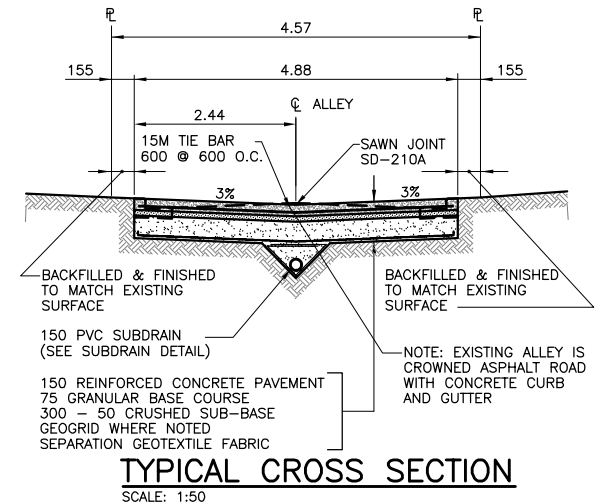
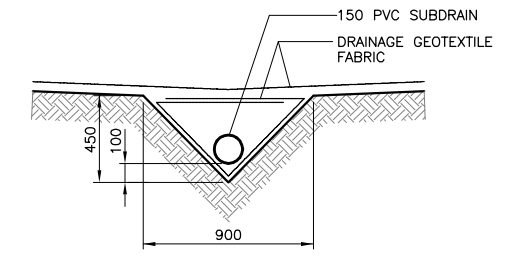


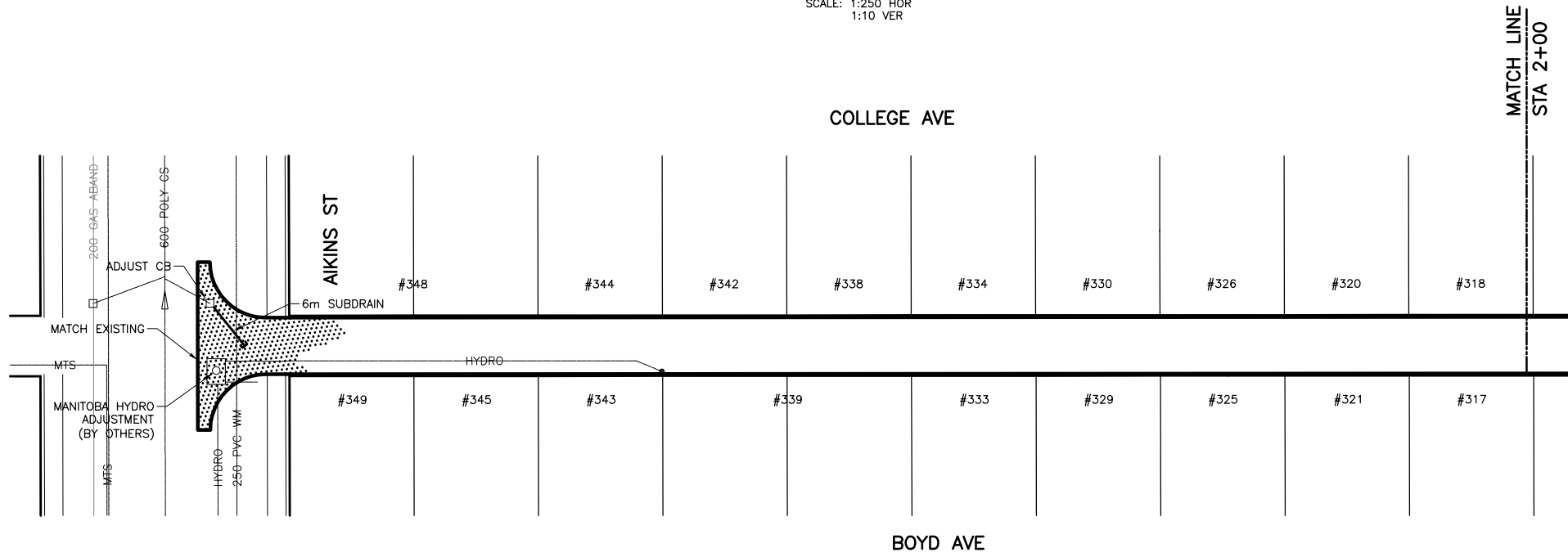
ALLEY PAVEMENT PROFILE
SCALE: 1:250 HOR
1:10 VER



TYPICAL CROSS SECTION
SCALE: 1:50



SUBDRAIN DETAIL
SCALE: 1:20



ALLEY PAVEMENT PLAN
SCALE: 1:250 HOR

- NOTE:**
1. STATION CHAINAGE IS BASED ON CENTERLINE OF ALLEY RIGHT OF WAY.
 2. ADJUST MH AND CB RIMS TO NEW GRADES.
 3. PLUG SUBDRAINS AT TERMINAL ENDS.
 4. REGRADE EXISTING PRIVATE SIDEWALKS AS REQUIRED.
 5. INSTALLATION OF LIP CURBS AND THEIR EXTENTS TO BE DETERMINED BY THE CONTRACT ADMINISTRATOR.
 6. LIGHT STANDARDS, HYDRO POLES AND ANCHORS MAY REQUIRE TEMPORARY SUPPORT/REMOVAL OR REPLACEMENT AT THE CONTRACTOR'S EXPENSE.
 7. ISOLATE ALL POLES, BASES AND PILES WITHIN ALLEY RIGHT OF WAY (SD-228C)
 8. AVOID DAMAGE TO EXISTING TREES WITHIN THE LIMITS OF CONSTRUCTION.

PROPERTY LIMITS DELINEATION

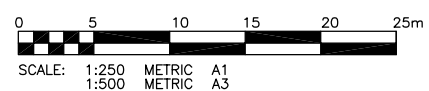
DELINEATION OF PROPERTY LIMITS AS SHOWN ON THIS DWG DOES NOT REPRESENT A "LEGAL SURVEY". KGS GROUP MAKES NO REPRESENTATION OR WARRANTY AS TO THE ACCURACY OF PROPERTY LIMITS DELINEATED ON THIS DWG, NOR ON THE DIMENSIONAL ACCURACY OF DWG FEATURES RELATIVE TO THOSE PROPERTY LIMITS.

WARNING

1. NOTIFY THE GAS COMPANY OF THE PROPOSED LOCATION OF EXCAVATION.
2. TAKE PRECAUTION TO AVOID DAMAGE TO GAS COMPANY INSTALLATIONS.
3. SEE PROVINCIAL REGULATION 210/72 FOR DETAILS.

METRIC

WHOLE NUMBERS INDICATE MILLIMETRES
DECIMALIZED NUMBERS INDICATE METRES



APCGM
Certificate of Authorization
KGS Group
No. 245 Date:

| EXISTING | LEGEND-PLAN | PROPOSED | EXISTING | LEGEND-PLAN | PROPOSED |
|----------|---------------------|----------|----------|--------------------|----------|
| 300 LBS | LAND DRAINAGE SEWER | 300 LBS | ⊕ | TEST HOLE | |
| 250 WWS | WASTE WATER SEWER | 250 WWS | — | GUY WIRE | |
| --- | GAS | --- | ⊙ | LIGHT STANDARD | |
| --- | HYDRO | --- | ⊙ | BACK OF CURB | |
| --- | M.T.S. | --- | --- | CONCRETE | |
| 150 WM | WATERMAIN | 150 WM | --- | ASPHALT | |
| ⊕ | HYDRANT | ⊕ | --- | SIDEWALK | |
| ⊙ | VALVE | ⊙ | --- | PROPERTY LINE | |
| ○ | MANHOLE | ○ | --- | SURVEY BAR | |
| □ | CATCH BASIN | □ | ⊕ | GEODETIC BENCHMARK | |
| ▽ | CURB INLET | ▽ | ⊙ | ELEVATION | (32.231) |
| • | POLES | • | TTT | | |
| | | | | | |

PRELIMINARY
NOT TO BE USED FOR CONSTRUCTION

LOCATION APPROVED UNDERGROUND STRUCTURES

Supv. U/G STRUCTURES COMMITTEE DATE

NOTE:
LOCATION OF UNDERGROUND STRUCTURES AS SHOWN ARE BASED ON THE BEST INFORMATION AVAILABLE BUT NO GUARANTEE IS GIVEN THAT ALL EXISTING UTILITIES ARE SHOWN OR THAT THE GIVEN LOCATIONS ARE EXACT. CONFIRMATION OF EXISTENCE AND EXACT LOCATION OF ALL SERVICES MUST BE OBTAINED FROM THE INDIVIDUAL UTILITIES BEFORE PROCEEDING WITH CONSTRUCTION.

| NO. | REVISIONS | DATE | BY |
|-----|----------------------|----------|----|
| 0 | ISSUED FOR TENDERING | 30/04/08 | CR |
| A | ISSUED FOR REVIEW | 18/04/08 | CR |

KGS GROUP CONSULTING ENGINEERS & PROJECT MANAGERS
WINNIPEG (204) 896-1209
THUNDER BAY (807) 345-2233

DESIGNED BY: CR
CHECKED BY: RJH

DRAWN BY: DW
APPROVED BY:

HOR. SCALE: 1:250
VERTICAL: 1:50

RELEASED FOR CONSTRUCTION: DATE

ENGINEER'S SEAL

CONSULTANT DRAWING NO.
07-0107-15

THE CITY OF WINNIPEG
PUBLIC WORKS DEPARTMENT
TRANSPORTATION ENGINEERING DIVISION

PROJECT TITLE
2008 ALLEY RENEWAL PROGRAM NORTH AREA - CONTRACT 1
BOYD AVE/COLLEGE AVE ALLEY
AIKINS ST TO CHARLES ST
STA. 1+00 TO STA. 2+00

SHEET **03** OF **07**

COMPUTER FILE NAME
BOYD.DWG

CITY DRAWING NUMBER
0003