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PROFESSIONAL
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STAMP

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Consultants



Revisions

No.	Description	Date
A	REVISED GRADES	20060420
B	REVISED AS PER CITY COMMENTS RE-ISSUED FOR APPROVAL	20060526

Client

CONSULTANT /
DEVELOPER
INFORMATION

EDMONTON ALBERTA

Project Title

**BRINTNELL
LANDING**
LOT 1&2 BLOCK 10
PLAN 0324198

171-BRINTNELL
BOULEVARD NW
Drawing Title

SITE GRADING PLAN

APPROVED LOT GRADING PLAN
STAMP WITH SIGNATURE OF
DRAINAGE SERVICES MANAGER

Drawn by CS/CP Checked by DP
Date 20060525
Scale AS SHOWN
Project No. **4133.2**
Drawing No.

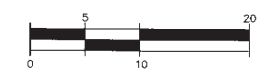
41332-C-02



SAW CUT AND REMOVE EX. S.F. CURB ACCESS CROSSING AND TIE-IN TO EX. ROAD TO THE SATISFACTION OF THE CITY ENGINEER

COMMERCIAL CROSSING SEE DETAIL DRAWING 41332-C-03

1 SITE PLAN
SCALE 1:400



- GENERAL NOTES:**
- CONTACT ALBERTA ONE CALL PRIOR TO CONSTRUCTION START (1-800-242-3447). EXISTING UTILITY LOCATIONS AND DIMENSIONS ARE APPROXIMATE ONLY. CONTRACTOR IS RESPONSIBLE TO LOCATE, PROTECT AND RELOCATE (IF NECESSARY) ALL UTILITIES, WHETHER SHOWN ON THE DRAWING OR NOT.
 - ELEVATIONS SHOWN ARE GEODETIC REFERENCED TO ASCM 488692 ELEVATION 683.762.
 - THE CONTRACTOR MUST PROVIDE TEST RESULTS AS REQUESTED BY THE ENGINEER TO VERIFY DESIGN REQUIREMENTS. TESTING IS TO BE DONE TO THE CITY OF EDMONTON DESIGN AND CONSTRUCTION STANDARDS MANUAL.
 - THE ENGINEER'S APPROVAL IS REQUIRED PRIOR TO SUBSTITUTING CONSTRUCTION MATERIALS OR METHODS.
 - THE CONTRACTOR IS REQUIRED TO PROVIDE A "RED LINE" AS-BUILT DRAWING UPON CONSTRUCTION COMPLETION.
 - SITE SERVICING CONTRACTOR IS TO CO-ORDINATE TIE-INS TO BUILDINGS WITH MECHANICAL CONTRACTOR. SITE SERVICING CONTRACTOR IS RESPONSIBLE FOR SERVICE INSTALLATIONS UP TO THE FOUNDATION WALL.
 - CONTRACTOR IS TO ENSURE OFFSITE DRAINAGE DOES NOT FLOW INTO DEVELOPED AREAS.

- SITE GRADING AND SURFACE WORKS NOTES:**
- ALL PROPOSED GROUND ELEVATIONS AND GRADES SHOWN ARE FINAL ELEVATIONS, INCLUDING ASPHALT, CONCRETE AND SOD.
 - CONTRACTOR SHALL CONFIRM ALL TIE-IN LOCATIONS AND ELEVATIONS PRIOR TO CONSTRUCTION.
 - TIE-IN ALL NEW SIDEWALKS AND ACCESS APRONS TO EXISTING CURBS, GUTTERS, ROADS, AND SIDEWALKS. ALL TIE-INS MUST BE DONE TO THE SATISFACTION OF THE ENGINEER.
 - ALL FILL MATERIALS PLACED ON SITE DURING ROUGH GRADING MUST BE COMPACTED TO 98% OF THE CORRESPONDING STANDARD PROCTOR DENSITY IN LIFTS NOT EXCEEDING 150mm IN COMPACTED THICKNESS AS DETERMINED AND VERIFIED BY APPROPRIATE LABORATORY AND FIELD TESTING.
 - ALL BASE COURSE MATERIALS UTILIZED FOR ASPHALT PAVEMENT STRUCTURES MUST BE COMPACTED TO 100% STANDARD PROCTOR DENSITY, USING VIBRATORY EQUIPMENT AND IN LIFTS NOT EXCEEDING 150mm IN COMPACTED THICKNESS.
 - SPLASH PADS ARE TO BE UTILIZED AT ALL DOWNSPOUT LOCATIONS.
 - POSITIVE DRAINAGE MUST BE PROVIDED AWAY FROM THE BUILDINGS AT A MINIMUM 10% SLOPE OVER THE FIRST 1.5m FROM THE OUTSIDE FACE OF THE BUILDING.
 - ALTERNATIVES TO PROVIDE CONSTRUCTION COST SAVINGS WILL BE ACCEPTED FOR REVIEW.

- LEGEND**
- 73.26 LIP OF GUTTER ELEVATION
 - 1.5% DRAINAGE DIRECTION & SLOPE
 - 71.34F FINISHED TOP OF SOD ELEVATION AT FOUNDATION (F)
 - 72.63L SPOT ELEVATION
 - 673.720 MAIN FLOOR ELEVATION
 - W/O WALKOUT
 - T TIERED FOOTING
 - HV LIGHT DUTY ASPHALT
 - LH LIGHT DUTY AREAS
 - B BOREHOLE LOCATION
 - R.F. ROLL FACE CURB
 - S.F. STRAIGHT FACE CURB
 - CENTRELINE OF SWALE
 - PROPOSED MANHOLE
 - PROPOSED CATCHBASIN

ROAD STRUCTURE

LIGHT DUTY AREAS	HEAVY DUTY AREAS
ASPHALTIC CONCRETE STAGE 1 (ACR)-35mm	ASPHALTIC CONCRETE STAGE 1 (ACO)-35mm
ASPHALTIC CONCRETE STAGE 2 FAC(ACR)-65mm	ASPHALTIC CONCRETE STAGE 2 FAC (ACO)-100mm
GRAVEL BASE-20mm CRUSH-200mm	GRAVEL BASE-20mm CRUSH-250mm
150mm SUBGRADE PREPARATION	150mm SUBGRADE PREPARATION