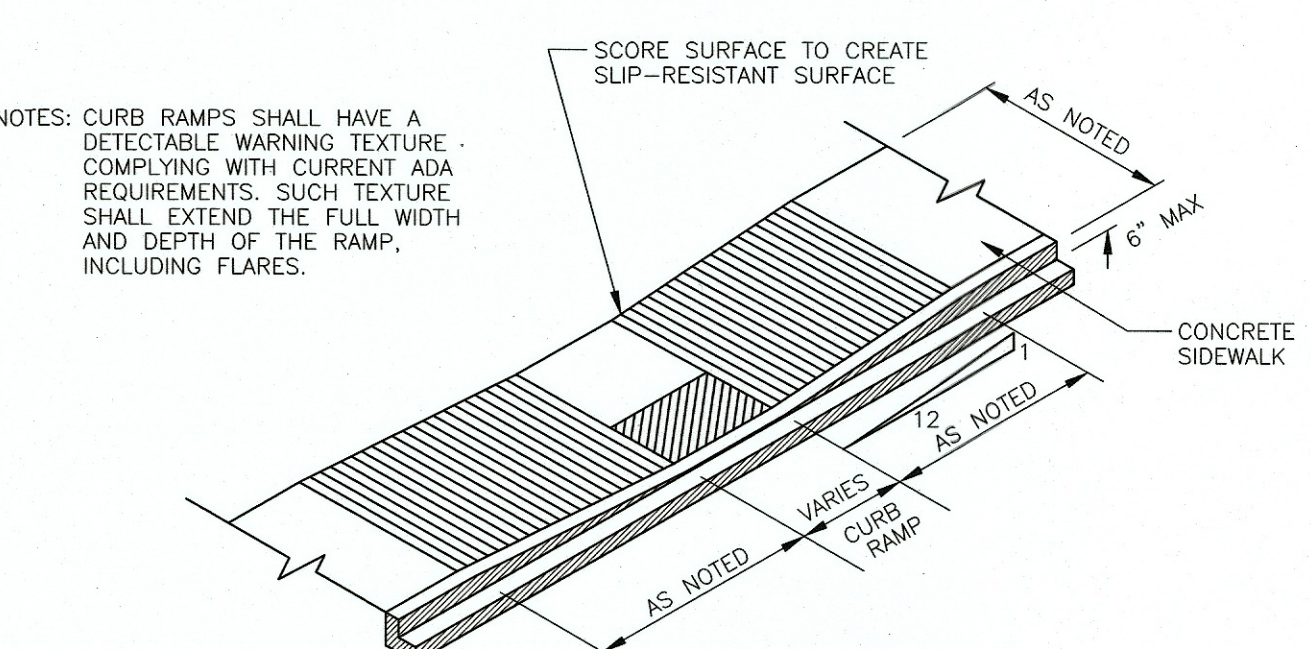
2 CONCRETE WASHOUT AREA
NO SCALE



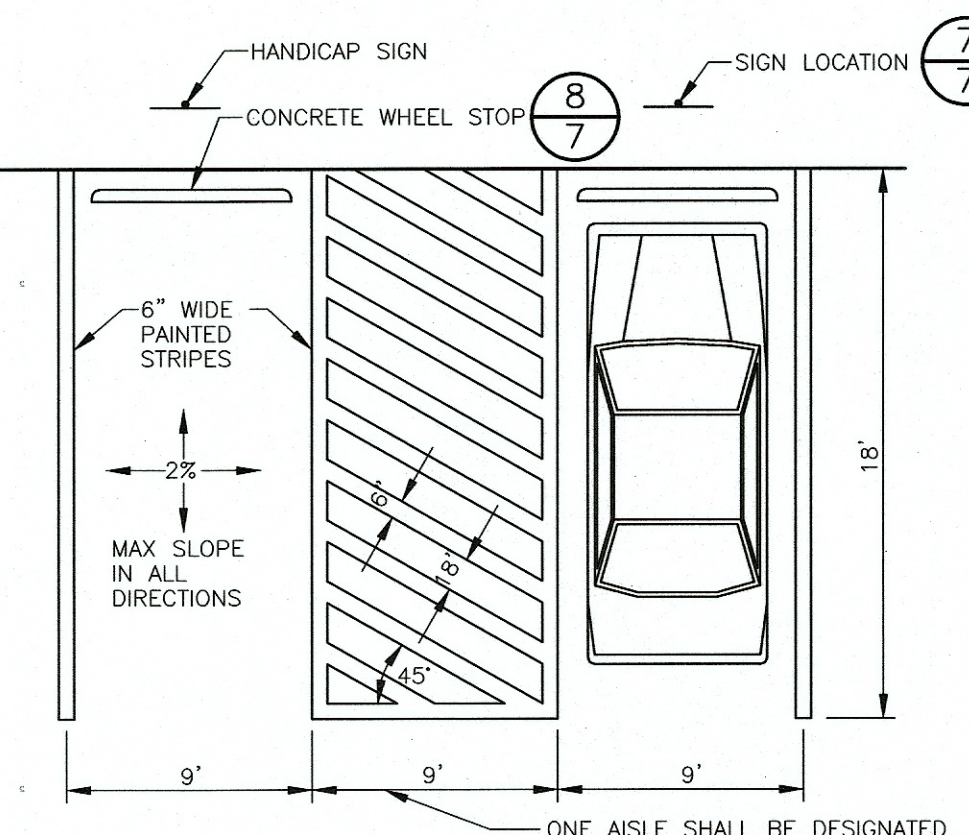
3 SILT FENCE DETAIL
NO SCALE



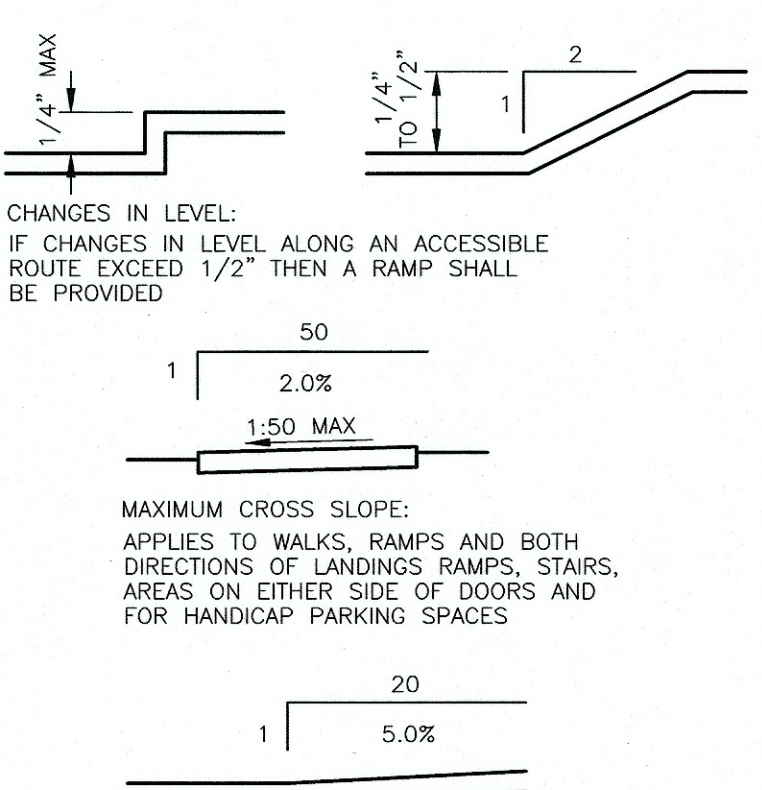
4 DANDY BAG DETAIL
NO SCALE



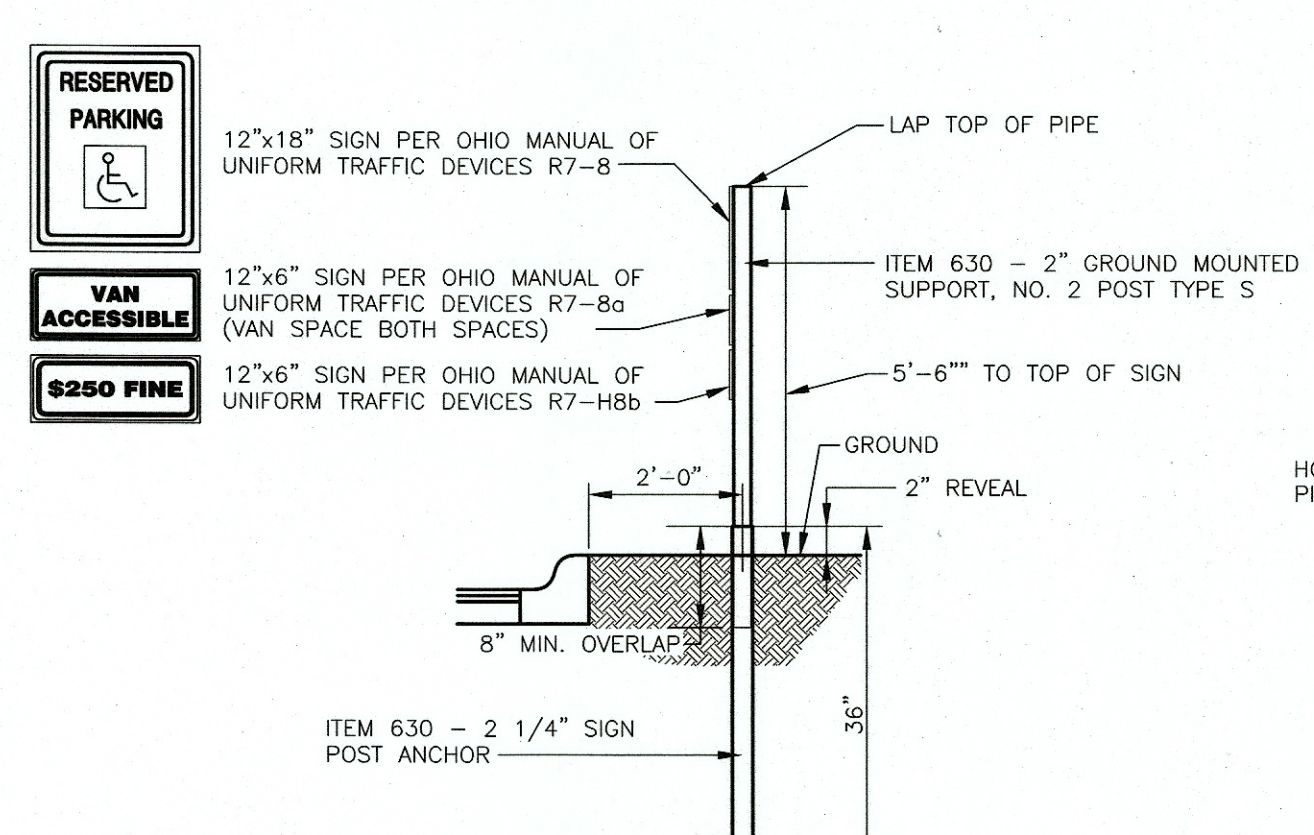
5 HANDICAPPED CURB RAMP
NO SCALE



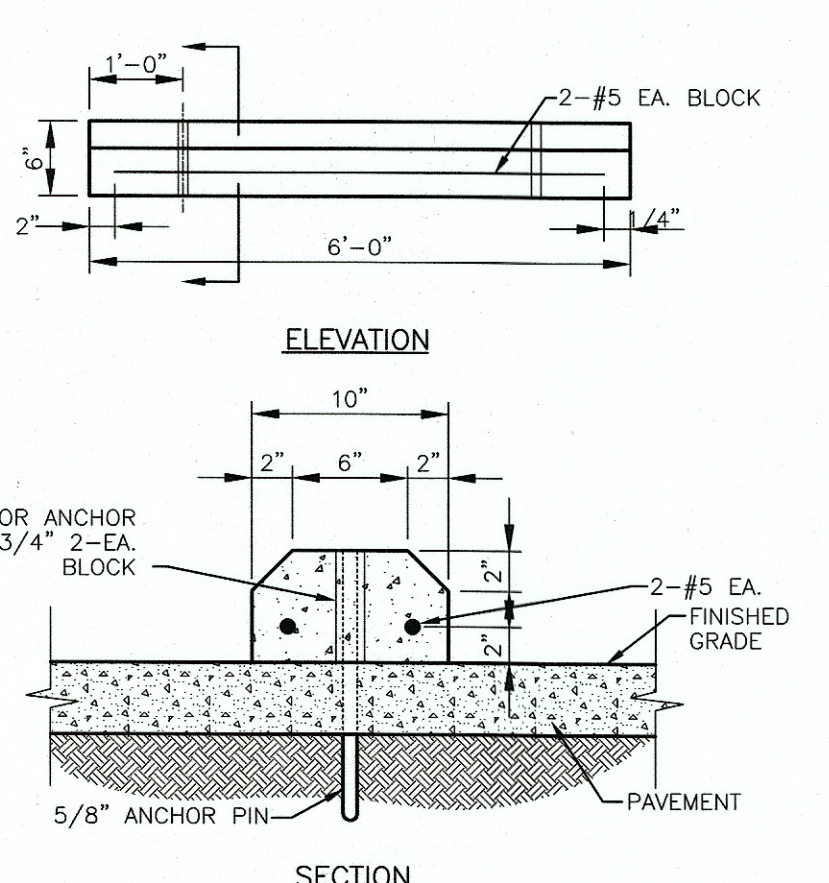
6 HANDICAP PARKING
NO SCALE



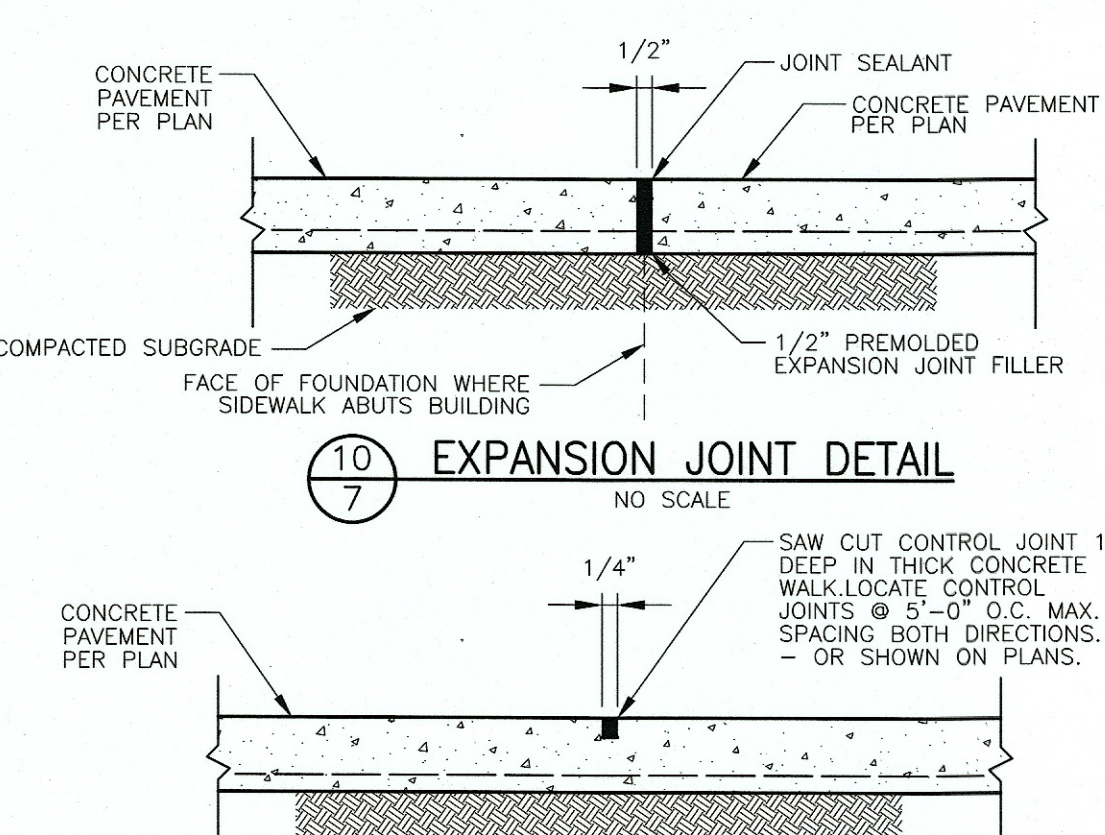
LEVEL CHANGES
NO SCALE



7 HANDICAP SIGN
NO SCALE



8 PARKING BLOCK DETAIL
NO SCALE



9 CONTROL JOINT DETAIL
NO SCALE

LEGEND

CURBING	SPOT ELEVATION (PAVEMENT)
SIDEWALK	SPOT ELEVATION (SIDEWALK)
	SPOT ELEVATION (MATCH)

NOTE: PERTINENT ADA REQUIREMENTS SHALL GOVERN BUILDING ACCESS AND EGRESS.

PLAN PREPARED BY:

BRH Group, Inc.

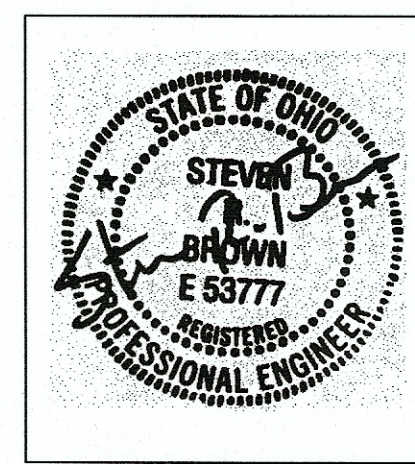
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ARBY'S RESTAURANT GROUP

SITE IMPROVEMENT PLANS

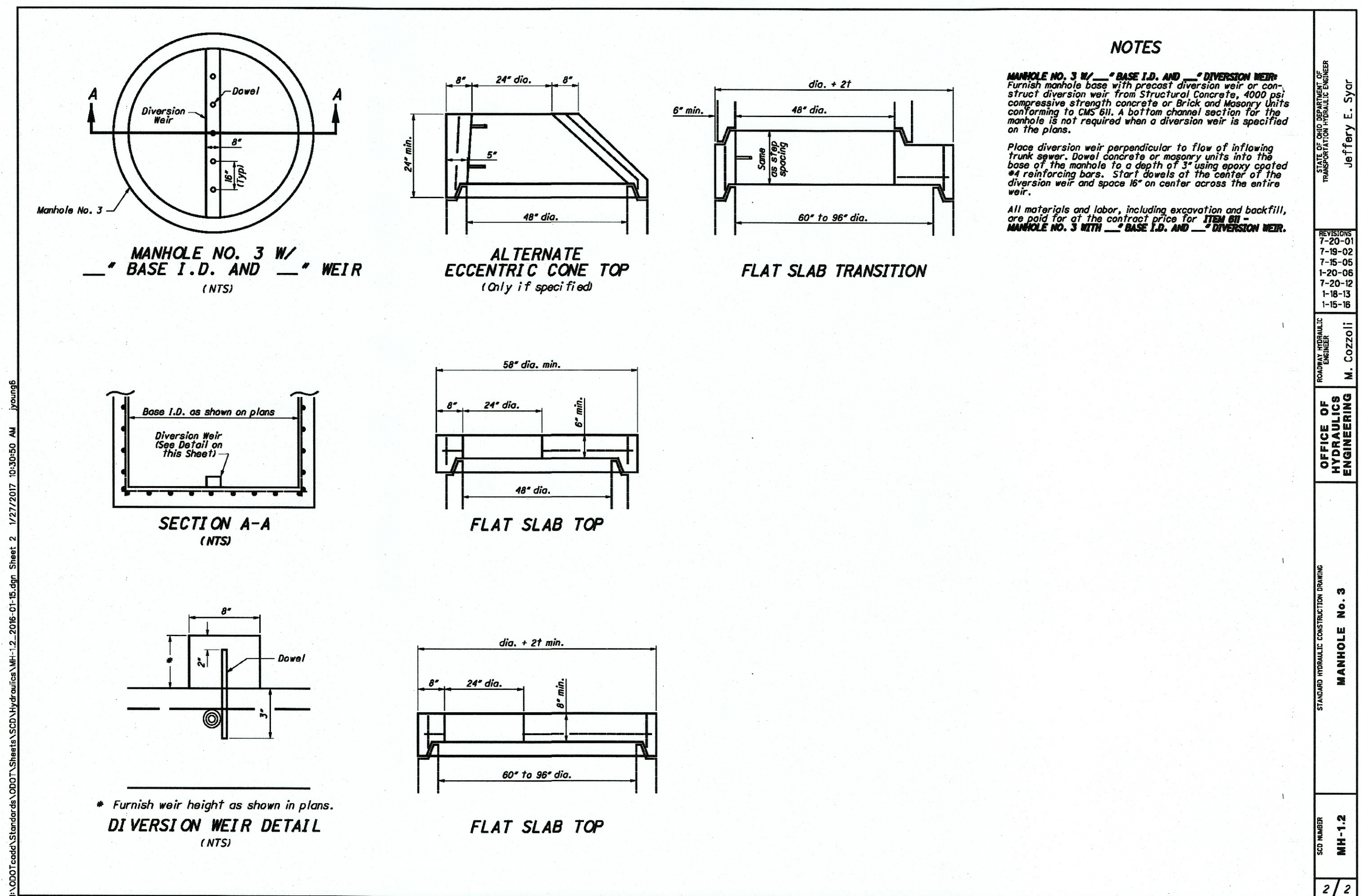
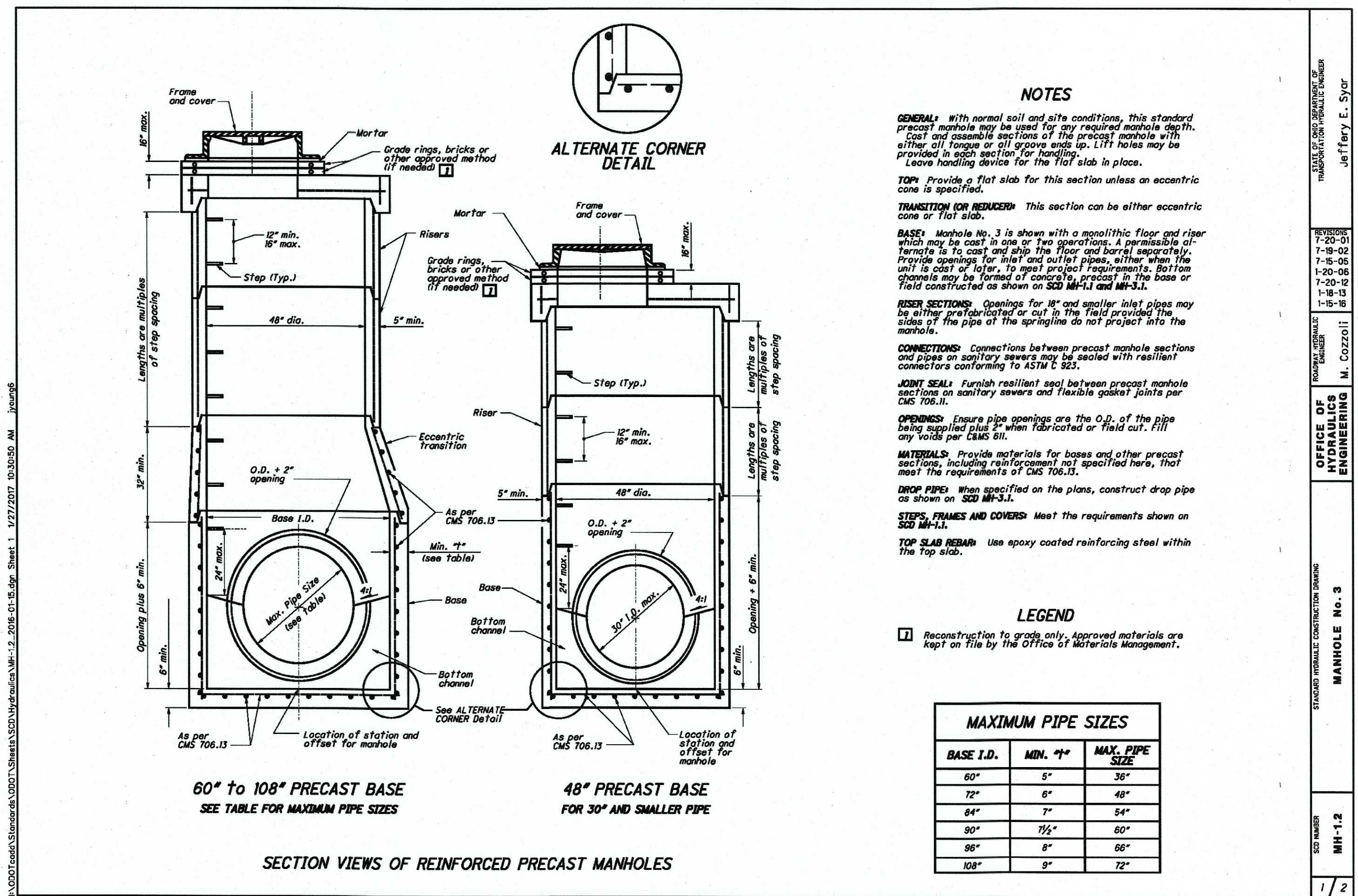
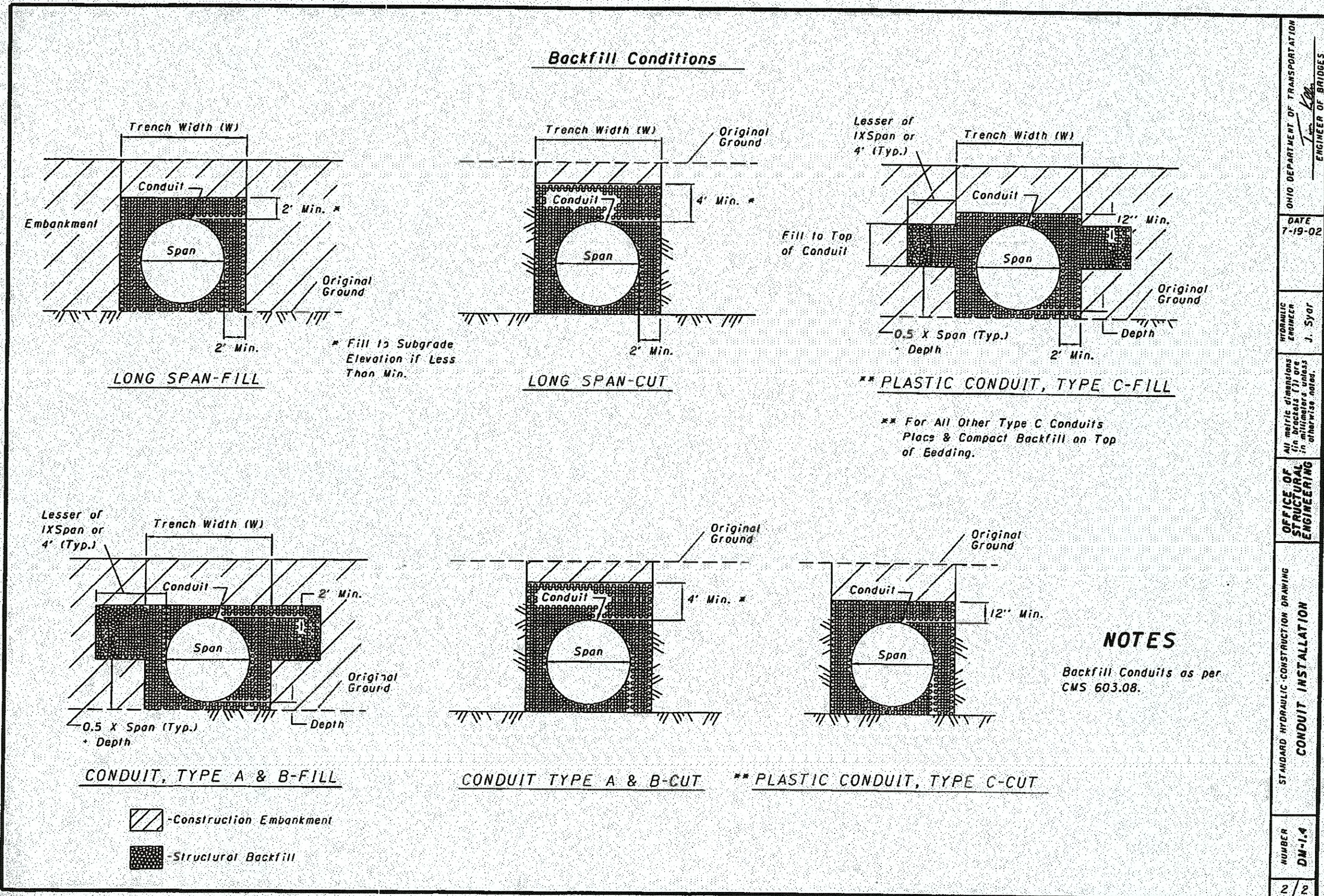
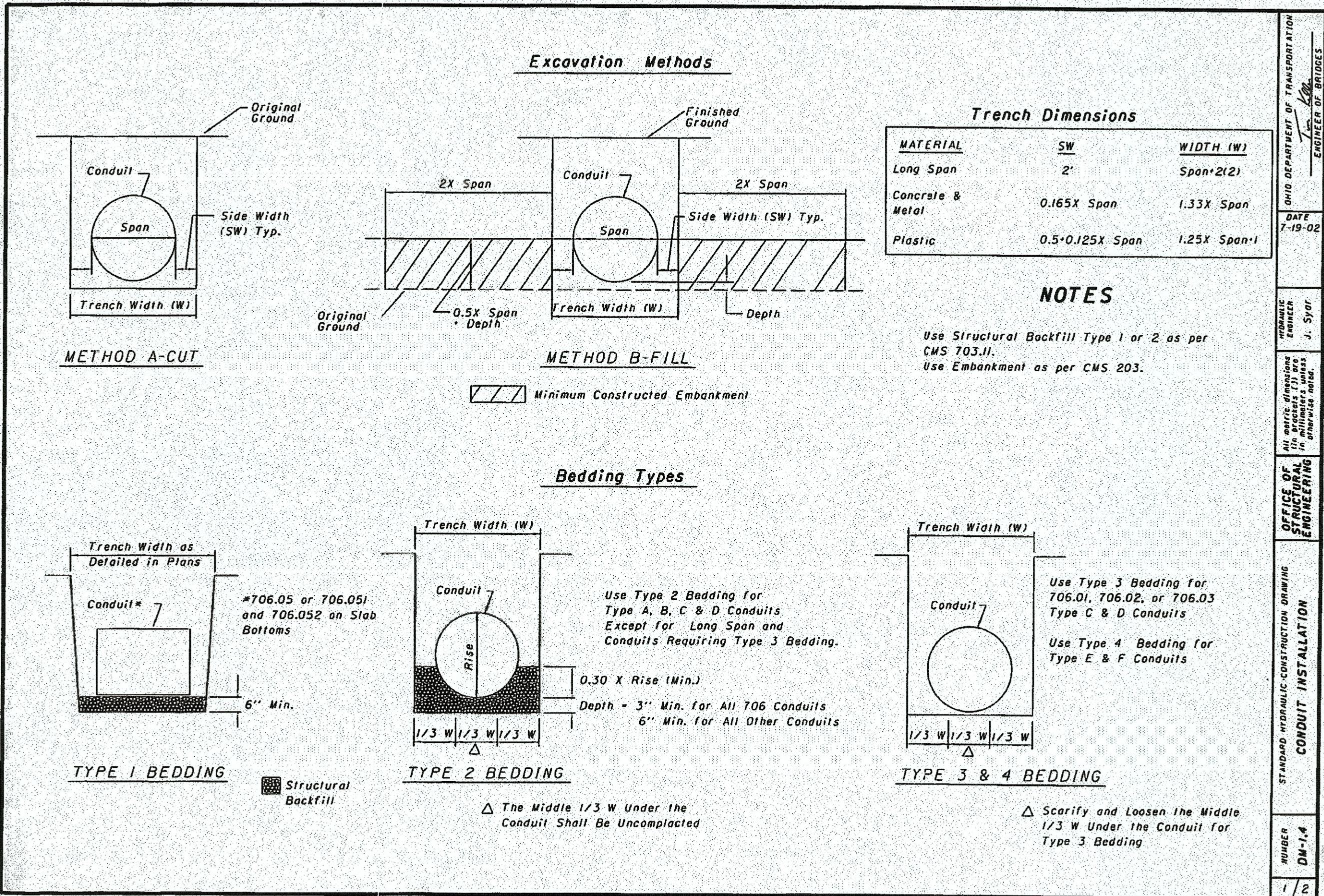
515 LINCOLN WAY EAST

MASSILLON, OHIO

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OWNER REVIEW	JUNE 30, 2017
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SIDEWALK & MISC. DETAILS



ARBY'S RESTAURANT GROUP
SITE IMPROVEMENT PLANS
515 LINCOLN WAY EAST
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DETAILS