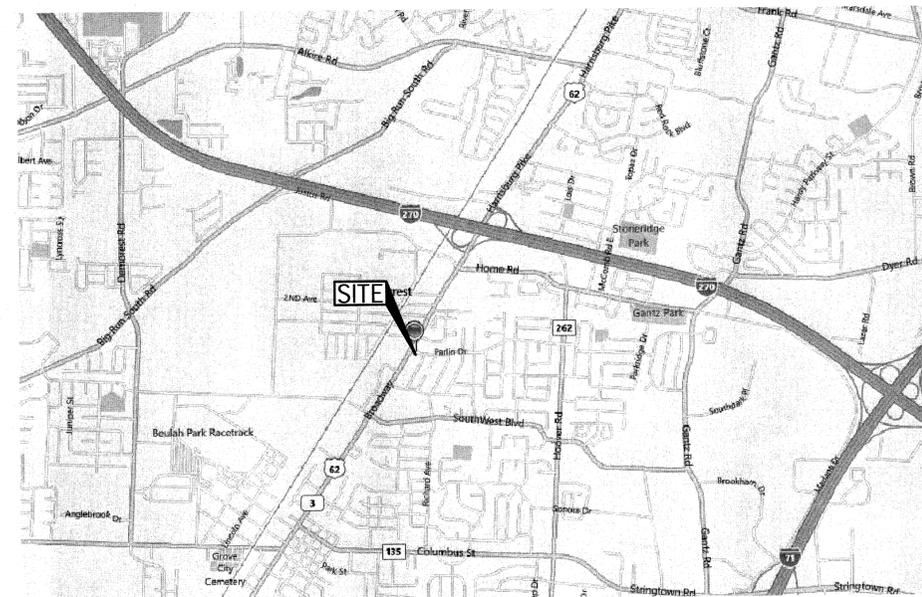


# McDONALD'S USA, LLC

## 3370 BROADWAY

### GROVE CITY, OHIO 43123



SITE LOCATION MAP  
(N.T.S.)

#### NARRATIVE DESCRIPTION:

THE SITE IS COMPRISED OF AN EXISTING McDONALDS WITH A SINGLE DRIVE-THRU. THE PROPOSED WORK SHALL CONSIST OF REPLACING THE SINGLE DRIVE-THRU WITH A SIDE BY SIDE. THE MAJORITY OF DEMOLITION AFFECTED BY THIS WILL BE SURROUNDING PAVEMENT, CURBING, SIDEWALK AND SIGNAGE. DUE TO THE ADDITION AND ADA UPDATES A PORTION OF THE PARKING SCHEME HAS BEEN REDESIGNED. THE EXISTING ADA ACCESSES ARE BEING REMOVED AND REPLACED TO COMPLY WITH CURRENT ADA STANDARDS.

#### INDEX OF DRAWINGS

- T-1 ..... TITLE SHEET
- C-101..... DEMOLITION PLAN
- C-111..... SITE AND ELECTRICAL PLAN
- C-112..... DRIVE THRU AREA DETAIL
- C-121..... GRADING AND SWPP PLAN AND DETAILS
- C-501..... SITE DETAILS
- C-502..... SITE DETAILS

**ZONING DISTRICT**  
C-2 RETAIL COMMERCIAL

CITY ADMINISTRATOR \_\_\_\_\_  
SERVICE DIRECTOR \_\_\_\_\_  
REVIEW FOR THE CITY OF GROVE CITY \_\_\_\_\_  
JACKSON TOWNSHIP FIRE DEPARTMENT \_\_\_\_\_

PROJECT TITLE: McDONALD'S, USA, LLC.  
CONTACT: DAVID WARREN  
MCDONALD'S USA, LLC  
2 EASTON OVAL, STE 200  
COLUMBUS, OH 43219  
PH: (614) 418-3300  
EMAIL: david.warren@us.mcd.com

#### REVISIONS

REV	DATE	DESCRIPTION	SHEETS

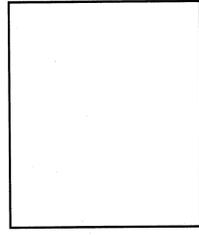
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**BENCHMARKS:**  
BENCHMARK #1 - GUTTER ELEVATION AT CENTERLINE OF CURB AND GUTTER INLET ON THE EAST SIDE OF S.R. 62 AND ON THE SOUTH CURB RETURN TO PARLIN DRIVE.  
ELEV. = 835.32

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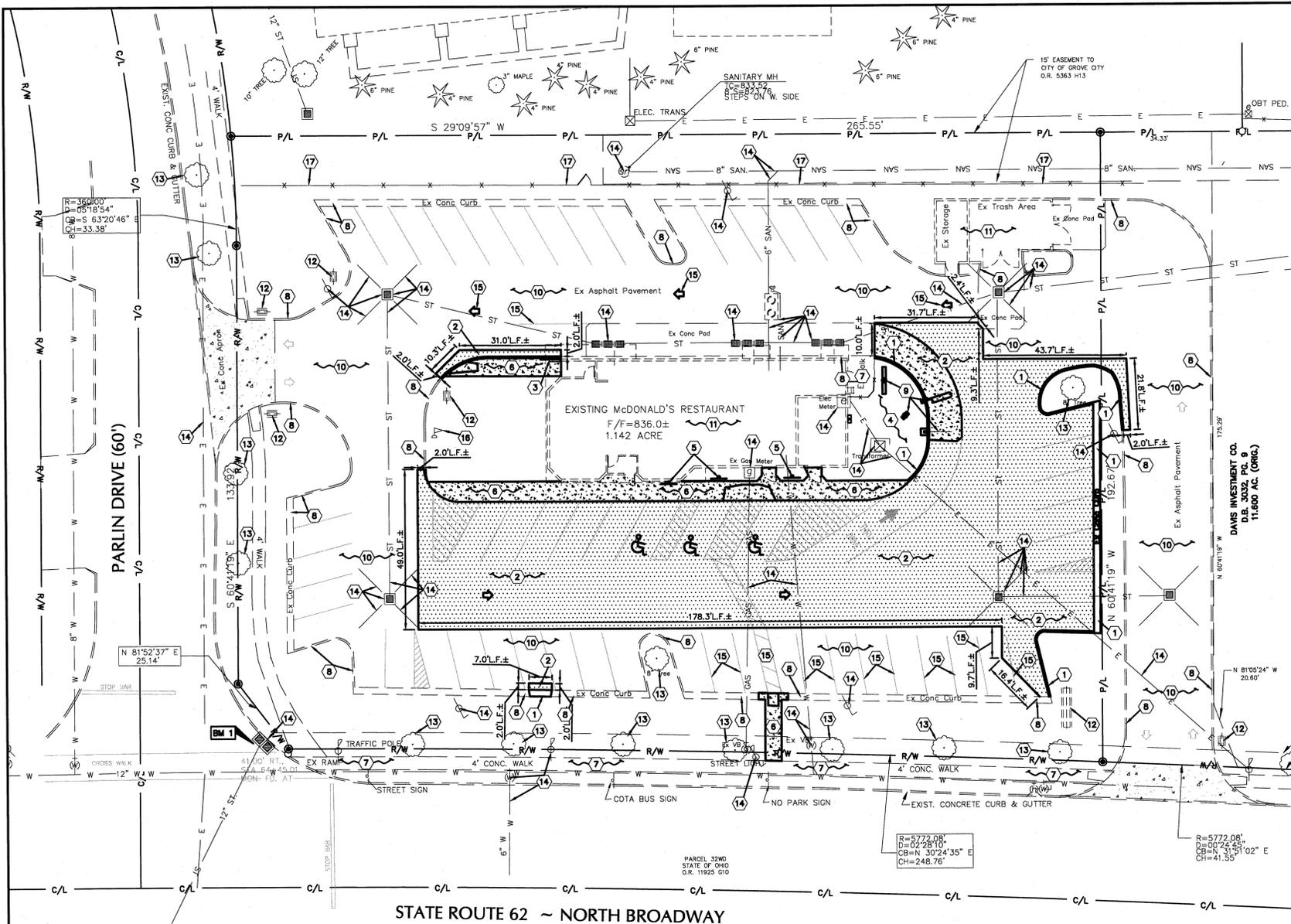
**PROPOSED MRP**  
STORE No. 034-1194  
3370 BROADWAY, GROVE CITY, OH 43123

DESIGNED	DATE
MLH	08.15.2011
DRAWN	DATE
TJW	08.15.2011
CHECKED	DATE

JOB NO.  
**2011106.55**

**T-1**

Drawing file: 201110655\_CDs.dwg  
 Drawing Date: 201110055 Grove City MRP (Broadway) (vay) Construction Documents (Civil) (201110655\_CDs.dwg)  
 Aug 11, 2011 - 10:53am



- ### GENERAL LEGEND
- P/L ——— PROPERTY LINE
  - R/W ——— RIGHT-OF-WAY LINE
  - C/L ——— RIGHT-OF-WAY LINE
  - ▣ EXISTING CATCH BASIN
  - ▣ EXISTING CURB INLET
  - ▣ EXISTING CLEAN OUT
  - ▣ EXISTING SANITARY MANHOLE
  - ▣ EXISTING FIRE HYDRANT
  - ▣ EXISTING WATER VALVE
  - ▣ EXISTING WATER METER
  - ▣ EXISTING ELECTRIC METER
  - ▣ EXISTING LIGHT POLE
  - ▣ EXISTING POWER POLE
  - ▣ EXISTING TRAFFIC CONTROLLER
  - ▣ EXISTING GAS METER
  - ▣ EXISTING SIGN
  - ▣ EXISTING FLAGPOLE
  - ▣ EXISTING BUSH
  - ▣ EXISTING DECIDUOUS TREE
  - BM # BENCHMARK LOCATION
  - ▣ EXISTING CURB
  - ▣ EXISTING CABLE LINE
  - ▣ EXISTING UG ELECTRIC LINE
  - ▣ EXISTING GAS LINE
  - ▣ EXISTING SANITARY SEWER
  - ▣ EXISTING STORM SEWER
  - ▣ EXISTING UG TELEPHONE LINE
  - ▣ EXISTING WATER SERVICE

- ### LEGEND
- (SEE THIS SHEET FOR GENERAL LEGEND)
- ▣ EXISTING ASPHALT TO BE REMOVED
  - ▣ EXISTING CONCRETE TO BE REMOVED
  - ▣ DENOTES LIMITS OF SAWCUT
  - ① DEMOLITION NOTE

- ### DEMOLITION CONSTRUCTION NOTES
1. EXISTING CURB TO BE SAWCUT AND REMOVED.
  2. EXISTING PAVEMENT TO BE SAWCUT AND REMOVED.
  3. EXISTING HANDRAIL TO BE CAREFULLY REMOVED AND RELOCATED PER OWNER'S SPECIFICATIONS.
  4. EXISTING LANDSCAPING (INCLUDING BUSHES, TREES, ETC.) TO BE REMOVED.
  5. EXISTING SIGN TO BE REMOVED.
  6. EXISTING SIDEWALK TO BE SAWCUT AND REMOVED.
  7. EXISTING WALK TO REMAIN AND BE PROTECTED THROUGHOUT CONSTRUCTION. REMOVE AND REPLACE ANY DAMAGED WALK AREAS DUE TO CONSTRUCTION.
  8. EXISTING CURB TO REMAIN AND BE PROTECTED THROUGHOUT CONSTRUCTION.
  9. EXISTING CLEARANCE BAR, SPEAKER, DISPLAY BOARD, MENU BOARD & APPURTENANCES TO BE REMOVED.
  10. EXISTING PAVEMENT TO REMAIN AND BE PROTECTED THROUGHOUT CONSTRUCTION.
  11. EXISTING BUILDING/STRUCTURE TO REMAIN AND BE PROTECTED THROUGHOUT CONSTRUCTION.
  12. EXISTING SIGNAGE TO REMAIN AND BE PROTECTED THROUGHOUT CONSTRUCTION.
  13. EXISTING LANDSCAPING (INCLUDING BUSHES, TREES, ROCKS, ETC.) TO REMAIN AND BE PROTECTED THROUGHOUT CONSTRUCTION.
  14. EXISTING UTILITIES TO REMAIN AND BE PROTECTED THROUGHOUT CONSTRUCTION.
  15. EXISTING PAVEMENT MARKINGS TO BE REMOVED. CONTRACTOR SHALL REMOVE MARKINGS WITH SMALL HANDHELD GRINDERS, SCARIFIERS OR OTHER METHODS WITH THE APPROVAL OF THE ENGINEER. TAKE CARE DURING MARKING REMOVAL NOT TO SCAR, DISCOLOR OR OTHERWISE DAMAGE THE PAVEMENT SURFACE. DO NOT OVER PAINT OR USE OTHER METHODS OF COVERING MARKINGS INSTEAD OF REMOVAL.
  16. EXISTING FLAG POLE TO REMAIN AND BE PROTECTED THROUGHOUT CONSTRUCTION.
  17. EXISTING FENCE TO REMAIN AND BE PROTECTED THROUGHOUT CONSTRUCTION.

- ### GENERAL DEMOLITION NOTES
1. DEMOLITION INCLUDES THE FOLLOWING WITHIN THE PROPERTY LINES:
    - 1.A. TRANSFER BENCHMARK CONTROL TO NEW LOCATIONS OUTSIDE THE DISTURBED AREA PRIOR TO COMMENCING DEMOLITION OPERATIONS.
    - 1.B. DEMOLITION AND REMOVAL OF SITE IMPROVEMENTS.
    - 1.C. DISCONNECTING, CAPPING OR SEALING, AND ABANDONING/REMOVING SITE UTILITIES IN PLACE (WHICHEVER IS APPLICABLE).
  2. REMOVE, REMOVE AND LEGALLY DISPOSE OF ITEMS EXCEPT THOSE INDICATED TO BE REINSTALLED, SALVAGED, OR TO REMAIN.
  3. REMOVE, REINSTALL, AND RELOCATE: REMOVE ITEMS INDICATED; CLEAN, SERVICE, AND OTHERWISE PREPARE THEM FOR REUSE; STORE AND PROTECT AGAINST DAMAGE. REINSTALL ITEMS IN LOCATIONS INDICATED.
  4. EXISTING TO REMAIN: SERVICES INDICATED TO REMAIN AGAINST DAMAGE AND SOILING DURING DEMOLITION. WHEN PERMITTED BY THE ENGINEER, ITEMS MAY BE REMOVED TO A SUITABLE, PROTECTED STORAGE LOCATION DURING DEMOLITION AND THEN CLEANED AND REINSTALLED IN THEIR ORIGINAL LOCATIONS.
  5. CONTRACTOR SHALL SCHEDULE DEMOLITION ACTIVITIES WITH THE CONSTRUCTION/PROJECT MANAGER INCLUDING THE FOLLOWING:
    - 5.A. DETAILED SEQUENCE OF DEMOLITION AND REMOVAL WORK, WITH STARTING AND ENDING DATES FOR EACH ACTIVITY.
    - 5.B. DATES FOR SHUTOFF, CAPPING, AND CONTINUATION OF UTILITY SERVICES.
    - 5.C. IDENTIFY AND ACCURATELY LOCATE UTILITIES AND OTHER SUBSURFACE STRUCTURAL, ELECTRICAL, OR MECHANICAL CONDITIONS.
  6. REGULATORY REQUIREMENTS: COMPLY WITH GOVERNING EPA NOTIFICATION REGULATIONS BEFORE STARTING DEMOLITION. COMPLY WITH HAULING AND DISPOSAL REGULATIONS OF AUTHORITIES HAVING JURISDICTION.
  7. STORAGE OR SALE OF REMOVED ITEMS OR MATERIALS ON-SITE WILL NOT BE PERMITTED.
  8. OBTAIN APPROVED BORROW SOIL MATERIALS OFF-SITE WHEN SUFFICIENT SATISFACTORY SOIL MATERIALS ARE NOT AVAILABLE ON-SITE.
  9. MAINTAIN EXISTING UTILITIES INDICATED TO REMAIN IN SERVICE AND PROTECT THEM AGAINST DAMAGE DURING DEMOLITION OPERATIONS.
    - 9.A. DO NOT INTERRUPT EXISTING UTILITIES SERVING OCCUPIED OR OPERATING FACILITIES, EXCEPT WHEN AUTHORIZED IN WRITING BY ENGINEER AND AUTHORITIES HAVING JURISDICTION. PROVIDE TEMPORARY SERVICES DURING INTERRUPTIONS TO EXISTING UTILITIES, AS ACCEPTABLE TO OWNER AND TO GOVERNING AUTHORITIES.
  10. DO NOT START DEMOLITION WORK UNTIL UTILITY DISCONNECTING AND SEALING HAVE BEEN COMPLETED AND VERIFIED IN WRITING.
  11. UTILITY REQUIREMENTS: LOCATE, IDENTIFY, DISCONNECT, AND SEAL OR CAP OFF INDICATED UTILITY
    - 11.A. ARRANGE TO SHUT OFF AND CAP UTILITIES WITH UTILITY COMPANIES AND FOLLOW THEIR RESPECTIVE UTILITY KILL AND CAP POLICIES.
  12. CONDUCT DEMOLITION OPERATIONS TO PREVENT INJURY TO PEOPLE AND DAMAGE TO ADJACENT BUILDINGS AND FACILITIES TO REMAIN. ENSURE SAFE PASSAGE OF PEOPLE AROUND DEMOLITION AREA.
  - 12.A. ERECT TEMPORARY PROTECTION, BARRICADES AS PER LOCAL GOVERNING AUTHORITIES.
  - 12.B. PROTECT EXISTING SITE IMPROVEMENTS AND APPURTENANCES TO REMAIN.
  13. EXPLOSIVES: USE OF EXPLOSIVES WILL NOT BE PERMITTED.
  14. REMOVE AND TRANSPORT DEBRIS IN A MANNER THAT WILL PREVENT SPILLAGE ON ADJACENT SURFACES AND AREAS.
  15. CLEAN ADJACENT BUILDINGS AND IMPROVEMENT OF DUST, DIRT, AND DEBRIS CAUSED BY DEMOLITION OPERATIONS. RETURN ADJACENT AREAS TO CONDITION EXISTING BEFORE START OF DEMOLITION.
  16. DAMAGES: PROMPTLY REPAIR DAMAGES TO ADJACENT FACILITIES CAUSED BY DEMOLITION OPERATIONS AT THE CONTRACTORS COST.
  17. GENERAL: PROMPTLY DISPOSE OF DEMOLISHED MATERIALS. DO NOT ALLOW DEMOLISHED MATERIALS TO ACCUMULATE ON-SITE.
  18. BURNING: DO NOT BURN DEMOLISHED MATERIALS.
  19. ASBESTOS: IT IS NOT EXPECTED THAT ASBESTOS WILL BE ENCOUNTERED IN THE COURSE OF THIS CONTRACT. IF ANY MATERIALS SUSPECTED OF CONTAINING ASBESTOS ARE ENCOUNTERED, DO NOT DISTURB THE MATERIALS. IMMEDIATELY NOTIFY THE ENGINEER AND THE OWNER.
  20. SURVEY THE CONDITION OF THE BUILDING TO DETERMINE WHETHER REMOVING ANY ELEMENT MIGHT RESULT IN A STRUCTURAL DEFICIENCY OR UNPLANNED COLLAPSE OF ANY PORTION OF THE STRUCTURE OR ADJACENT STRUCTURES DURING DEMOLITION.
  21. FILLING BELOW-GRADE AREAS: COMPLETELY FILL BELOW-GRADE AREAS AND VOIDS RESULTING FROM DEMOLITION OF PAVEMENTS WITH SOIL MATERIALS. CONTRACTOR SHALL CONTACT ENGINEER PRIOR TO FILLING ANY AREAS. CONTRACTOR SHALL CONTACT ENGINEER TO OBSERVE FILL PROCEDURES.
  22. CONDUCT DEMOLITION OPERATIONS AND REMOVE DEBRIS TO ENSURE MINIMUM INTERFERENCE WITH ROADS, STREETS, WALKS, AND OTHER ADJACENT OCCUPIED AND USED FACILITIES.
    - 22.A. DO NOT CLOSE OR OBSTRUCT STREETS, WALKS, OR OTHER ADJACENT OCCUPIED OR USED FACILITIES WITHOUT PERMISSION FROM OWNER AND AUTHORITIES HAVING JURISDICTION. PROVIDE ALTERNATE ROUTES AROUND CLOSED OR OBSTRUCTED TRAFFIC WAYS IF REQUIRED BY GOVERNING REGULATIONS.
  23. CONTRACTOR TO SAWCUT EXISTING PAVEMENT TO REMAIN PRIOR TO CURB, GUTTER, PAVEMENT, ETC REMOVAL.

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**BENCHMARKS:**

BENCHMARK #1 - GUTTER ELEVATION AT CENTERLINE OF CURB AND GUTTER INLET ON THE EAST SIDE OF S.R. 62 AND ON THE SOUTH CURB RETURN TO PARLIN DRIVE.  
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DRAWN	DATE
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**C-101**

**CONSTRUCTION NOTES**

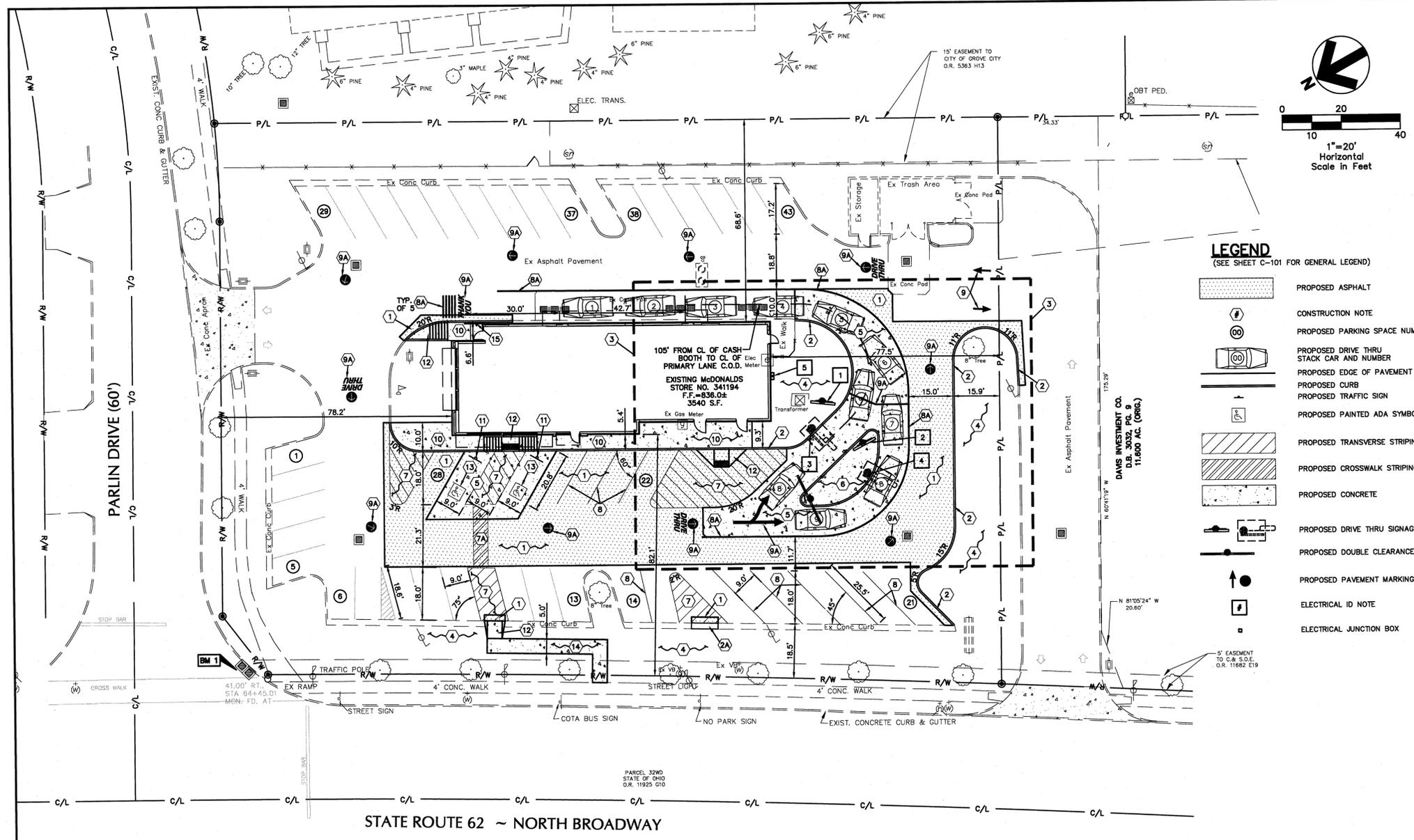
1. PROPOSED PAVEMENT PER DETAIL 1, SHEET C-501.
2. PROPOSED 6"x18" P.C.C. CURB PER DETAIL 2, SHEET C-501.
3. PROPOSED 10"x24" P.C.C. CURB PER DETAIL 3, SHEET C-501.
4. PROPOSED DRIVE-THRU AREA. SEE SHEETS C-112 AND C-502 FOR DETAILS.
5. PROPOSED LANDSCAPING AREA. SOO ALL DISTURBED AREAS.
6. PROPOSED P.C.C. PAVEMENT PER DETAIL 4, SHEET C-501. APPLY LIQUID ASPHALT AT ALL JOINTS BETWEEN CONCRETE AND ASPHALT.
7. PROPOSED P.C.C. CURBED ISLAND PER DETAIL 5, SHEET C-501.
8. PROPOSED PAINTED STRIPING PER DETAIL 6, SHEET C-501.
9. PROPOSED PAINTED TRANSVERSE STRIPING PER DETAIL 7, SHEET C-501.
10. PROPOSED PAINTED 4" WIDE SOLID STRIPE (WHITE).
11. PROPOSED PAINTED 6" WIDE SOLID STRIPE (YELLOW).
12. PROPOSED DIRECTIONAL PAVEMENT MARKINGS (WHITE) PER DETAIL 8, SHEET C-501.
13. PROPOSED DIRECTIONAL PAVEMENT MARKINGS (YELLOW) PER DETAIL 8, SHEET C-501.
- NOTE: CONTRACTOR SHALL ENSURE ALL STRIPING AND PAVEMENT MARKINGS ARE PLACED PER SITE PLAN. POINT COORDINATES CAN BE PROVIDED ELECTRONICALLY UPON REQUEST.
14. PROPOSED CURBED SIDEWALK PER DETAIL 9, SHEET C-501.
15. PROPOSED ADA PARKING SIGN IN BOLLARD PER DETAIL 11, SHEET C-501.
16. PROPOSED ADA RAMP PER DETAIL 14, SHEET C-501.
17. PROPOSED PAINTED INTERNATIONAL ADA SYMBOL PER ADA SPECIFICATIONS AND DETAIL 15, SHEET C-501.
18. PROPOSED SIDEWALK PER DETAIL 16, SHEET C-501.
19. PROPOSED LOCATION OF RELOCATED HANDRAIL PER OWNER'S SPECIFICATIONS.

**GENERAL PLAN NOTES**

1. PRIOR TO STARTING CONSTRUCTION THE CONTRACTOR SHALL BE RESPONSIBLE TO MAKE SURE THAT ALL REQUIRED PERMITS AND APPROVALS HAVE BEEN OBTAINED. NO CONSTRUCTION OR FABRICATION SHALL BEGIN UNTIL THE CONTRACTOR HAS RECEIVED AND THOROUGHLY REVIEWED ALL PLANS AND OTHER DOCUMENTS APPROVED BY ALL OF THE PERMITTING AUTHORITIES.
2. ALL WORK SHALL BE PERFORMED IN ACCORDANCE WITH THESE PLANS, SPECIFICATIONS AND THE REQUIREMENTS AND STANDARDS OF THE LOCAL GOVERNING AUTHORITY. THE SOILS REPORT (IF ONE IS AVAILABLE) AND RECOMMENDATIONS SET FORTH THEREIN ARE A PART OF THE REQUIRED CONSTRUCTION DOCUMENTS AND TAKE PRECEDENCE UNLESS SPECIFICALLY NOTED OTHERWISE ON THE PLANS. THE CONTRACTOR SHALL NOTIFY THE CONSTRUCTION/PROJECT MANAGER OF ANY DISCREPANCY BETWEEN SOILS REPORT (IF ONE IS AVAILABLE) AND PLANS, ETC.
3. THE A.L.T.A. SURVEY SHALL BE CONSIDERED A PART OF THESE PLANS. THE G.C. IS RESPONSIBLE FOR LOCATING IMPROVEMENTS PER THESE PLANS.
4. UPON RECEIPT OF POINT COORDINATE DATA, THE CONTRACTOR SHALL RUN AN INDEPENDENT VERTICAL CONTROL TRAVERSE TO CHECK BENCHMARKS AND A HORIZONTAL CONTROL TRAVERSE THROUGH GIVEN POINTS TO CONFIRM GEOMETRIC DATA AND SUBMIT TO THE ENGINEER PRIOR TO ANY CONSTRUCTION.
5. THE LOCATIONS OF UNDERGROUND FACILITIES SHOWN ON THE PLAN ARE BASED ON FIELD SURVEYS AND CITY RECORDS. IT SHALL BE THE CONTRACTOR'S FULL RESPONSIBILITY TO CONTACT THE VARIOUS UTILITY COMPANIES TO LOCATE THEIR FACILITIES PRIOR TO STARTING CONSTRUCTION. NO ADDITIONAL COMPENSATION SHALL BE PAID TO THE CONTRACTOR FOR DAMAGE AND REPAIR TO THESE FACILITIES CAUSED BY HIS WORK FORCE.
6. ALL DIMENSIONS, GRADES, AND UTILITY LOCATIONS SHOWN ON THESE PLANS WERE BASED ON ALTA SURVEY. THE CONTRACTOR SHALL FIELD VERIFY ALL EXISTING CONDITIONS PRIOR TO CONSTRUCTION. CONTRACTOR SHALL NOTIFY CONSTRUCTION/PROJECT MANAGER IF ANY DISCREPANCIES EXIST PRIOR TO PROCEEDING WITH CONSTRUCTION FOR NECESSARY CHANGES. NO EXTRA COMPENSATION SHALL BE PAID TO THE CONTRACTOR FOR WORK HAVING TO BE REDONE DUE TO INFORMATION SHOWN INCORRECTLY ON THESE PLANS IF SUCH NOTIFICATION HAS NOT BEEN GIVEN.
7. ALL WORK WITHIN THE RIGHTS OF WAY SHALL BE IN ACCORDANCE WITH THE GOVERNING JURISDICTION AND SPECIFICATIONS.
8. CONTRACTOR SHALL COORDINATE ANY MAINTENANCE OF TRAFFIC WITH THE OWNER'S REPRESENTATIVE AND THE LOCAL JURISDICTION PRIOR TO CONSTRUCTION.
9. CONTRACTOR SHALL AT ALL TIMES INSURE THAT SWPP MEASURES PROTECTING EXISTING DRAINAGE FACILITIES BE IN PLACE PRIOR TO THE COMMENCEMENT OF ANY PHASE OF THE SITE CONSTRUCTION OR LAND ALTERATION. (SEE SHEET C-121).
10. UPON COMPLETION OF PROJECT, CONTRACTOR SHALL CLEAN THE PAVED AREAS PRIOR TO REMOVAL OF TEMPORARY SEDIMENT CONTROLS, AS DIRECTED BY THE CITY AND/OR CONSTRUCTION/PROJECT MANAGER. IF POWER WASHING IS USED, NO SEDIMENT LADEN WATER SHALL BE WASHED INTO THE STORM SYSTEM. ALL SEDIMENT LADEN MATERIAL ON PAVEMENT OR WITHIN THE STORM SYSTEM SHALL BE COLLECTED AND REMOVED FROM THE SITE AT CONTRACTOR'S EXPENSE.

**SITE PLAN NOTES**

1. ALL DIMENSIONS AND RADII ARE GIVEN TO FACE OF CURB UNLESS OTHERWISE NOTED.
2. ALL EXTERIOR SITE SPECIFIC PORTLAND CONCRETE CEMENT SHALL MEET THE LATEST EDITION OF THE DEPARTMENT OF TRANSPORTATION SPECIFICATIONS FOR CURING AND INSTALLATION. THE MINIMUM P.C.C. ALLOWED IS 3000 P.S.I. AT 28 DAY, WITH AIR ENTRAINMENT MEETING THE DOT REQUIREMENTS. (CONTRACTOR SHALL REFER TO DETAILS WITHIN THIS DRAWING SET FOR ANY VARIATIONS TO THIS SPECIFICATION).
3. ALL EXTERIOR CURB SHALL HAVE EXPANSION JOINTS AT 10'-0" O.C. AND CONTROL JOINTS AT 10'-0" O.C. (UNLESS OTHERWISE SPECIFIED ON THE DETAIL SHEETS) ALL EXTERIOR WALK SHALL HAVE EXPANSION JOINTS AT 20'-0" O.C. AND CONTROL JOINTS @ 5'-0" MAX. O.C. (UNLESS OTHERWISE SPECIFIED ON THE DETAIL SHEETS).
4. ALL CONCRETE SHALL HAVE A MEDIUM TRANSVERSE FINISH.



**LEGEND**  
 (SEE SHEET C-101 FOR GENERAL LEGEND)

	PROPOSED ASPHALT
	CONSTRUCTION NOTE
	PROPOSED PARKING SPACE NUMBER
	PROPOSED DRIVE THRU STACK CAR AND NUMBER
	PROPOSED EDGE OF PAVEMENT
	PROPOSED CURB
	PROPOSED TRAFFIC SIGN
	PROPOSED PAINTED ADA SYMBOL
	PROPOSED TRANSVERSE STRIPING
	PROPOSED CROSSWALK STRIPING
	PROPOSED CONCRETE
	PROPOSED DRIVE THRU SIGNAGE
	PROPOSED DOUBLE CLEARANCE BAR
	PROPOSED PAVEMENT MARKINGS
	ELECTRICAL ID NOTE
	ELECTRICAL JUNCTION BOX

**PARKING INFORMATION**

<b>PARKING REQUIREMENTS</b>	<b>TOTAL SPACES</b>
1 SPACE PER 50 GROSS/DINING FLOOR AREA	43
THEREFORE: 1271 / 50 = 25 SPACES REQUIRED.	

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**ELECTRICAL GENERAL RENOVATION NOTES**

1. THE E.C. SHALL VISIT AND EXAMINE CAREFULLY THE AREAS AFFECTED BY THIS WORK TO BECOME FAMILIAR WITH EXISTING CONDITIONS AND WITH THE DIFFICULTIES THAT WILL AFFECT THE EXECUTION OF THIS WORK. NO ADDITIONAL PAYMENTS WILL BE APPROVED REGARDING ADDITIONAL WORK REQUIRED BECAUSE OF EXISTING CONDITIONS. SUBMITTAL OF A BID WILL ACKNOWLEDGE THE ACCEPTANCE OF THIS RESPONSIBILITY.
2. WHERE STRUCTURAL OPENINGS ARE NOT AVAILABLE, THE E.C. SHALL CORE DRILL OR CUT AND CHASE WALLS AND FLOORS AS REQUIRED TO PERMIT PASSAGE OF CONDUITS AND RACEWAYS. AT COMPLETION OF INSTALLATIONS, E.C. SHALL FILL IN AND WATERPROOF OR FIREPROOF, TO RATING OF STRUCTURE PENETRATED. FILL ALL OPENINGS WITH MATERIALS AS DIRECTED BY THE ARCHITECT AND FINISH TO MATCH SURROUNDING AREAS. ALL OPENINGS REQUIRED SHALL BE APPROVED BY THE ARCHITECT PRIOR TO DEMOLITION OR CORE DRILLING.
3. PROVIDE AN UPDATED, TYPED PANELBOARD SCHEDULE AND INSTALL IT ON THE INSIDE COVER OF EACH EXISTING PANEL WHOSE INFORMATION HAS CHANGED DUE TO DEMOLITION OR NEW WORK ASSOCIATED WITH PANEL.
4. AFTER DEMOLITION IS COMPLETE, ANY RECESSED ABANDONED BACKBOX MAY BE REUSED FOR NEW DEVICE INSTALLATION AS APPLICATION PERMITS. PROVIDE A NEW COVERPLATE THAT MATCHES THE SIZE OF THE BACKBOX AND THE CONFIGURATION OF THE DEVICE(S) INSTALLED THEREIN. EXISTING DEVICES, WIRING, OR COVERPLATES WILL NOT BE PERMITTED TO BE REUSED.
5. ALL DEVICES REMOVED DURING DEMOLITION SHALL HAVE ALL ASSOCIATED WIRING AND CONTROL REMOVED BACK TO SOURCES OR NEXT DEVICE THAT REMAINS.
6. THE E.C. CAN REUSE EXISTING CONDUITS AS REQUIRED.
7. THE E.C. SHALL VERIFY THAT ALL LOADS PLACED ON EXISTING PANELS DO NOT EXCEED THE MAXIMUM LOADING REQUIREMENT PER THE LATEST EDITION OF THE NEC. NOTIFY A/E IF OVERLOAD IS POSSIBLE.
8. E.C. SHALL COORDINATE WITH MCDONALDS ACM ANY MODIFICATIONS OR IMPROVEMENTS REQUIRED FOR THE DRIVE-THRU CAMERA SYSTEM.
9. E.C. SHALL COORDINATE WITH MCDONALDS ACM IF REPLACEMENT OF AUTO DETECTOR LOOPS ARE REQUIRED. E.C. SHALL PROVIDE ALL MATERIALS AND DETERMINE WHAT, IF ANY, IS EXISTING TO REMAIN.

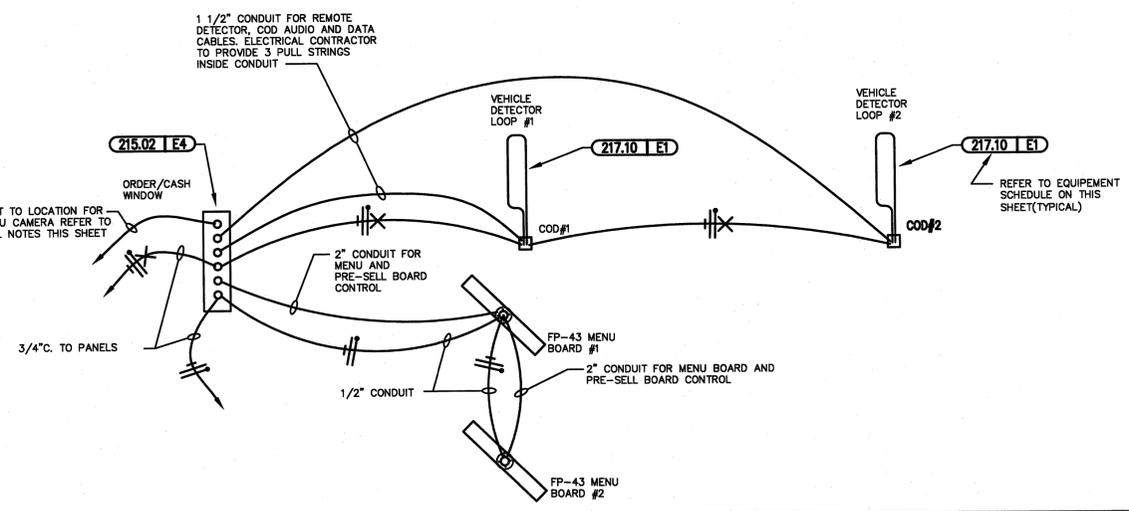
**ELECTRICAL SITE PLAN NOTES**

1. FP-43 MENU BOARD #1. REFER TO DRIVE-THRU SITE WIRING DIAGRAM ON THIS SHEET FOR WIRING.
2. FP-43 MENU BOARD #2. REFER TO DRIVE-THRU SITE WIRING DIAGRAM ON THIS SHEET FOR WIRING.
3. CUSTOMER ORDER DISPLAY (COD) #1. REFER TO DRIVE-THRU SITE WIRING DIAGRAM ON THIS SHEET FOR WIRING.
4. CUSTOMER ORDER DISPLAY (COD) #2. REFER TO DRIVE-THRU SITE WIRING DIAGRAM ON THIS SHEET FOR WIRING.
5. E.C. SHALL PROVIDE A JUNCTION BOX ON EXTERIOR OF BUILDING FOR POWER AND DATA CIRCUITS/CONDUITS FOR DRIVE-THRU. E.C. SHALL PUNCH CONDUIT THROUGH EXISTING WALL AND ROUTE CONDUITS UP TO CEILING SPACE.

**ELECTRICAL SCHEDULE**

NO.	DESCRIPTION	QUANTITY	UNIT	REMARKS
215.02E4	POS PC HARDWARE - 2 BOOTH D/T		12x8x4 PB	10"
217.10E1	REMOTE DETECTOR LOOP			

**DRIVE-THRU SITE WIRING DIAGRAM**



Drawing file: 201110655\_Cds.dwg  
 Drawing name: N:\2011\201110655\_Grove City MRP (Broadway)\dwg\Construction\Documents\Civil\201110655\_Cds.dwg  
 Aug 11, 2011 - 10:53pm

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**C-111**

**SITE AND ELECTRICAL PLAN**



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REV.	DATE	DESCRIPTION

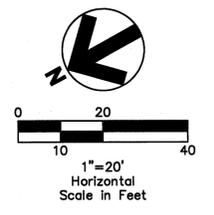
**PROPOSED MRP**  
 STORE NO. 034-1194  
 3370 BROADWAY, GROVE CITY, OH 43123

DESIGNED	DATE
MLH	08.15.2011
DRAWN	TJW
CHECKED	XXXXXX

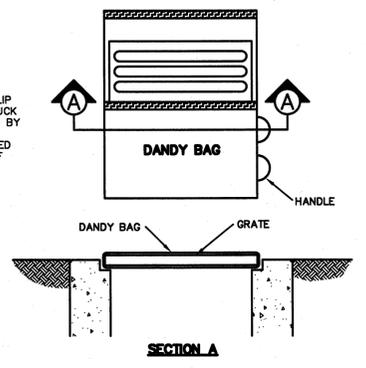
JOB NO.  
**2011106.55**

**C-121**

GRADING AND SWPP PLAN AND DETAILS



- LEGEND**  
 (SEE SHEET C-101 FOR GENERAL LEGEND)
- 000--- EXISTING CONTOUR
  - 000— PROPOSED CONTOUR
  - 000.00/ PROPOSED ELEVATION @ BOTTOM OF FRONT FACE AND/OR FINISHED PAVEMENT ELEVATION (+800)
  - T=000.00/ B=000.00 TOP OF CURB ELEVATION (+800) BOTTOM OF CURB/FINISHED PAVEMENT ELEVATION (+800)
  - 000.0±/ MATCH EXISTING ELEVATION (+800)
  - · — PROPOSED HANDICAP AREA (SEE GENERAL NOTE #4)
  - · — PROPOSED GRADE BREAK
  - · — DRAINAGE FLOW PATH
  - INLET PROTECTION



**INSTALLATION:**  
 STAND GRATE ON END. PLACE DANDY BAG OVER GRATE. FLIP GRATE OVER SO THAT OPEN END IS UP. PULL UP SLACK. TUCK FLAP IN. BE SURE END OF GRATE IS COMPLETELY COVERED BY FLAP OR DANDY BAG WILL NOT FIT PROPERLY. HOLDING HANDLES, CAREFULLY PLACE DANDY BAG WITH GRATE INSERTED INTO CATCH BASIN FRAME SO THAT RED DOT ON THE TOP OF THE DANDY BAG IS VISIBLE.

**MAINTENANCE:**  
 AFTER SILT HAS DRIED, REMOVE IT FROM THE SURFACE OF DANDY BAG WITH BROOM.

DANDY PRODUCTS INC. (OR EQUAL)  
 4263 KELNOR WAY GROVE CITY,  
 PHONE (800) 591-2284  
 FAX (614) 873-4546

**DANDY BAG DETAIL**  
 N.T.S.

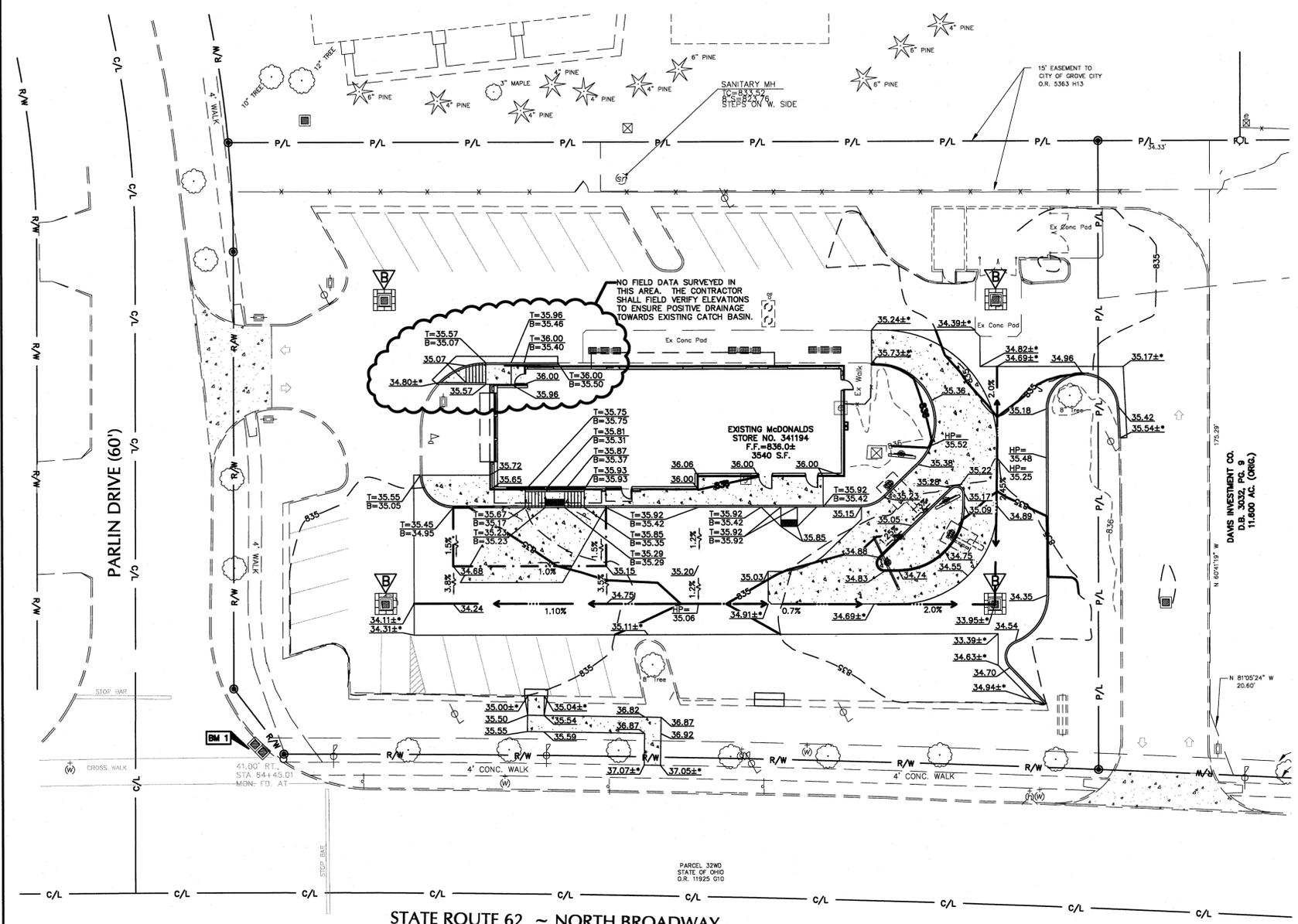
**GRADING PLAN NOTES**

**GENERAL NOTES**

- THE CONTRACTOR SHALL NOTIFY THE OHIO UTILITY PROTECTION SERVICE (800-362-2764) 48 HOURS PRIOR TO COMMENCEMENT OF CONSTRUCTION.
- FIELD CONTROL IS TO BE MAXIMIZED IN THE GRADING OF AREAS WITH A SLOPE OF LESS THAN 1.5% TO MINIMIZE THE OCCURRENCE OF UNWANTED PONDING.
- PRIOR TO SITE CONSTRUCTION ACTIVITY, THE CONTRACTOR SHALL INSTALL ALL SWPP MEASURES TO PROTECT EXISTING DRAINAGE FACILITIES. CONTRACTOR SHALL PREVENT SILT FROM LEAVING THE SITE AT ALL TIMES.
- ALL WORK SHALL BE PERFORMED IN ACCORDANCE WITH THESE PLANS AND SPECIFICATIONS AND THE REQUIREMENTS AND STANDARDS OF THE LOCAL GOVERNING AUTHORITY. THE SOILS REPORT (IF ONE IS AVAILABLE) AND RECOMMENDATIONS SET FORTH THEREIN ARE A PART OF THE REQUIRED CONSTRUCTION DOCUMENTS AND IN CASE OF CONFLICT SHALL TAKE PRECEDENCE UNLESS SPECIFICALLY NOTED OTHERWISE ON THE PLANS. THE CONTRACTOR SHALL NOTIFY THE CONSTRUCTION MANAGER OF ANY DISCREPANCY BETWEEN SOILS REPORT AND PLANS, ETC.
- UNLESS OTHERWISE SPECIFIED IN THE PLANS, SPECIFICATIONS, OR SOILS REPORT, THE SITE GRADING, EXCAVATION AND EMBANKMENT SHALL BE IN ACCORDANCE WITH THE STATE DEPARTMENT OF TRANSPORTATION AND MATERIAL SPECIFICATIONS.
- ALL EXCAVATED OR FILLED AREAS SHALL BE COMPACTED IN ACCORDANCE WITH THE PLANS AND SPECS AND THE RECOMMENDATIONS SET FORTH IN THE SOILS REPORT (IF ONE IS AVAILABLE). NOTIFY PROJECT ENGINEER IF ANY UNSUITABLE SOILS ARE FOUND.

- ALL DIMENSIONS AND GRADES SHOWN ON THE PLANS SHALL BE FIELD VERIFIED BY THE CONTRACTOR PRIOR TO CONSTRUCTION. IF ANY DISCREPANCIES EXIST PRIOR TO PROCEEDING WITH CONSTRUCTION, THE CONTRACTOR SHALL NOTIFY CONSTRUCTION MANAGER FOR NECESSARY PLAN OR GRADE CHANGES. NO EXTRA COMPENSATION SHALL BE PAID TO THE CONTRACTOR FOR WORK HAVING TO BE REDONE DUE TO DIMENSIONS OR GRADES SHOWN INCORRECTLY ON THESE PLANS IF SUCH NOTIFICATION HAS NOT BEEN GIVEN.
- SLOPE BUILDING SIDEWALK AWAY FROM THE BUILDING WITH A MAXIMUM OF 1.5% SLOPE (UNLESS OTHERWISE INDICATED.)
- CONTRACTOR SHALL PROVIDE BUTT END JOINT TO MEET EXISTING PAVEMENT IN ELEVATION AND ENSURE POSITIVE DRAINAGE.
- EXISTING SPOT ELEVATIONS ARE BASED ON PREVIOUSLY PREPARED SURVEY BY OTHERS AND MAY VARY FROM ACTUAL FIELD CONDITIONS. GPD GROUP IS NOT RESPONSIBLE FOR ANY ELEVATIONS WHICH MAY NOT MATCH FIELD ELEVATIONS. CONTRACTOR SHALL VERIFY ALL EXISTING SPOT ELEVATIONS PRIOR TO CONSTRUCTION. IN THE EVENT EXISTING SPOT ELEVATIONS DIFFER FROM WHAT IS SHOWN ON THIS PLAN THE CONTRACTOR SHALL CONTACT THE DESIGN ENGINEER FOR POSSIBLE PLAN CHANGES.

- ALL ELEVATIONS SHOWN ARE IN REFERENCE TO THE BENCHMARK AND MUST BE VERIFIED BY THE GENERAL CONTRACTOR AT GROUND BREAK.
- FINISH WALK AND CURB ELEVATIONS SHALL BE 6" ABOVE FINISH PAVEMENT.
- ALL LANDSCAPE AREAS SHALL BE ROUGH GRADED TO 4" BELOW TOP OF ALL WALKS AND CURBS.
- ADA PARKING NOTES: ALL GRADES SHOWN ON ADA PARKING AREAS MUST BE MAINTAINED. PARKING—1.5% SLOPE MAX. IN ALL DIRECTIONS. ACCESS ROUTE—1:20 (5%) RUNNING SLOPE MAX. 1.5% CROSS SLOPE MAX.
- ALL EXISTING ON-SITE STORM SEWERS AND APPURTENANCES TO REMAIN AND BE PROTECTED SHALL BE FIELD VERIFIED TO DETERMINE IF STRUCTURES ARE IN GOOD STANDING. CONTACT MCDONALD'S PROJECT MANAGER IN THE EVENT SYSTEM COMPONENTS ARE NOT IN SUITABLE CONDITION.
- ANY EXISTING ON-SITE STORM THAT IS TO REMAIN AND BE PROTECTED SHALL BE INSPECTED, CLEANED, AND REPAIRED AS REQUIRED. COST TO BE INCLUDED IN CONTRACTOR'S BID.
- SEE SURVEY PREPARED BY OTHERS FOR EXISTING ON-SITE SEWER SYSTEM.



**BENCHMARKS:**  
 BENCHMARK #1 - GUTTER ELEVATION AT CENTERLINE OF CURB AND GUTTER INLET ON THE EAST SIDE OF S.R. 62 AND ON THE SOUTH CURB RETURN TO PARLIN DRIVE.  
 ELEV. = 835.32

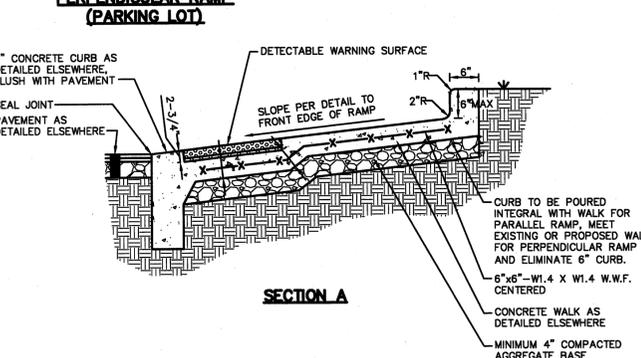
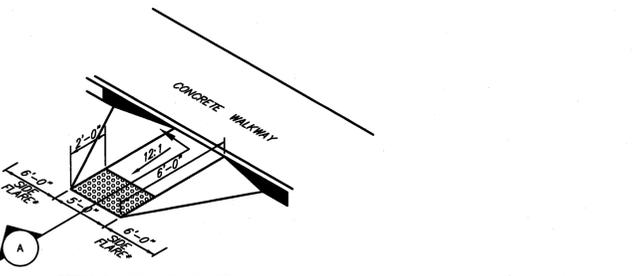
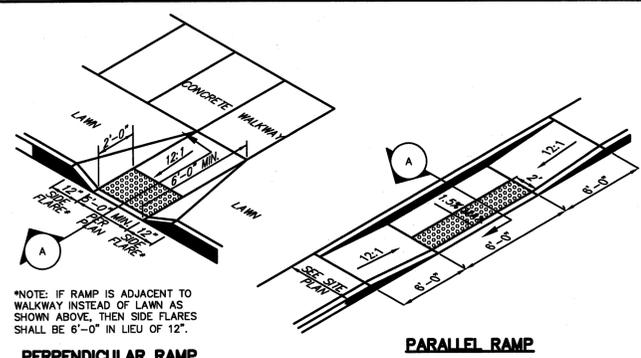
**Underground Utilities**

2 Working Days Before You Dig  
 Call 800-362-2764 (Toll Free)  
 Ohio Utilities Protection Service

Non-members Must Be Called Directly  
 Call 800-925-0988 (Toll Free)  
 Oil & Gas Producers Utility Protection Service

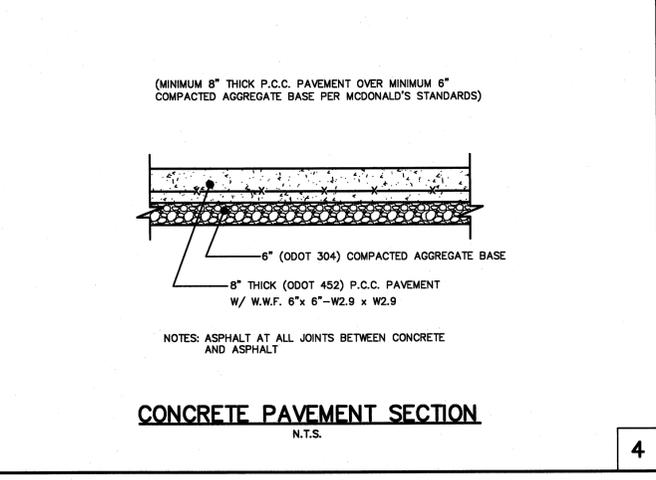
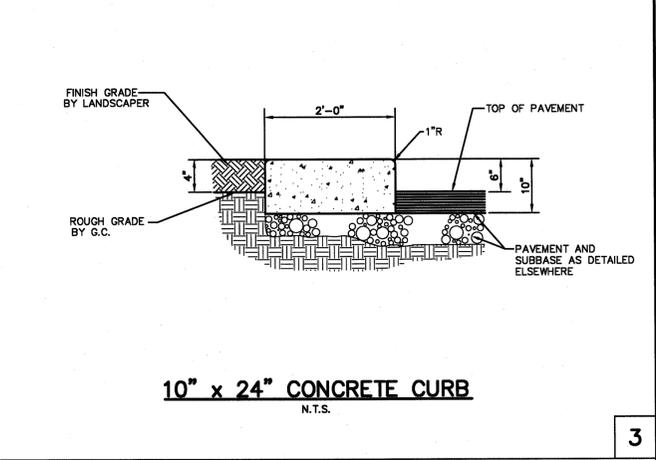
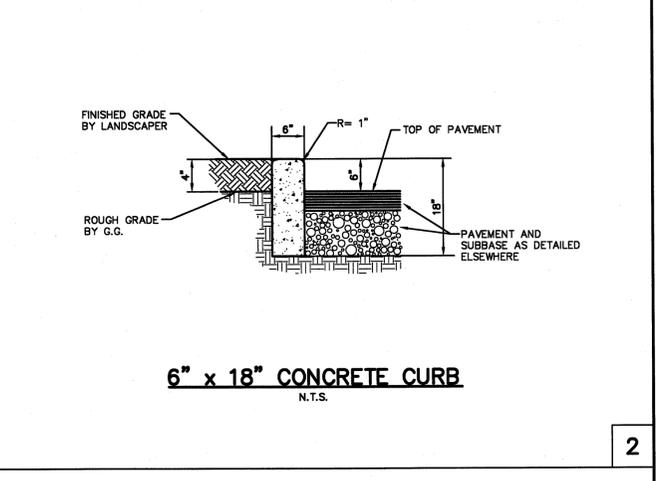
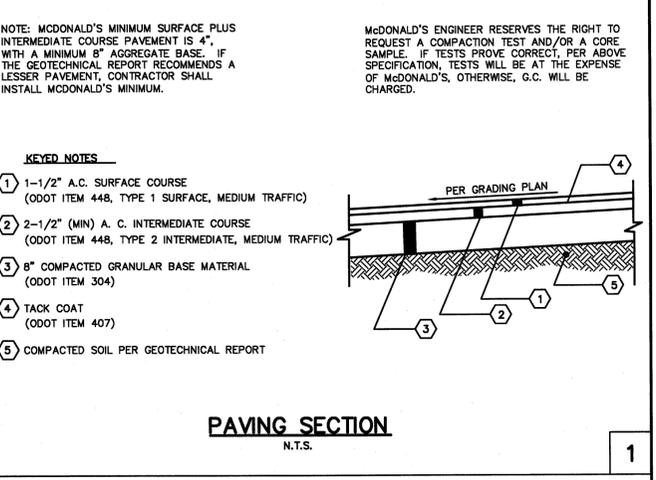
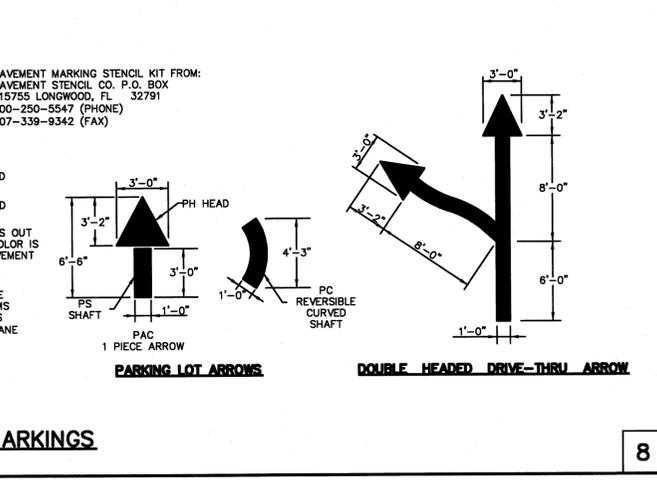
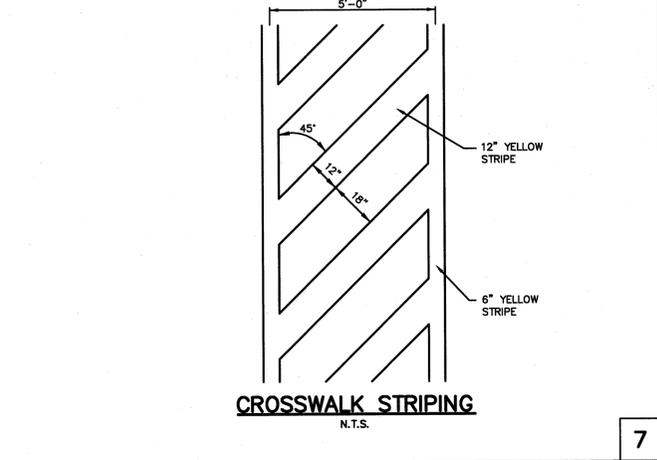
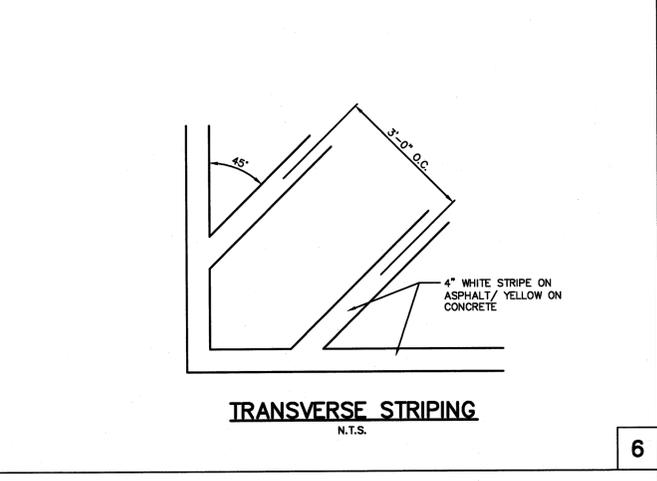
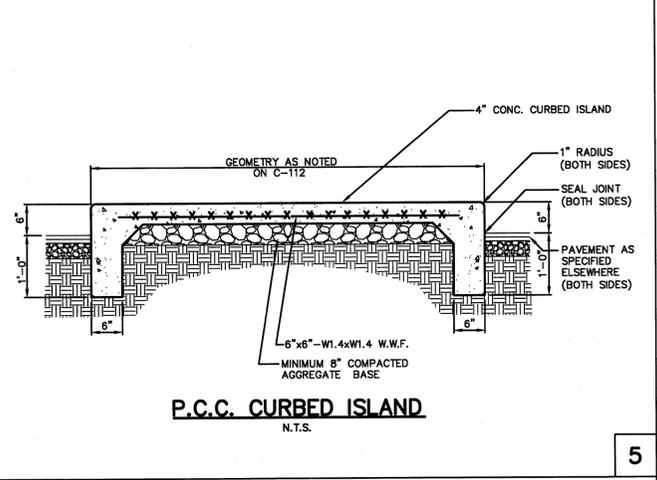
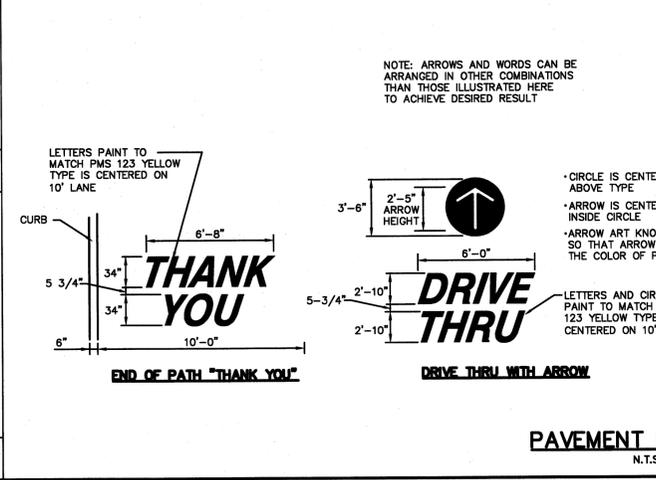
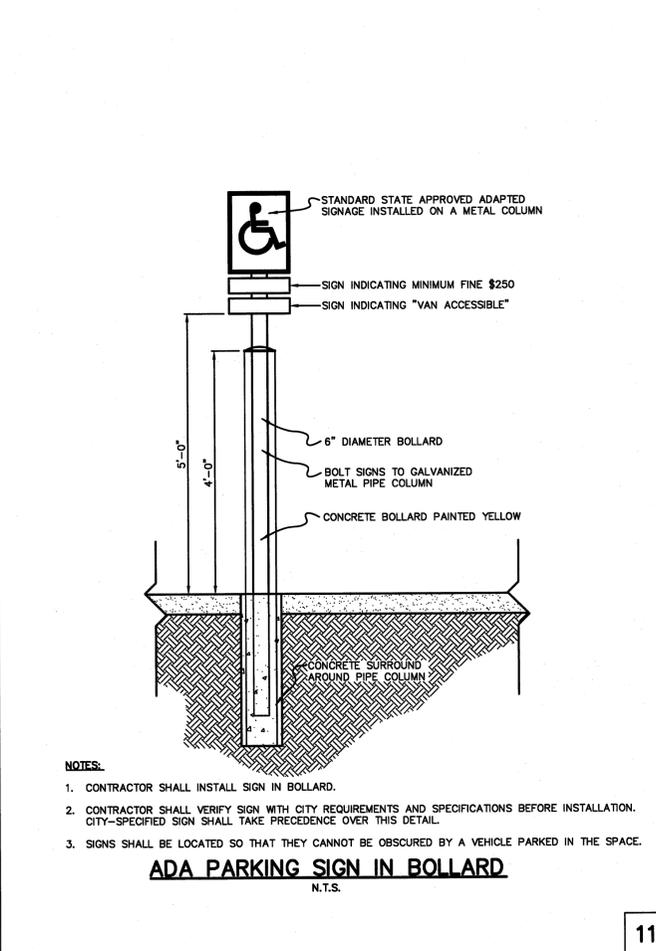
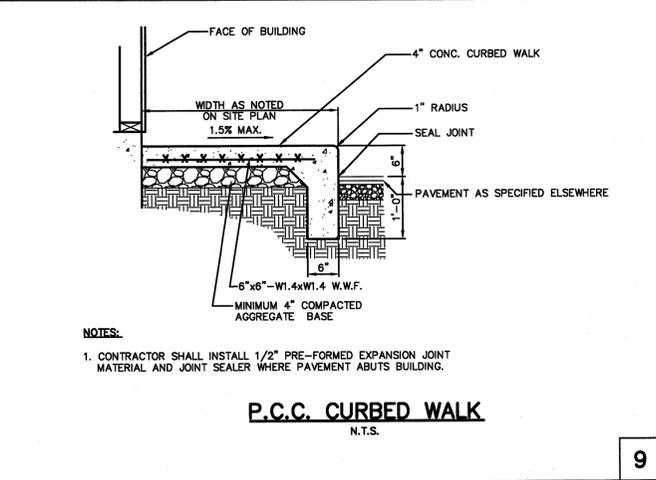
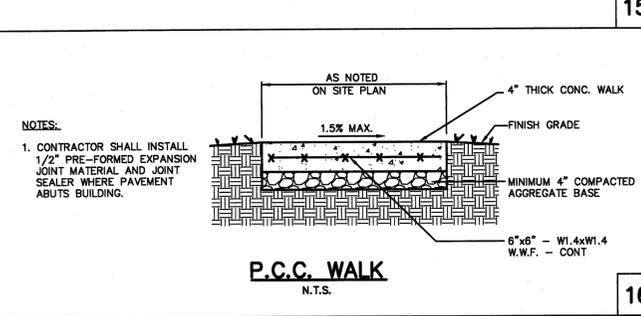
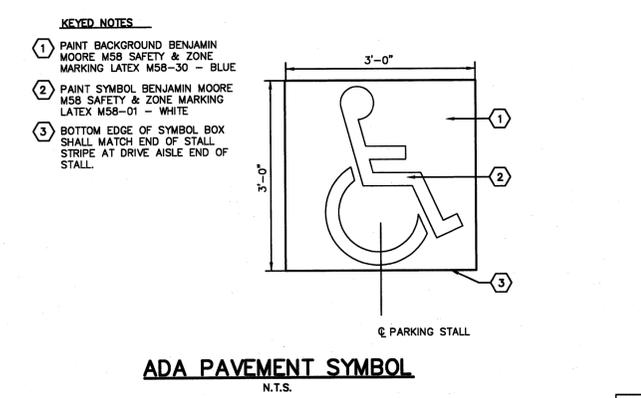
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**DETECTABLE WARNINGS**

- ARMOR-TILE TACTILE SYSTEMS DETECTABLE WARNING SURFACE TILE PER ARMOR-TILE SPECIFICATIONS FOR INSTALLATION (WWW.ARMOR-TILE.COM)
- DETECTABLE WARNING COLOR SHALL CONTRAST VISUALLY WITH ADJOINING SURFACES, EITHER LIGHT-ON-DARK, OR DARK-ON-LIGHT.



REV.	DATE	DESCRIPTION

**PROPOSED MRP**  
 STORE No. 034-1194  
 3370 BROADWAY, GROVE CITY, OH 43123

DESIGNED	DATE
MLH	08.15.2011
DRAWN	DATE
TJW	08.15.2011
CHECKED	DATE
	XX.XX.XXXX

JOB NO.  
**2011106.55**

**C-501**

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