

ALL CONSTRUCTION SHALL CONFORM TO ZAYO AND CLARK COUNTRY AREA UNIFORM STANDARD DRAWINGS AND SPECIFICATIONS.

ALL CONDUIT, PULL BOXES, MANHOLES, TRENCHING, BACK FILLING AND STRUCTURES ARE TO BE PROVIDED BY THE CONTRACTOR AND CONFORM TO ZAYO STANDARDS UNLESS OTHERWISE SPECIFIED.

TRENCHING AND TELEPHONE BOXES ARE TO BE PLACED IN THE SIDEWALK AREA WHENEVER POSSIBLE. ALL TRENCHING WILL BE TO A MINIMUM DEPTH TO MAINTAIN A 3" COVER OVER ALL ZAYO FACILITIES AND 12" MINIMUM.

SEPARATION FROM FOREIGN UTILITIES, NEW AND EXISTING BOXES WILL BE ESTABLISHED TO FINISH GRADE.

ALL 90 DEGREE BENDS MUST BE A MINIMUM OF A 48" SWEEP.

ALL 45 DEGREE BENDS, ELBOWS AND MANHOLES ARE TO BE GROUNDED WITH A 3/8" x 1/16" TINNED SOFT COPPER BONDING RIBBON PLACED VERTICALLY ALONG THE BOTTOM OF THE BOX WITH A 3" END STUBBED IN.

PVC AND BACKBOARDS ARE TO BE TREATED WITH A FIRE RETARDANT MATERIAL, PAINT OR SEALER.

THE CONTRACTOR SHALL PROVIDE AND INSTALL A MEASURING TAPE CONSISTING OF A WATER PROOF 400 LB. TENSILE STRENGTH MINIMUM 1/2" THICK FLOOR COVERING TO BE APPROVED BY THE CITY ENGINEER'S APPROVAL.

ALL CONDUIT STRINGS, ALL OTHER DUCTS WILL HAVE A 3/32" JET LINE PULL CONNECTIONS WITH 400 LB. TENSILE STRENGTH.

THE CONTRACTOR SHALL PROVIDE AND MANDRELL ALL CONDUIT AFTER BACK FILLING WHILE AN ZAYO ENGINEER IS PRESENT.

ALL CONDUIT BENDS ARE TO BE 14" SMALLER THAN THE INSIDE DIAMETER OF CONDUIT.

IN ORDER TO INSURE ADEQUATE FACILITIES ARE PROVIDED FOR ON THE PROJECT, IT IS IMPERATIVE THAT THE CONDUIT DESIGN NOT BE LIMITED TO EITHER THE CITY OR THE ENGINEER'S APPROVAL.

ALL TERMINALS, BACKBOARDS, CABINETS, ETC., SHALL BE EQUIPPED WITH A #8 GAUGE COPPER GROUND WIRE, ATTACHED TO A COMMON POWER MGN.

PULL BOXES AND MANHOLES NOT IN A CONCRETE SIDEWALK, WILL BE REQUIRED TO HAVE A PROTECTIVE 8" CONCRETE COVER, 24" MINIMUM AROUND THE TOP PORTION OF THE BOX AND H-20 LOAD BEARING LIDS.

ALL CONDUIT ENDS (TERMINATED OR STUBBED) WILL HAVE A TAPERED POLYETHYLENE DUCT PULL WITH A PULL STRING ATTACHED.

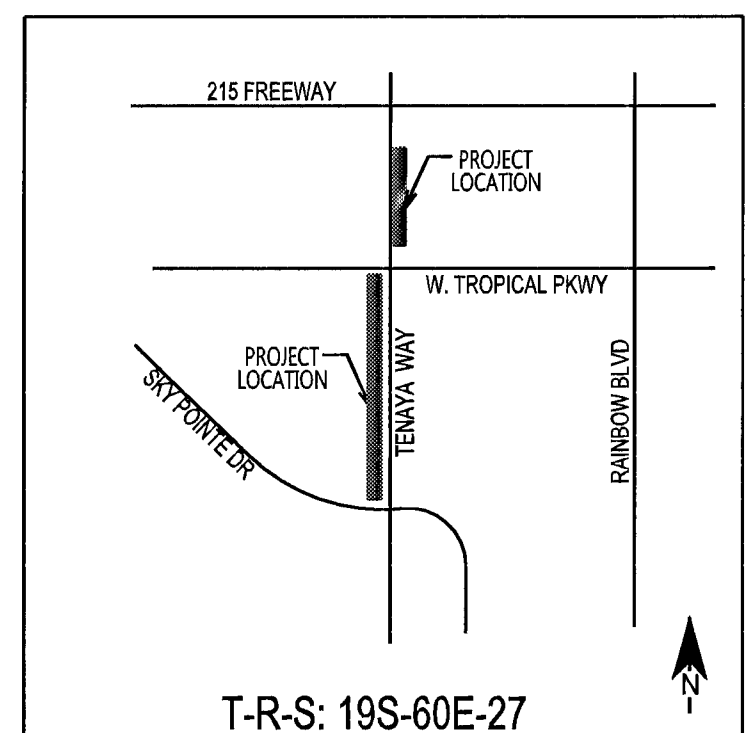
INSPECTION IS REQUIRED FOR ALL PHASES OF THE JOB.

THESE PHASES ARE:

- "OPEN TRENCHES AFTER CONCRETE HAS BEEN PLACED.
- "PRESERVATION OF BACKFILL AND COMPACTION AS
- "MEETING STANDARDS
- "MANDREL OF CONDUIT
- "WALL OF PULL BOXES AND MANHOLES MUST BE "CORED BY THE PROPER AGENCY TO VERIFY THE FOLLOWING:
- "GROUTING OF PULL BOXES AND CONCRETE COLLARS.
- "PULL STRING IN ALL CONDUITS

ALL WORK MUST BE ACCEPTED BY ZAYO, AS MEETING ZAYO STANDARDS, FOR THE CONTRACTOR TO BE PAID FOR THE PROJECT.

PLEASE ANY TYPE OF TELECOMMUNICATIONS CABLE/FIBER.



- ○ STORAGE LOOP
- (24)— 24 CT. FIBER
- R/R SIDEWALK
- ▢ SPLICE POINT
- ▧ T-200, 400
- ▩ NVE FUSE CABINET/MANHOLE
- MANHOLE
- ⊗ R/R 5x5 SLAB AND/OR BORE PIT
- B-30 VAULT
- ⊗ WOOD POLE
- BORE
- TRENCH
- ⊕ — INDICATES CENTER LINE
- INDICATES RIGHT OF WAY

COORDINATE CONSTRUCTION WITH
ZAYO. ALL UG CONDUIT TO
BE EQUIPPED WITH LOCATE WIRE.
MAINTAIN A MINIMUM OF 36"
(PLACE BORE PITS AS NECESSARY)

Contact: Rob T.
FIBER OPTIC TECH.
ZAYO
35 S. Fort Apache Rd. Suite A
Las Vegas, NV 89148
PHONE: (702) 949-7948
FAX: (702) 949-7929

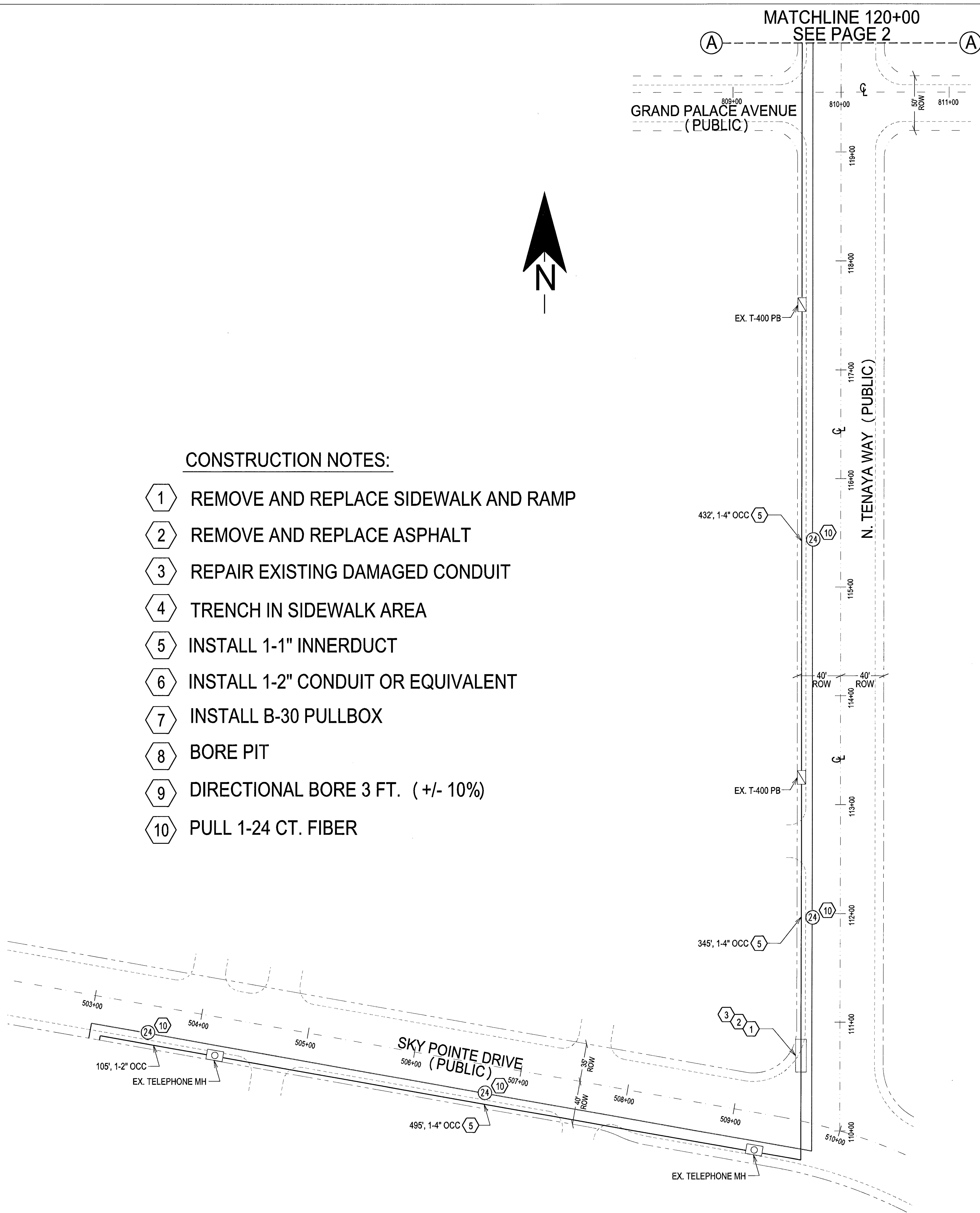
UTILITY LOCATIONS SHOWN HEREON ARE APPROXIMATE ONLY. IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO DETERMINE THE EXACT HORIZONTAL AND VERTICAL LOCATION OF ALL EXISTING UNDERGROUND UTILITIES PRIOR TO COMMENCING CONSTRUCTION. NO REPRESENTATION IS MADE THAT ALL EXISTING UTILITIES ARE SHOWN HEREON. THE ENGINEER ASSUMES NO RESPONSIBILITY FOR UTILITIES NOT SHOWN OR UTILITIES NOT SHOWN IN THEIR PROPER LOCATION.



Know what's below.
Call before you dig.

CALL BEFORE
YOU DO OVERHEAD
CALL: 1-702-227-2929

- 1 REMOVE AND REPLACE SIDEWALK AND RAMP
- 2 REMOVE AND REPLACE ASPHALT
- 3 REPAIR EXISTING DAMAGED CONDUIT
- 4 TRENCH IN SIDEWALK AREA
- 5 INSTALL 1-1" INNERDUCT
- 6 INSTALL 1-2" CONDUIT OR EQUIVALENT
- 7 INSTALL B-30 PULLBOX
- 8 BORE PIT
- 9 DIRECTIONAL BORE 3 FT. (+/- 10%)
- 10 PULL 1-24 CT. FIBER



EXISTING ASPHALT SIDEWALK

1" TRENCH

2.5"

18"

VARIES

3" (+/- 1/4")

TELEPHONE TERRA-TAPE

BACKFILL IS REQUIRED BY LOCAL CODES IN PUBLIC RIGHT-OF-WAY. NATURAL BACKFILL SHALL CONTAIN NO ROCKS LARGER THAN 6"

6" MIN.

2" MIN.

12" MAX.

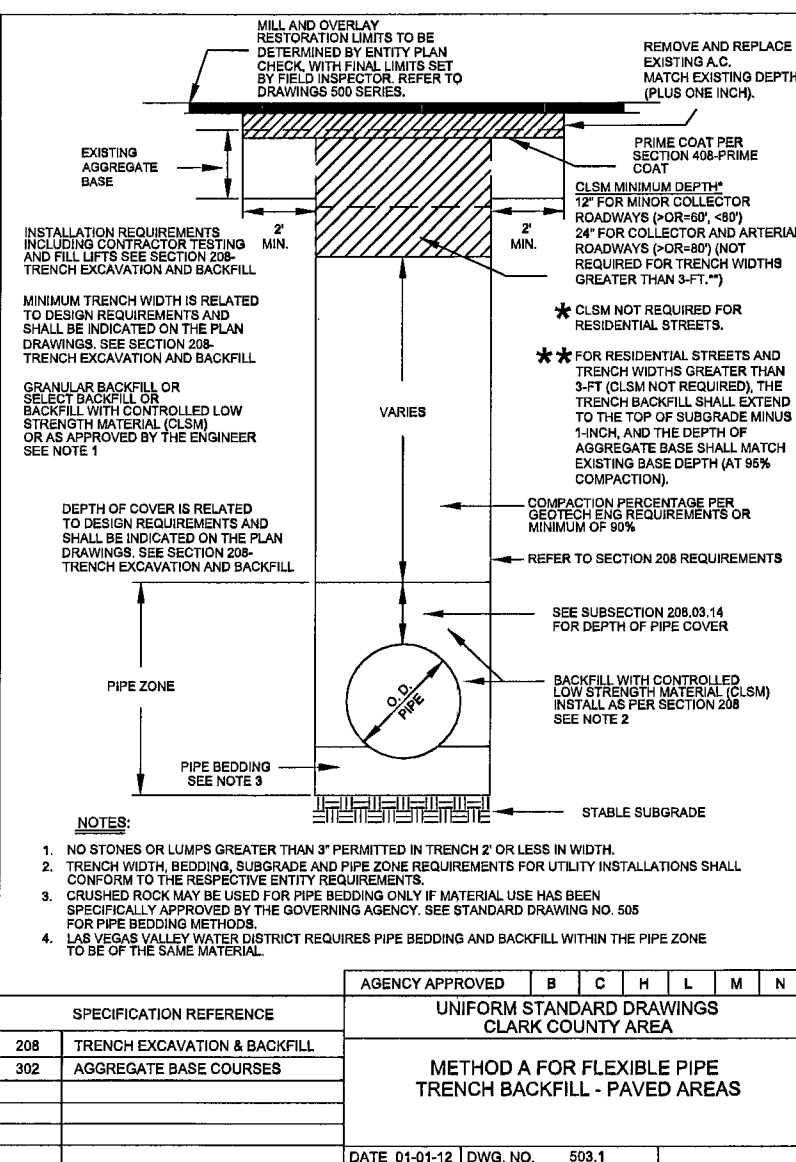
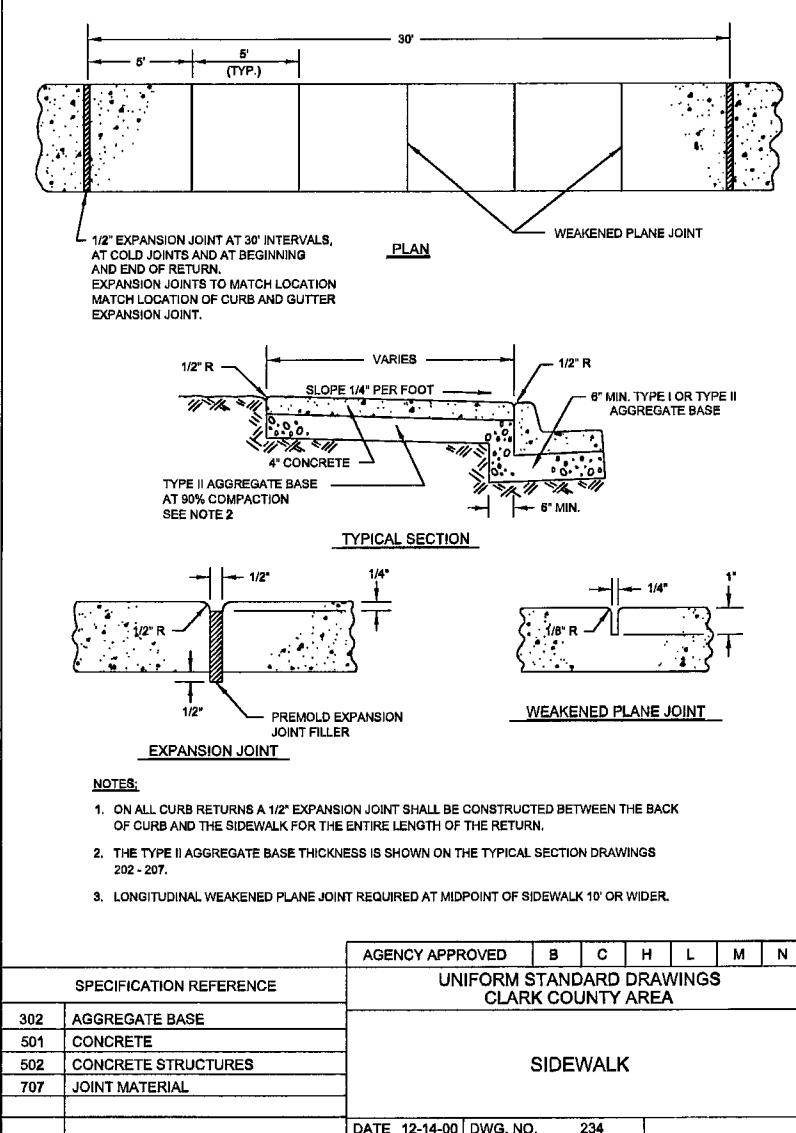
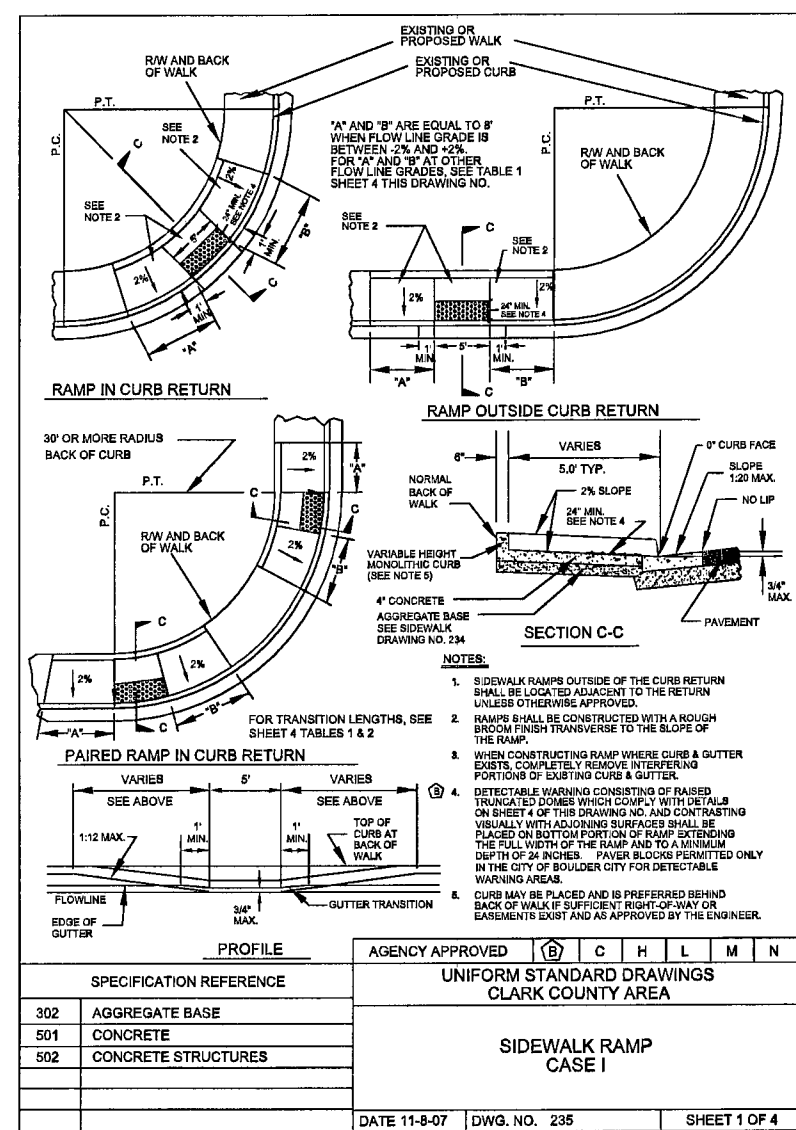
1.2" CONDUIT

APPROVED SAND 6" ABOVE AND 2" BELOW CONDUIT COMPACTED TO 90% RELATIVE DENSITY

NOTE: ALL WORK SHALL COMPLY WITH
THE CCAU STANDARDS DRAWINGS.

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

Approval 52111 52336 Date 1-29-14
107V6146-F1B



CITY OF LAS VEGAS PUBLIC WORKS
REQUIRES*

DEVELOPER/CONTRACTOR SHALL OBTAIN A
CITY OF LAS VEGAS (CLV) PERMIT BEFORE
ANY EXCAVATION WORK WITHIN CITY OF
LAS VEGAS RIGHT-OF-WAY

*ZAYO INSPECTOR WILL VERIFY CITY OF LAS VEGAS PERMIT FOR WORK DONE WITHIN CLV RIGHT-OF-WAY

INSPECTOR:	DATE
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SCALE (H)
1"=50'

DESIGN BY
FRANK

DRAWN BY
MATT

REVIEW BY

PROJECT NAME:
5741 Sky Pointe Drive

PROJECT LOCATION:
Sky Pointe Dr. & N. Tenaya Wy.

PROJECT NUMBER:
7-13038

010 848 7820

zayo®
5735 S. FORT APACHE RD., SUITE A
LAS VEGAS, NV 89148
OFFICE: (702) 940-7048 FAX: (702) 940-7049

SHEET

1

1 of 2 SHEETS