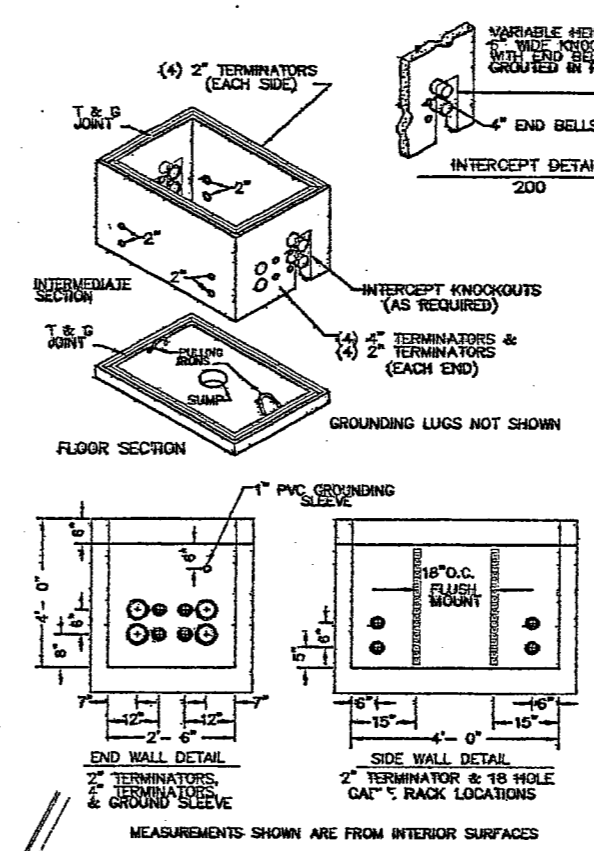


DISCLAIMER NOTE:
UTILITY LOCATIONS SHOWN ARE APPROXIMATELY. IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO DETERMINE THE EXACT HORIZONTAL AND VERTICAL LOCATION OF ALL EXISTING UNDERGROUND UTILITIES PRIOR TO COMMENCING CONSTRUCTION. EMBARQ ASSUMES NO RESPONSIBILITY FOR UTILITIES NOT SHOWN OR UTILITIES NOT SHOWN IN THEIR PROPER LOCATION.

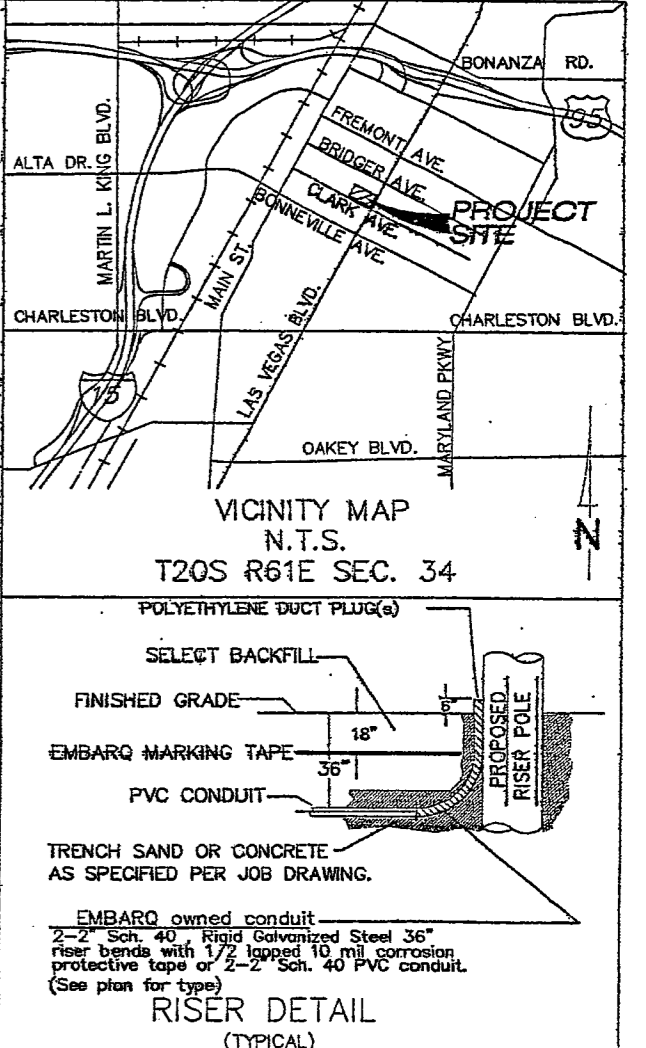
NOTE "B"
3/4" TERMINAL BACKBOARD TREATED WITH FIRE RETARDANT PAINT OR SEALER. WITH # 6 GROUND WIRE CONNECTED TO APPROVED COMMUNICATIONS GROUNDING SOURCE AS DETERMINED BY THE ELECTRICAL ENGINEER FOR THIS BUILDING OR DEVELOPER.

DETAIL "A"



LEGEND

—	PROPOSED CONDUIT	P.V.C. - 40 (CORRECT SIZES) GRADE
- - -	EXISTING CONDUIT	D.B. 60 FOR 1-1/4", 2", & 3"
□	MANHOLE	90° SNEEPS
□	400 PULL BOX	2'-0" x 2'-0" x 4'-0"
□	200 PULL BOX	2'-0" x 4'-0" x 4'-0"
□	30 PULL BOX	17" x 30" x 30"
▽	18" HAND HOLE	9" x 14"
□	EMBARQ 100 TERMINAL CABINET	18" x 18" x 48"
□	EMBARQ 50 TERMINAL CABINET	18" x 18" x 30"
□	3/4" PLYWOOD BACKBOARD	TELEPHONE TERMINAL BACKBOARD (T.T.B.) - TREATED WITH FIRE RETARDANT PAINT OR SEALER. BACKBOARDS SMALLER THAN 4' x 8' (E.G. 2' x 2', 4' x 4') SHOULD BE MOUNTED 40" ABOVE THE FLOOR.
—	# 6 GROUND WIRE	CONNECT TO THE APPROVED COMMUNICATIONS GROUNDING SOURCE AS DETERMINED BY THE ELECTRICAL ENGINEER FOR THIS BUILDING OR DEVELOPER.

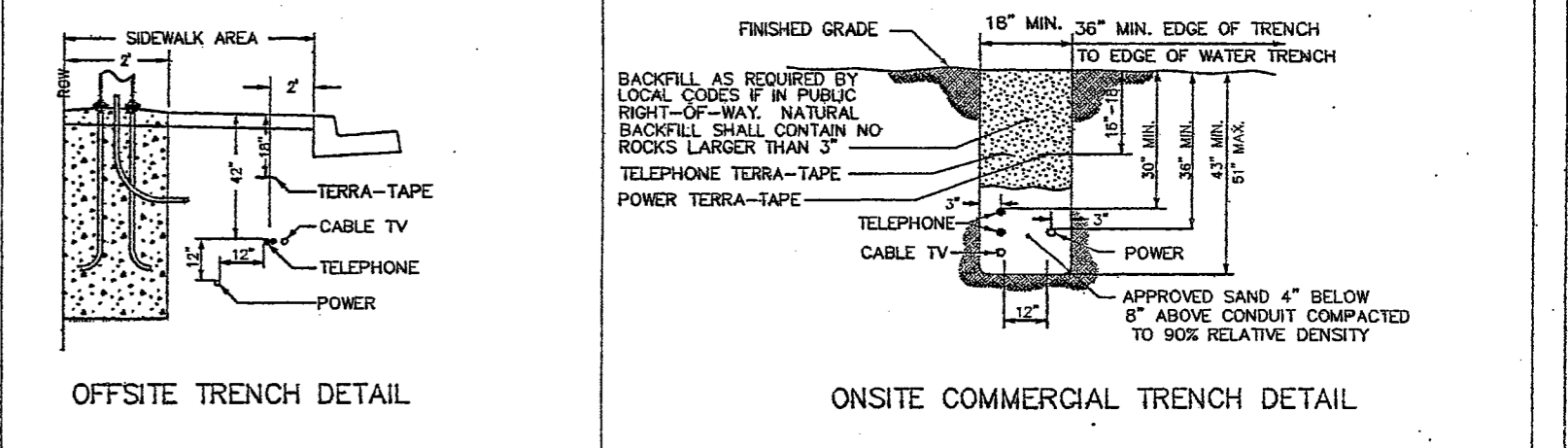


- CONSTRUCTION NOTES
- ALL CONSTRUCTION SHALL CONFORM TO THE LATEST ISSUE OF THE UNDERGROUND SPECIFICATIONS.
 - ALL CONDUIT, TRENCHING, BACKFILLING AND SUBSTRUCTURES ARE TO BE PROVIDED BY THE DEVELOPER AND CONFORM WITH EMBARQ STANDARDS UNLESS OTHERWISE SPECIFIED.
 - TRENCHING AND TELEPHONE SUBSTRUCTURES ARE TO BE PLACED IN THE SIDEWALK AREA WHENEVER POSSIBLE. ALL TRENCHING WILL BE OF A MINIMUM DEPTH TO MAINTAIN 30" OF COVER OVER UNDERGROUND TELEPHONE FACILITIES AND 12" MINIMUM SEPARATION FROM FOREIGN UTILITIES. NEW AND EXISTING BOXES WILL BE ESTABLISHED TO FINISHED GRADE.
 - ALL PULL BOXES (2'-0" x 4'-0" AND LARGER) AND MANHOLES ARE TO BE GROUNDING WITH A 3/8"x1/16" TINNED SOFT COPPER BONDING RIBBON PLACED VERTICALLY AROUND THE BOTTOM OF THE BOX WITH 3" ENDS STUBBED INSIDE.
 - WHEN EXISTING TELEPHONE FACILITIES (i.e. POLES, MANHOLES, PULL BOXES, CONDUIT, TERMINALS, ETC.) ARE AFFECTED BY IMPROVEMENTS (REQUIRED BY LOCAL ORDINANCE SUCH AS STREET LIGHTS, SIDEWALK, GUTTERS, ETC.) THE DEVELOPER SHALL BE RESPONSIBLE FOR THE ADJUSTMENT OF THESE FACILITIES AS REQUIRED.
 - PLYWOOD BACKBOARDS ARE TO BE TREATED WITH FIRE RETARDANT MATERIAL, PAINT, OR SEALER.
 - THE CONTRACTOR SHALL PROVIDE AND INSTALL A MEASURING TAPE CONSISTING OF A WATER PROOF, 400 POUND TENSILE STRENGTH, MARKED IN ONE FOOT OR LESS INCREMENTS IN AT LEAST ONE DUCT OF ALL CONDUIT SECTIONS. ALL OTHER DUCTS IN A MULTIPLE DUCT SYSTEM WILL HAVE A 3/32 INCH SET LINE FULL STRING WITH 400 POUND TENSILE STRENGTH.
 - THE CONTRACTOR SHALL PROBE AND MANHOLE ALL CONDUIT AFTER BACKFILLING WHILE AN EMBARQ INSPECTOR IS PRESENT. MANHOLE SIZE IS TO BE 1/4" SMALLER THAN THE INSIDE DIAMETER OF THE CONDUIT.
 - IN ORDER TO INSURE ADEQUATE FACILITIES ARE PROVIDED FOR THIS PROJECT, IT IS IMPERATIVE THAT THE CONDUIT RECOMMENDATION NOT BE CHANGED WITHOUT EMBARQ OUTSIDE PLANT ENGINEERING APPROVAL.
 - CONCRETE ENCASUREMENT SHALL CONSIST OF 3/4" AGGREGATE & SACKS, TYPE V, PORTLAND CEMENT CONCRETE. THE ENCASUREMENT SHALL BE A MINIMUM OF 2" BETWEEN THE CONDUIT AND A MINIMUM OF 3" ON THE TOP, BOTTOM AND SIDES OF THE DUCT BANK.
 - ALL TERMINALS, BACKBOARDS, CABINETS, ETC. SHALL BE EQUIPPED WITH A # 6 GAUGE GROUND WIRE, RUN TO AN APPROVED GROUND SOURCE.
 - A POLYETHYLENE DUCT PLUG SHALL BE INSTALLED IN ALL CONDUIT WHERE TERMINATED OR STUBBED.
 - PROTECTIVE POSTS SHALL BE 4" RIGID STEEL PIPE, SIX FEET IN LENGTH, FILLED AND SET IN CONCRETE AT LOCATIONS SHOWN. THE TOP OF THE PROTECTIVE POST SHALL BE 36 INCHES ABOVE THE PROPOSED FINISHED GRADE AND PAINTED WITH YELLOW STREET MARKING PAINT.
 - IF EXISTING TERMINALS ARE NOT UTILIZED TO JOIN SUBSTRUCTURES, CALL 244-7811 FOR AN EMBARQ INSPECTOR. 24 HOURS PRIOR TO EXTERMINATING ANY EXISTING MANHOLE OR PULL BOX. THE ENTRANCE LOCATION IS VERY CRITICAL AND WILL BE DETERMINED AT THAT TIME. CORE DRILLING AND PROPER GROUTING IS MANDATORY. ENTERING THE SIDE OF AN EMBARQ MANHOLE OR PULL BOX IS NOT PERMITTED UNLESS APPROVED BY EMBARQ.
 - ALL TELEPHONE BOXES WILL BE REQUIRED TO HAVE AN 8" x 8" CONCRETE COLLAR POURED AROUND THE TOP PORTION OF THE BOX PER EMBARQ STANDARDS, EXCEPT WHEN BOXES ARE TO BE LOCATED IN A CONCRETE SIDEWALK AREA.
 - EMBARQ WILL REQUIRE "AS-BUILT" FOOTAGES PRIOR TO ORDERING CABLE TO SERVE THIS DEVELOPMENT. THESE FOOTAGES MUST BE RECEIVED SIX WEEKS PRIOR TO SERVICE INSTALLATION DUE DATES.
 - CALL 244-7811 TO SCHEDULE EMBARQ INSPECTION 24 HOURS PRIOR TO STARTING ANY WORK.

- LEGEND
- 2-4" CONDUIT - DB-100 (EST. 295')
 - 2-4" RGS 48" 90° BENDS (QTY 4 EA) DOUBLE WRAPPED 10 MIL TAPE BY DEVELOPER
 - PLACE INTERCEPT 200 PULL BOX (QTY 1 EA) 2'-6"x4'-0"x4'-0" WITH 2 - TRAFFIC RATED HINGED ALUMINUM, TORSION ASSISTED LIDS MARKED "TELCO", WITH GALVANIZED ADJUSTING FRAME, AND 4-18 HOLE CABLE RACKS (2 EA. SIDE) A. PULL BOX FURNISHED AND INTALLED BY DEVELOPER.
 - TELEPHONE TERMINAL BACKBOARD (QTY 1 EA) 4' x 8' x 3/4" PLYWOOD BACKBOARD AND A # 6 SOLID COPPER GROUND CONNECTED TO AN APPROVED GROUND SOURCE. BY DEVELOPER

APPROVED FOR CONSTRUCTION
THIS APPROVAL IS FOR WORK IN CLV R/W OR CLV EASEMENT ONLY. OBTAINING PERMISSION OR EASEMENTS FOR WORK SHOWN ON PRIVATE PROPERTY IS THE RESPONSIBILITY OF THE UTILITY

APPROVAL: [Signature] 11/23/06 DATE



CONTRACTOR / DEVELOPER NOTE

- THE DEVELOPER/CONTRACTOR SHALL CALL 244-7811 TO SCHEDULE INSPECTIONS 24 HOURS IN ADVANCE. REQUESTS RECEIVED AFTER 11:00 AM MAY NOT BE SCHEDULED FOR THE FOLLOWING WORKDAY.
- ANY MODIFICATIONS TO THE EMBARQ DESIGN MUST BE APPROVED BY THE ENGINEER.
- THESE PLANS WILL BE VALID FOR SIX MONTHS FROM DATE OF ISSUE.

EASEMENT / PERMIT CERTIFICATION	CITY OF LAS VEGAS PERMIT REQUIRED	OWNER/CONTACT: PROTESTO MARTINEZ
EASEMENT / PERMIT OBTAINED: YES <input type="checkbox"/> NO <input type="checkbox"/>	DEVELOPER/CONTRACTOR SHALL OBTAIN A CITY PERMIT BEFORE ANY EXCAVATION WORK WITHIN CITY OF LAS VEGAS RIGHT-OF-WAY	TELEPHONE: (702) 367-6900
DATE EASEMENT / PERMIT OBTAINED:	* EMBARQ INSPECTOR WILL VERIFY CITY PERMIT WORK DONE WITHIN CITY OF LAS VEGAS RIGHT-OF-WAY	[Signature] 11/23/06 DATE
ROW ENGINEER SIGNATURE:	INSPECTOR	REVIEWED BY FACILITY ENGINEER
EMBARQ EASEMENT/PERMIT NUMBER:		
REMARKS:		

NO.	REVISION	ENGR	MGR.	DATE

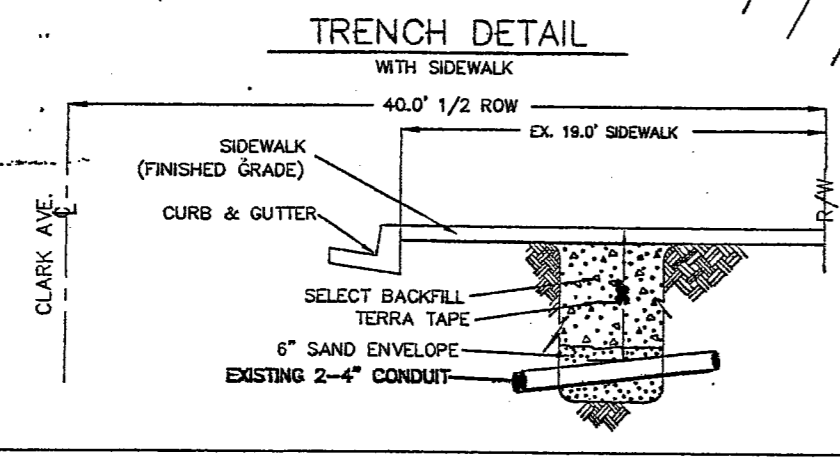
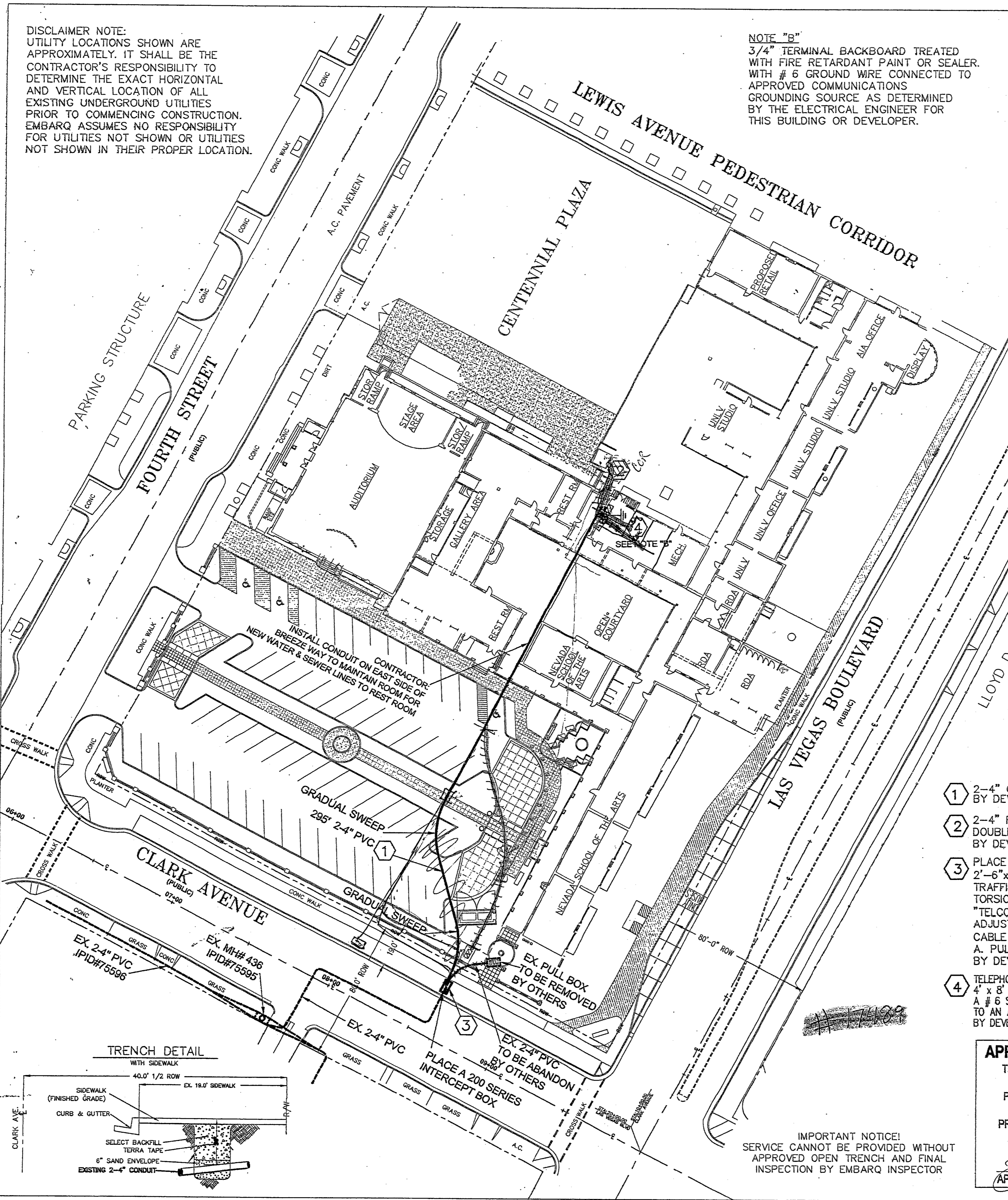
Call before you Dig.
1-800-227-2600
EMBARQ PROPRIETARY
CONSTRUCTION PERMIT REQUIRED BY CONTRACTOR

UNDERGROUND CONDUIT REQUIREMENT for 5TH SCHOOL RENOVATION LAS VEGAS BLVD. & CLARK AVE.

CORREA 244-1868 MN 11/08/06 1 of 1

STOKES 244-1868 MN 11/08/06 1 of 1

513-65C-8PK



RECORD AS-BUILTS RECEIVED
JAN 19 2007
CITY OF LAS VEGAS PERMITS

PLANS APPROVED
ELECTRICAL ENGINEER
[Signature]
City of Las Vegas, Nevada
JAN 18 2007

REVISION 2/27/07

C-478-06

JOB

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