# T-Mobile®

| | | | |
|---|---|---|---|
| **SITE NUMBER:** | **SV12186A** | **SITE ADDRESS:** | **40810 1/2 30TH ST W** |
| **SITE NAME:** | **N-8 & 30TH ST ROW JPA** | | **PALMDALE, CA** |
| **NEW POLE #** | **10244PBM** | **JURISDICTION:** | **COUNTY OF LOS ANGELES** |

## PROJECT DESCRIPTION

| | |
|---|---|
| SCOPE OF WORK | PROJECT CONSISTS OF INSTALLATION AND OPERATION OF UNMANNED TELECOMMUNICATION EQUIPMENT AND (3) ANTENNAS WITHIN THE PUBLIC RIGHT OF WAY. THIS SITE CONSISTS OF AN 7'-1.5" X 17'-1.5" X 14'-6.25" VAULT, (4) RBS 2206 CABINETS INSIDE VAULT AND (1) POWER PEDESTAL. |
| SITE ADDRESS: | 40810 1/2 30TH ST W<br>PALMDALE, CA 93551 |
| APPLICANT: | T-MOBILE<br>4100 GUARDIAN STREET<br>SIMI VALLEY, CA 93063 |
| ASSESSOR'S PARCEL NO: | F/O 3001-015-040 |
| LATITUDE (NAD 83): | 34° 37' 26.90" N |
| LONGITUDE (NAD 83): | 118° 11' 00.18" W |
| ELEVATION (NAVD 88): | 2620.60' |
| JURISDICTION: | COUNTY OF LOS ANGELES |
| CURRENT USE: | NONE |
| PROPOSED USE: | TELECOMMUNICATION FACILITY |
| CURRENT ZONING: | PUBLIC RIGHT OF WAY |
| POWER COMPANY: | DWP |
| TELEPHONE COMPANY | AT&T |

## SHEET INDEX


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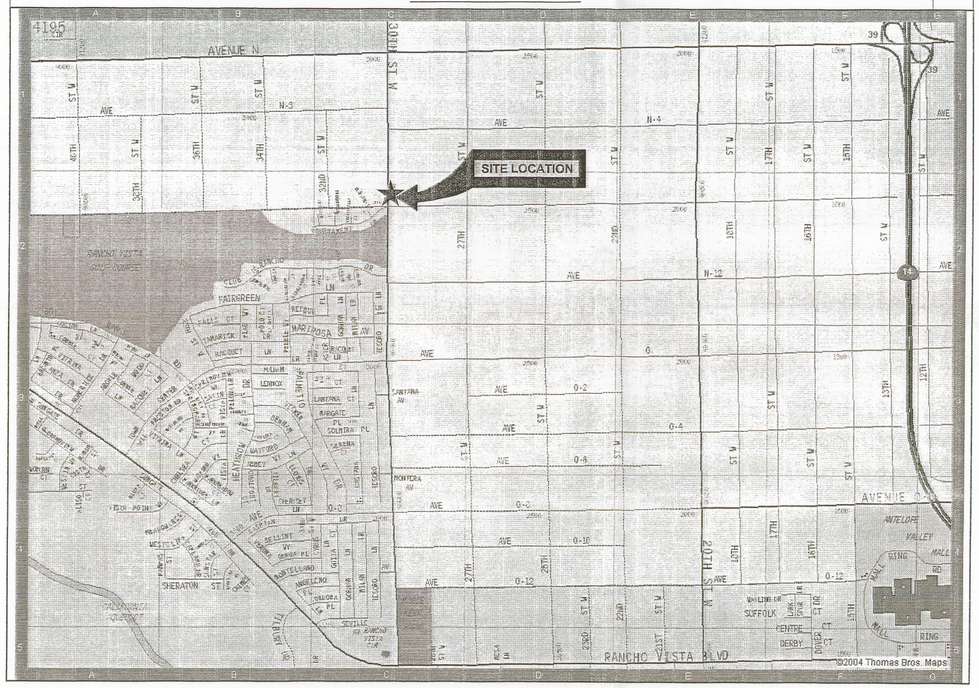
THOMAS GUIDE # 4195-C2

## VICINITY MAP




## PROJECT PRINCIPALS

| TITLE | COMPANY | NAME | NUMBER |
|---|---|---|---|
| ZONING MANAGER | T-MOBILE | ADRIANNE PATNAUD | 714-553-5658 |
| PROJECT MANAGER | BMS | JASON HAFER | 805-581-6534 |
| CONSTRUCTION MANAGER | T-MOBILE | STACY PAYNE | 805-584-5744 |
| ENGINEER/UTILITY COORDINATION | BMS | DENNIS ENNIS | 805-581-6525 |
| REAL ESTATE MANAGER | T-MOBILE | ALBERT CROCKENBERG | 805-304-6632 |
| PLANNING/ZONING | BMS | DOUG MEYER | 805-581-6555 |
| RF ENGINEER | T-MOBILE | DINESH AMBWANI | 818-375-9513 |
| SURVEYOR | BERT HAZE | DENNIS ROSE | 714-557-1567 |

## APPROVALS

| TITLE | COMPANY | SIGNATURE | DATE |
|---|---|---|---|
| ZONING MANAGER | T-MOBILE | _____ | _____ |
| RF ENGINEER | T-MOBILE | _____ | _____ |
| REAL ESTATE MANAGER | T-MOBILE | _____ | _____ |
| PLANNING/ZONING | BMS | _____ | _____ |
| UTILITY | EUKON GROUP | _____ | _____ |
| CONSTRUCTION COORDINATOR | EUKON GROUP | _____ | _____ |

## DRIVING DIRECTIONS

DIRECTIONS FROM T-MOBILE: 4100 GUARDIAN ST, SIMI VALLEY, CA:
1: START OUT GOING SOUTHWEST ON GUARDIAN ST TOWARD TAPO CANYON RD. 0.4 MI
2: TURN RIGHT ONTO TAPO CANYON RD. 1.2 MI
3: MERGE ONTO CA-118 E. 14.6 MI
4: MERGE ONTO I-405 N TOWARD SACRAMENTO. 3.0 MI
5: MERGE ONTO I-5 N. 3.1 MI
6: MERGE ONTO CA-14 N VIA EXIT 162 TOWARD PALMDALE/LANCASTER. 38.8 MI
7: TAKE THE AVENUE N EXIT, EXIT 39. 0.3 MI
8: TURN LEFT ONTO W AVENUE N. 1.8 MI
9: TURN LEFT ONTO 30TH ST W. 0.5 MI
10: 40810 30TH ST W IS ON THE LEFT. 0.0
40810 30TH ST W, PALMDALE, CA 93551


BMS Communications, Inc.
4133 GUARDIAN ST
SIMI VALLEY CA 93063
TEL(805) 526-1141
FAX (805) 526-6720


DRAWN BY: BAM
DATE: 11/03/09
PROJECT NO.: TMS18400
ENGINEER DATE: 10/24/09

T-Mobile®
4100 GUARDIAN STREET
SIMI VALLEY, CA 93063

| NO.: | DATE: | BY: |
|---|---|---|
| 1 | 11/10/09 | BAM |
| 90% CD | | |
| RECV'D SURVEY | | |
| 2 | 11/13/09 | JM |
| REVISE PER DRM 100% CD | | |
| 3 | 11/18/09 | JM |
| ADDED TELCO SUBSTRUCTURE | | |
| 4 | 11/19/09 | BAM |
| REVISE PER DRM | | |
| 5 | 12/01/09 | MB |
| ADDED UTILITY DESIGN | | |
| 6 | | |
| 7 | | |

SITE INFORMATION:
**SV12186A**
**N-8 & 30TH ROW JPA**
40810 1/2
30TH ST W
PALMDALE, CA

STAMP:

SHEET TITLE:
**TITLE SHEET**

SHEET NUMBER:
**T-1**

## CODE COMPLIANCE

ANY AND ALL WORK CONSTRUCTED IN REFERENCE TO THE INFORMATION ENCLOSED MUST BE PERFORMED AND INSTALLED BY A PROPERLY LICENSED CONTRACTOR USING QUALIFIED PERSONNEL AND APPROVED MATERIALS FOLLOWING THE MANUFACTURERS' SPECIFICATIONS.

EXAMPLES OF THESE METHODS AND PROCEDURES MAY BE FOUND IN THE NATIONALLY RECOGNIZED AUTHORITY "THE LINEMAN'S AND CABLEMAN'S HANDBOOK" BY EDWIN B. KURTZ AND THOMAS M. SHOEMAKER – LATEST EDITION.

ALL WORK AND MATERIALS SHALL BE PERFORMED AND INSTALLED IN ACCORDANCE WITH STATE OF CALIFORNIA "RULES FOR OVERHEAD ELECTRIC LINE CONSTRUCTION" GENERAL ORDER NO.. 95 AND STATE OF CALIFORNIA "RULES FOR CONSTRUCTION OF UNDERGROUND ELECTRIC SUPPLY AND COMMUNICATION SYSTEMS" GENERAL ORDER NO. 128

ALL WORK AND MATERIALS SHALL ALSO BE DONE IN ACCORDANCE WITH THE CURRENT EDITIONS OF THE FOLLOWING CODES AS ADOPTED BY THE LOCAL GOVERNING AUTHORITIES. ANY CONFLICT WITH ANY RULE OF CODE CITED BY THIS DRAWING, THE AUTHORITATIVE RULE OR CODE SHALL TAKE PRECEDENCE. NOTHING IN THIS DRAWING IS TO BE CONSTRUED TO PERMIT WORK NOT CONFORMING TO THE ABOVE LISTED AUTHORITIES OR TO THE LATEST EDITIONS OF THE FOLLOWING CODES:

1. CALIFORNIA BUILDING CODE CBC–2007
2. CALIFORNIA ADMINISTRATIVE CODE (INCL. TITLES 24 & 25) 2007
3. ANSI/EIA–222–F LIFE SAFETY CODE
4. NFPA–101–1997
5. CALIFORNIA ELECTRICAL CODE CEC–2007
6. CALIFORNIA MECHANICAL CODE CMC–2007
7. CALIFORNIA PLUMBING CODE CPC–2007
8. LOCAL BUILDING CODE(S)
9. CITY AND/OR COUNTY ORDINACES
10. MUST COMPLY TO 2007 CALIFORNIA FIRE CODE.

## GENERAL CONSTRUCTION NOTES

1. VERIFY, LOCATE AND PROTECT ALL EXISTING SUBSTRUCTURES AS REQUIRED. CALL DIG ALERT, (800) 227–2600 48 HOURS BEFORE ANY EXCAVATION.
2. VERIFY AND RECORD ALL TIES AND FOOTAGES IN FIELD PER FINAL AS–BUILT CONDITIONS.
3. WINDING NARROW ROADS OR HEAVY TRAFFIC, PROVIDE ADEQUATE WORKMAN PROTECTION.
4. GROUNDS ARE TO BE TESTED – REQUIRES 5 OHMS OR LESS RESISTANCE.
5. ALL LANDSCAPING TO BE RESTORED TO ORIGINAL CONDITION OR BETTER.
6. NOTIFY PROPERTY OWNER BEFORE WORKING ON OR AROUND PRIVATE PROPERTY.
7. WORKING ON COUNTY HIGHWAY OBTAIN SPECIAL PERMITS AND PAY FEES AS REQUIRED.
8. WHERE EQUIPMENT OR MATERIAL SUPPLIED BY CONTRACTOR IS SPECIFIED BY MANUFACTURER AND CATALOGUE PART NUMBER, OTHER EQUIVALENT MATERIAL MAY BE USED THAT MEETS THOSE SPECIFICATIONS.
9. ALL INTERNAL WIRES ARE RATED 105° C.
10. ALL HARDWARE TO BE HOT DIPPED GALVANIZED.
11. 24" X 36" DRAWING TO SCALE ONLY. OTHER THAN 24" X 36" USE GRAPHIC SCALE ONLY.
12. CONTRACTOR SHALL VERIFY ALL PLANS AND EXISTING DIMENSIONS AND CONDITIONS ON THE JOB SITE AND SHALL IMMEDIATELY NOTIFY THE CIVIL ENGINEERS IN WRITING OF ANY DISCREPANCIES BEFORE PROCEEDING WITH THE WORK OR BE RESPONSIBLE FOR SAME.
13. CONTRACTOR SHALL VERIFY ALL INFORMATION ON BILL OF MATERIAL SHEETS MATCH ALL CONSTRUCTION DRAWINGS AND PROPOSED FIELD CONSTRUCTIONS BEFORE COMMENCEMENT OF WORK.
14. ALL MICROCELL EQUIPMENT SHALL BE LABELED WITH THE RBS NUMBER.
15. STEP POLE IN ACCORDANCE WITH G.O. 95, RULE 91.3 SECTIONS A&B.
16. ALL UNDERGROUND CONDUIT WILL BE SCHEDULE 40 EXCEPT FOR BENDS WHICH WILL BE SCHEDULE 80. ALL VERTICAL RISER CONDUIT WILL BE SCHEDULE 80.
17. ALL INSTALLED POLES MUST MEET ANSI 0.51 2008 STANDARDS FOR POLE STRENGTH.

## NEPA COMPLIANCE

## LEGEND

ADEQ = ADEQUATE
AGL = ABOVE GROUND LINE
AGB = ANTENNA GROUND BAR
AH = AHEAD
AMSL = ABOVE MEAN SEA LEVEL
ANC = ANCHOR
ANSI = AMERICAN NATIONAL STANDARDS INST
ASPH = ASPHALT
ATC = AIR TOUCH CELLULAR DESIGNATION
ATCH = ATTACH
AVG = AVERAGE
AWG = AMERICAN WIRE GAUGE
BCW = BARE COPPER WIRE
BIP = BOTTOM INSIDE POSITION
BK = BACK
BMP = BOTTOM MIDDLE POSITION
BOC = BACK OF CURB
BOP = BOTTOM OUTSIDE POSITION
CA = CABLE ARM
C&G = CURB AND GUTTER
C/L = CENTERLINE
CATV = CABLE TV
CEA = CABLE EXTENSION ARM
CF = CURB FACE
COA = CONDITIONS OF APPROVAL
COAX = COAXIAL CABLE
COMM = COMMUNICATION COAX
CONC = CONCRETE
CSW = CONCRETE SIDEWALK
DE = STRAND DEAD END
DF = DOUGLAS FIR POLE
DGA = DOUBLE GUARD ARM
DIA = DIAMETER
DNG = DOWN GUY
DRWY = DRIVEWAY
DWP = DEPT OF WATER & POWER
DX = DROP WIRE
(E) = EXISTING
E/O = EAST OF
E/S = EAST SIDE
EIA = ELECTRONIC INDUSTRIES ASSOC
EOP = EDGE OF PAVEMENT
ETW = EDGE OF TRAVAL WAY
ERP = EFFECTIVE RADIATED POWER
F/O = FRONT OF
FOC = FIBER OPTIC CABLE
FOG = FOG LINE
GA = GUARD ARM
GC = GENERAL CONTRACTOR
GND = GROUND
GO 95 = GENERAL ORDER RULES (AERIAL PLANT)
GO 128 = GENERAL ORDER RULES (UNDERGROUND CONSTRUCTION)
GPS = GLOBAL POSITIONING SYSTEM
GR = GRADE
GSM = GLOBAL SYSTEMS/MOBILE COMM
GT = GTE POLE DESIGNATION
H = AT&T POLE DESIGNATION
HH = HANDHOLE
HT = HEIGHT
IGB = INTERMEDIATE GROUND BAR
INST = INSTALL
JPA = JOINT POLE ASSOCIATION
KAIC = KILOAMP INTERRUPT CAPACITY
KW = KILOWATT
KWH = KILOWATT/HOUR
LAC = CINGULAR POLE DESIGNATION
LWR = LOWER
M = DEPT OF WATER & POWER POLE DESIGNATION
MAX = MAXIMUM
MGB = MAIN GROUND BAR
MH = MANHOLE
MIN = MINIMUM
MPE = MAXIMUM POTENTIAL EXPOSURE
MV = MOVE
N/O = NORTH OF
N/S = NORTH SIDE
NAD = NORTH AMERICA DATUM
NEC = NATIONAL ELECTRIC CODE
NEMA = NATIONAL ELECTRICAL MNFCTRS ASSOC
NEPA = NATIONAL ENVIRONMENTAL POLICY ACT
NFPA = NATIONAL FIRE PROTECTION ASSOC
NT = NO TAG
NTS = NOT TO SCALE
OHG = OVERHEAD GUY WIRE
OW = OPEN WIRE
PB = PULL BOX
PCOMM = POWER COMMUNICATION
PG&E = PACIFIC GAS AND ELECTRIC
PKWY = PARKWAY
PL = PLACE
POC = POINT OF CONTACT
POF = POINT OF FEED
PPG = POLE TO POLE GUY WIRE
PRI = PRIMARY POWER
PTD = PULL, TRANSPORT AND DISPOSE
PWR = POWER
QP = QUEEN POST
R = RAISE
(RE) = RELOCATED
R/W = RIGHT OF WAY
ROW = RIGHT OF WAY
RCRA = RESOURCE AND RECOVERY ACT
REPL = REPLACE
RF = RADIO FREQUENCY
RMV = REMOVE
RUC = REMOTE UNIT CABINET
S/O = SOUTH OF
S/S = SOUTH SIDE
SAR = SPECIFIC ABSORPTION RATE
SBC = SOUTHWESTERN BELL COMPANY
SCE = SOUTHERN CALIFORNIA EDISON
SDGE = SAN DIEGO GAS & ELECTRIC
SDWK = SIDEWALK
SEC = SECONDARY POWER
SL/SP = SLACK SPAN
SPL = SPLICE
SPR = SPRINT POLE DESIGNATION
STLT = STREETLIGHT
T/C = TOP OF CURB
TBD = TO BE DETERMINED
TELCO = TELEPHONE
TF = TRANSFER
TIP = TOP INSIDE POSITION
TMA = TOWER MOUNTED AMPLIFIER
TMP = TOP MIDDLE POSITION
TN = TENANT
TOA = TOP OF ANTENNA
TOP = TOP OUTSIDE POSITION
TRANS = TRANSFORMER
TYP = TYPICAL
USA = UNDERGROUND SERVICE ALERT
V = VERTICAL
VTG = VERTICAL GROUND
VZ = VERIZON
W/O = WEST OF
W/S = WEST SIDE

PROPOSED TRENCH
CENTERLINE
TEL — TELEPHONE LINE
GAS — GAS LINE
PWR — POWER LINE
WTR — WATER LINE
CTV — CABLE TV
SWR — SEWER LINE
OIL — OIL LINE
COM — COMMUNICATION LINE
STL — STREETLIGHT LINE
RIGHT OF WAY LINE
P/L — PROPERTY LINE
CHAIN LINK FENCE
BLOCK WALL
GUARD RAIL

JOINT POLE
POLE WITH TRANSFORMER
NEW POLE
STREETLIGHT
DETAIL NUMBER
X / X–X
SHEET NUMBER
1 KEYNOTE REFERENCE
1 X / X–X CROSS SECTION

## ENVIRONMENTAL COMPLIANCE

CONTRACTOR AT ALL TIMES SHALL BE IN COMPLIANCE WITH ALL UNITED STATES FEDERAL REGULATIONS AND LAWS INCLUDING BUT NOT LIMITED TO THE FOLLOWING:

RCRA
CERCLA & SARA (SUPERFUND AND AMENDMENTS)
TSCA
CLEAN WATER ACT
NATIONAL HISTORIC PRESERVATION ACT
NEPA
ENDANGERED SPECIES ACT
COASTAL ZONE MANAGEMENT ACT
RIVER HARBOR ACT
WILD AND SCENIC RIVERS ACT
FISH AND WILDLIFE COORDINATION ACT
ANADROMOUS FISH CONSERVATION ACT
BALD AND GOLDEN EAGLE PROTECTION ACT
MIGRATORY BIRD TREATY ACT

ADDITIONAL REQUIREMENTS:

STATE OR PROVINCIAL ENVIRONMENTAL REQUIREMENTS
CITY AND COUNTY ENVIRONMENTAL REQUIREMENTS
FACILITY PROCEDURES AND CLIENT REQUIREMENTS
INTERNATIONAL TREATIES

CONTRACTOR SHALL ALSO HAVE A WRITTEN CONSTRUCTION ENVIRONMENTAL PLAN WITH PROCEDURES WHICH WILL INCLUDE BUT NOT BE LIMITED TO THE FOLLOWING:

ENVIRONMENTAL DOCUMENTS
PROCEDURES TO MINIMIZE IMPACT (HABITAT, SENSITIVE RESOURCE PROTECTION)
WASTE CONTROL – HAZARDOUS MATERIALS
PROJECT / SITE CLEANUP (HAZMAT CLEANUP IMMEDIATELY)
JOB SITE HOUSEKEEPING – NO RELEASE TO THE ENVIRONMENT
ON – SITE VEHICLE REPAIR / MAINTENANCE
MONITOR ALL CONSTRUCTION ACTIVITIES IN CLOSE PROXIMITY TO SENSITIVE RESOURCE AREA
SPILL RESPONSE KIT (ABSORBENT KITS BARRIERS, ETC.) FOR LEAKING EQUIPMENT, SHEEN IN WATER (REPORTABLE)
SPILL RESPONSE / REMEDIAL COMPANY CONTACT FOR SPILLS 25+ GALLONS (5 GALLONS REPORTABLE) OR ANY DISCHARGE TO ANY WATERWAY

## TRAFFIC CONTROL PLAN

ALL WORK IN THE PUBLIC RIGHT OF WAY SHALL BE PERFORMED IN ACCORDANCE WITH THE APPLICABLE MANUALS LISTED BELOW PLUS THE REQUIREMENTS OF ANY LOCAL AUTHORITY

1. FEDERAL DEPARTMENT OF TRANSPORTATION REQUIREMENTS (MUTCD)
2. SECTION 21400 CALIFORNIA VEHICLE CODE
3. CALTRANS SUPPLEMENT TO THE MUTCD (WHEN WORKING ON STATE HIGHWAYS)
4. WORK AREA PROTECTION AND TRAFFIC CONTROL COMMITTEE

"WORK AREA TRAFFIC CONTROL HANDBOOK" SOUTHERN CALIFORNIA CHAPTER AMERICAN PUBLIC WORKS ASSOCIATION (APWA)

AUTHORITY
NO WORK MAY BE PERFORMED IN ANY PUBLIC RIGHT OF WAY WITHOUT PERMISSION FROM THE AUTHORIZING AGENCY. TRAFFIC CONTROL SHALL BE IN ACCORDANCE WITH THE PROVISIONS OF THE LATEST EDITION OF THIS MANUAL OR THE AGENCY'S PERMIT FOR THE WORK.

RESPONSIBILITY
ALL CONTRACTORS, PERMITTEES OR AGENCIES DOING WORK IN PUBLIC STREETS OR PUBLIC RIGHT–OF–WAY SHALL:

1. OBTAIN ALL NECESSARY PERMITS.
2. PROVIDE TIMELY NOTIFICATION TO ALL AFFECTED AGENCIES, INCLUDING THE FOLLOWING DEPARTMENTS AND PUBLIC AGENCIES.
   A. POLICE DEPARTMENT
   B. FIRE DEPARTMENT
   C. DEPARTMENT OF PUBLIC WORKS/TRANSPORTATION
   D. BUS AND TRANSIT COMPANIES
   E. SCHOOL DISTRICTS
3. NOTIFY UNDERGROUND SERVICE ALERT (USA) OR LOCAL ONE CALL CENTER AT LEAST 48 HOURS PRIOR TO COMMENCEMENT OF EXCAVATION.
4. COORDINATE THE WORK WITH ALL AFFECTED AGENCIES AND THE PUBLIC
5. INFORM OCCUPANTS OF ABUTTING PROPERTIES, EITHER ORALLY OR BY WRITTEN NOTICE, OF ACCESS LIMITATIONS MADE NECESSARY BY THE WORK.
6. INSTALL AND MAINTAIN REQUIRED TRAFFIC CONTROL DEVICES.
7. PROVIDE FLAGGERS WHEN REQUIRED.
8. SCHEDULE AND EXPEDITE THE WORK TO CAUSE THE LEAST INCONVENIENCE TO THE PUBLIC.
9. ASSURE THAT SURVEY CREWS AND OTHER EMPLOYEES WORKING IN OR ADJACENT TO A TRAVELED ROADWAY WEAR FLAGGING ARMENTS AS TO REQUIRED FOR FLAGGERS.
10. PROVIDE ADEQUATE SAFEGUARDS FOR WORKERS AND THE GENERAL PUBLIC.
11. PATROL THE CONSTRUCTION SITE AS REQUIRED TO INSURE THAT ALL DEVICES ARE IN PLACE AND OPERATING AT ALL TIMES, ESPECIALLY AT NIGHT AND ON WEEKENDS WHEN WORK IS USUALLY NOT IN PROGRESS. 12. REMOVE TRAFFIC CONTROL DEVICES WHEN THEY ARE NO LONGER NEEDED.


BMS Communications, Inc.
4133 GUARDIAN ST
SIMI VALLEY CA 93063
TEL(805) 526-1141
FAX (805) 526-6720


DRAWN BY: BAM
DATE: 11/03/09
PROJECT NO.: TMS18400
ENGINEER DATE: 10/24/09

T-Mobile®
4100 GUARDIAN STREET
SIMI VALLEY, CA 93063

| NO. | DATE: | BY: |
|---|---|---|
| 1 | 11/10/09 | BAM |
| 90% CD | | |
| RECV'D SURVEY | | |
| 2 | 11/13/09 | JM |
| REVISE PER DRM 100% CD | | |
| 3 | 11/18/09 | JM |
| ADDED TELCO SUBSTRUCTURE | | |
| 4 | 11/19/09 | BAM |
| REVISE PER DRM | | |
| 5 | 12/01/09 | MB |
| ADDED UTILITY DESIGN | | |
| 6 | | |
| 7 | | |

SITE INFORMATION:
SV12186A
N-8 & 30TH
ROW JPA
40810 1/2
30TH ST W
PALMDALE, CA

STAMP:

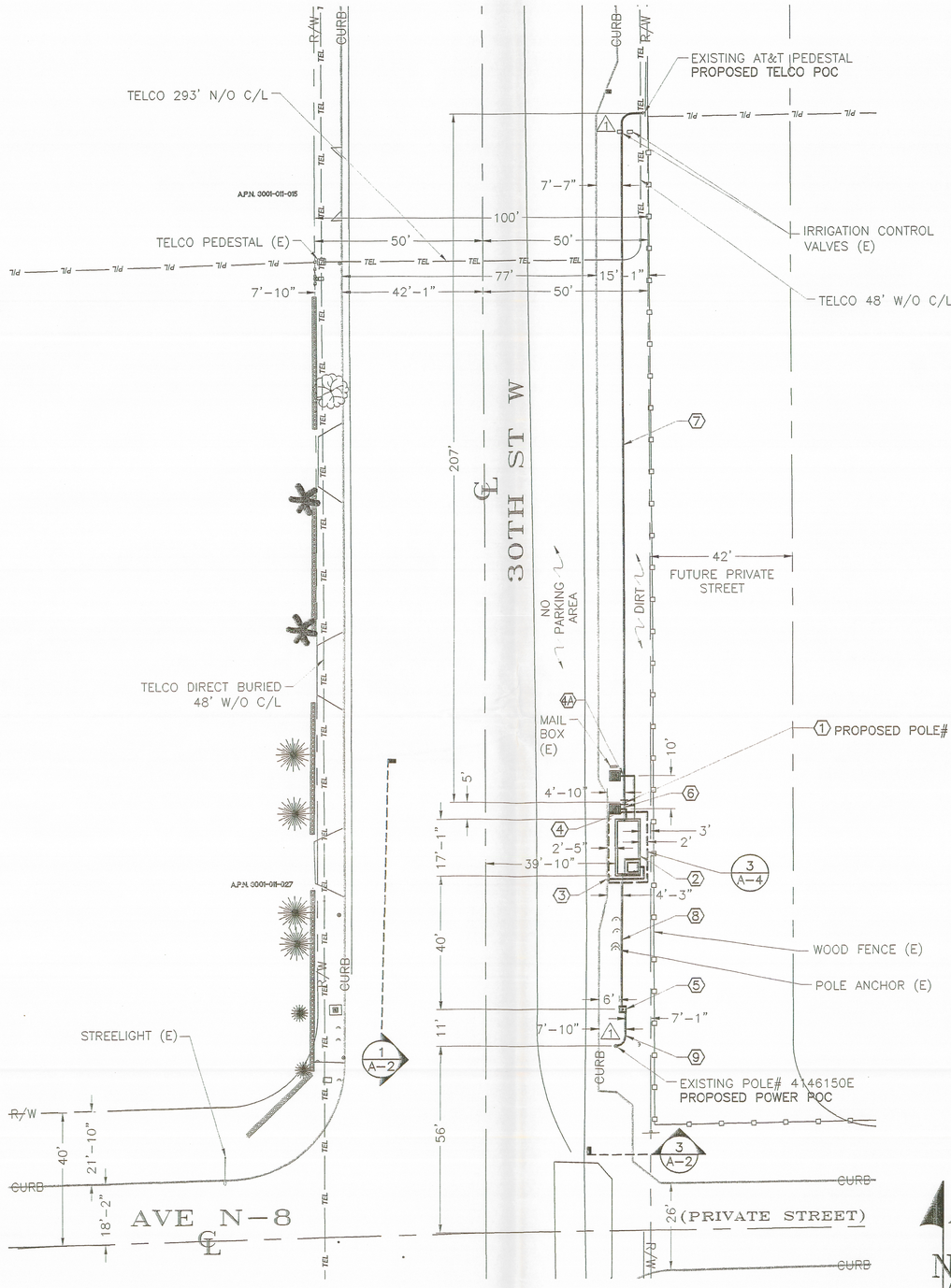
SHEET TITLE:
ABBREVIATIONS AND NOTES

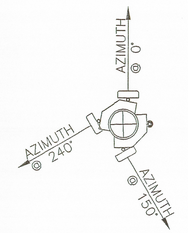
SHEET NUMBER:
T-2

1 SCALE: 1" = 20'

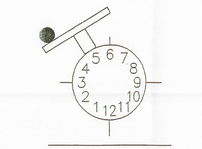
## CONSTRUCTION AND PLACEMENT DATA

1. NEW 60' POLE
   PL 8' GROUND ROD 24" FROM POLE
   PL #2 VERT GROUND WIRE & MOLDING
2. EXCAVATE AND PLACE 7'-1.5" X 17'-1.5" X 14'-6.25" VAULT
   (OLDCASTLE MODEL #616-9-40)
   PL (4) RBS 2206, INSIDE VAULT
3. PL 16' OF 1 1/4" PVC CONDUIT FOR SUMP PUMP
   DISCHARGE, CORE DRILL CURB
4. PL 3' OF 20" PVC VENT PIPE COUPLED TO
   ABOVE GROUND VENT
4A. PL 14' OF 20" PVC VENT PIPE COUPLED TO
   ABOVE GROUND VENT
5. EXCAVATE AND CONSTRUCT 2' X 2' CONCRETE PAD
   PL (1) POWER PEDESTAL, METER GLASS TO FACE NORTH
   PAINT PEDESTAL BEIGE
6. PL 7' 5-4" CONDUIT FOR COMM
   PL 8' 1-4" CONDUIT FOR TELCO
7. PL 210' 1-4" CONDUIT FOR TELCO
8. PL 44' 1-3" CONDUIT FOR POWER
9. PL 16' 1-3" CONDUIT FOR POWER
   DIP UP ON STANDOFF BRACKET

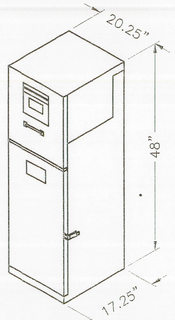



VECTOR DETAIL




2 SCALE: NTS **CABINET DETAILS**




POWER PEDESTAL

| CONDUIT CURVE DATA | | | |
|---|---|---|---|
| △ | R | < | L |
| 1 | 3' | 90° | 4'-9" |
| 2 | | | |
| 3 | | | |

## EXCAVATION DATA

| OWNER | ASPHALT | DIRT | CONCRETE | BORE |
|---|---|---|---|---|
| COUNTY OF LOS ANGELES | | 542 SQ FT | | C & G |
| | | | | |

NAD 83 COORDINATES
LATITUDE: 34° 37' 26.90" N
LONGITUDE: 118° 11' 00.18" W

DIGALERT 1-800-227-2600 AT LEAST TWO DAYS BEFORE YOU DIG
UNDERGROUND SERVICE ALERT OF CALIFORNIA
TICKET # _____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4100 GUARDIAN STREET
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| NO.: | DATE: | BY: |
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| 1 | 11/10/09 | BAM |
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SITE INFORMATION:
**SV12186A**
**N-8 & 30TH**
**ROW JPA**
40810 1/2
30TH ST W
PALMDALE, CA

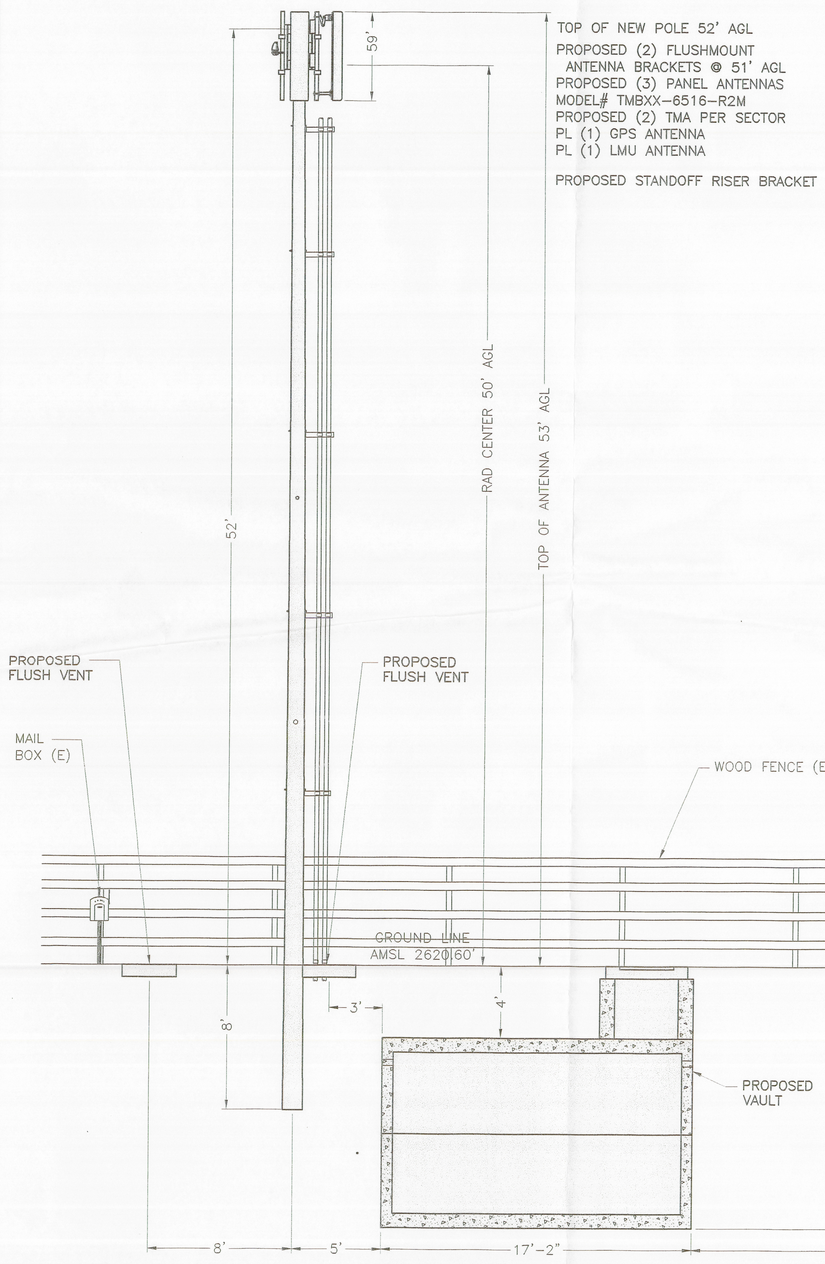
STAMP:

SHEET TITLE: **SITE PLAN**

SHEET NUMBER: **A-1**

## 1

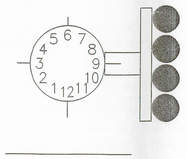
SCALE: 1" = 1/4"




LOOK EAST

## 2 RISER DETAIL

4-4" COMM ON RISER BRACKET @ 9:00
STUB 1-4" AT BASE OF POLE

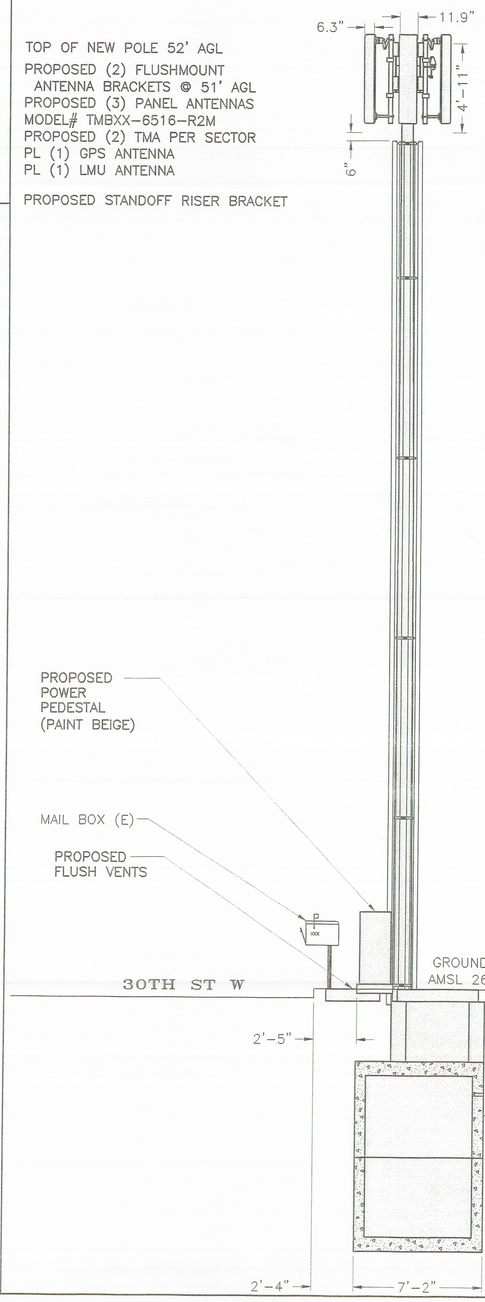



POLE # 10244PBM

SEE FINAL POWER DESIGN FOR RISER PLACEMENT

## 3

SCALE: 1" = 1/4"




LOOK NORTH

## 4 POLE INFORMATION

### MAKE READY

REARRANGEMENTS:
NONE

### NEW CONSTRUCTION

CONSTRUCTION:
PL NEW 60' CLASS 2 WOOD POLE
PL (2) FLUSHMOUNT ANTENNA BRACKETS @ 51' AGL
PL (3) ANTENNAS MODEL# TMBXX-6516-R2M
PL (2) TMA PER SECTOR
PL (1) GPS ANTENNA
PL (1) LMU ANTENNA
PL STANDOFF RISER BRACKET

NOTE: CABLE ARMS TO RUN PERPENDICULAR TO C/L OF STREET

PAINT ALL RISERS, EQUIPMENT AND ANTENNAS BROWN TO MATCH THE POLE

NEW POLE HEIGHT 60' (53' AGL)
NEW POLE# 10244PBM

NAD 83 COORDINATES
LATITUDE: 34° 37' 26.90" N
LONGITUDE: 118° 11' 00.18" W


BMS Communications, Inc.
4133 GUARDIAN ST
SIMI VALLEY CA 93063
TEL(805) 526-1141
FAX (805) 526-6720


DRAWN BY: BAM
DATE: 11/03/09
PROJECT NO.: TMS18400
ENGINEER DATE: 10/24/09

T-Mobile®
4100 GUARDIAN STREET
SIMI VALLEY, CA 93063

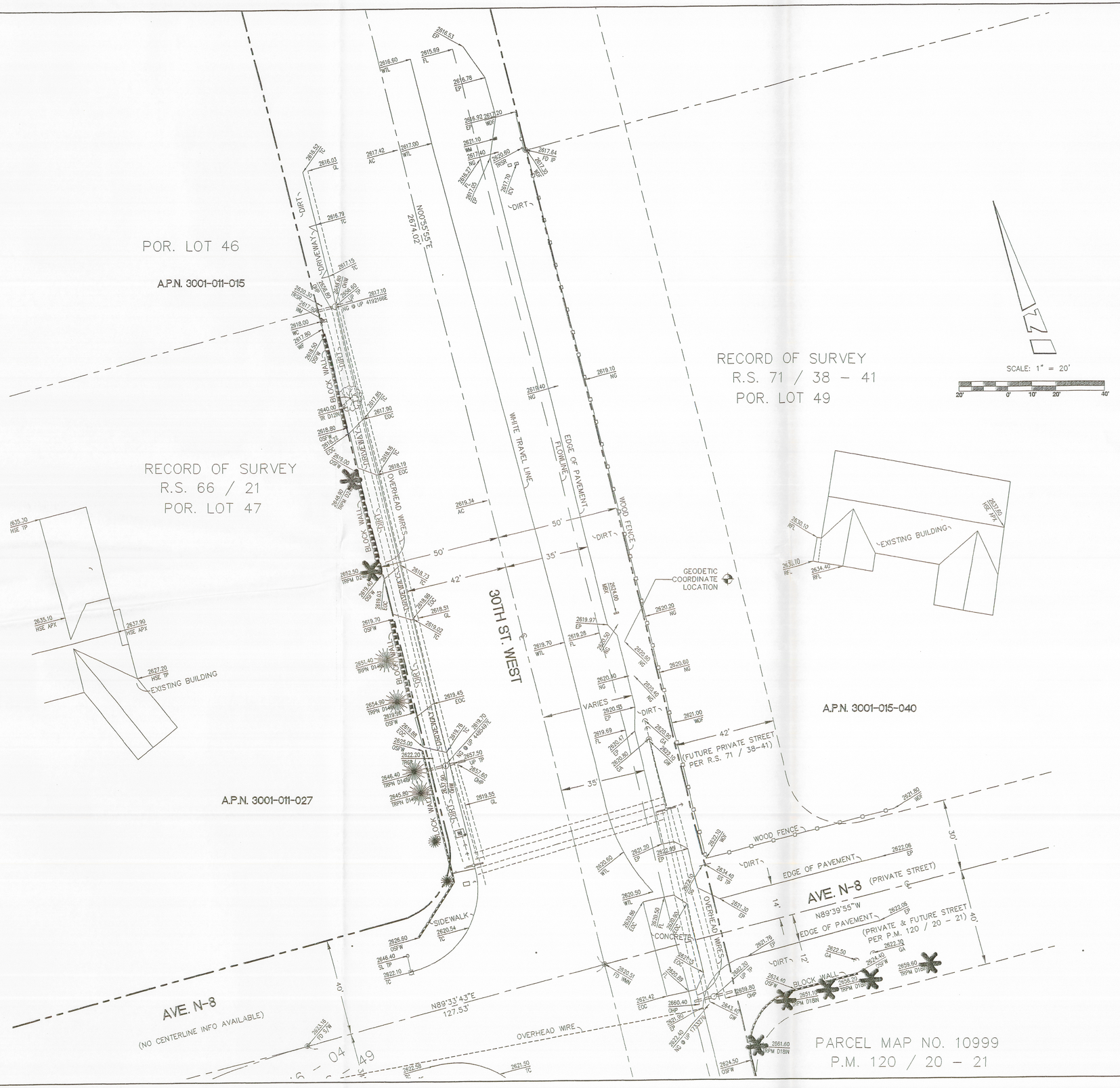
| NO.: | DATE: | BY: |
|---|---|---|
| 1 | 11/10/09 | BAM |
| 90% CD | | |
| RECV'D SURVEY | | |
| 2 | 11/13/09 | JM |
| REVISE PER DRM 100% CD | | |
| 3 | 11/18/09 | JM |
| ADDED TELCO SUBSTRUCTURE | | |
| 4 | 11/19/09 | BAM |
| REVISE PER DRM | | |
| 5 | 12/01/09 | MB |
| ADDED UTILITY DESIGN | | |
| 6 | | |
| 7 | | |

SITE INFORMATION:
**SV12186A**
**N-8 & 30TH ROW JPA**
40810 1/2
30TH ST W
PALMDALE, CA

STAMP:

SHEET TITLE:
**SITE ELEVATIONS**

SHEET NUMBER:
**A-2**




COORDINATES:

LATITUDE 34°37'26.90" N
LONGITUDE 118°11'00.18" W

NAD 1983 GEODETIC COORDINATES AND ELEVATIONS WERE ESTABLISHED USING SURVEY GRADE "ASHTECH" G.P.S. RECEIVERS AND ASHTECH SURVEY GRADE PRECISION SOFTWARE FOR POST-PROCESSING.

BASIS OF BEARINGS:
THE CENTERLINE OF 30TH STREET WEST BEING NORTH 00°55'55" EAST PER R.S. 71 / 38 - 41, RECORDS OF LOS ANGELES COUNTY.

ASSESSOR'S IDENTIFICATION:
N/A

AREA:
N/A

BENCH MARK REFERENCE:

U.S.G.S. BENCH MARK "BM 2618"

UNITED STATES GEOLOGICAL SURVEY BENCH MARK "BM 2618" AS SHOWN ON THE "RITTER RIDGE" 7.5 MINUTE QUADRANGLE MAP.

ELEVATION: 2,620.5 FEET A.M.S.L. (NAVD88) (DATUM VERIFIED IN FIELD TO BE WITHIN 1-A ACCURACY STANDARDS)

TITLE REPORT IDENTIFICATION:
N/A

EASEMENT NOTES:
N/A

LEGAL DESCRIPTION:
N/A

DATE OF SURVEY:
OCTOBER 23, 2009

SURVEYORS NOTE:
THE RIGHT OF WAY LINES AND THEIR DIMENSIONS SHOWN HEREON ARE PER READILY AVAILABLE RECORDED INFORMATION AND THEIR LOCATIONS ARE APPROXIMATE, PENDING RECEIPT OF TITLE REPORT(S) FOR THE ADJACENT REAL PROPERTY.

LEGEND:

| | |
|---|---|
| AC | ASPHALT CONCRETE |
| APX | APEX |
| BD | BOLLARD |
| BW | BACK OF WALK |
| EOC | EDGE OF CONCRETE |
| EP | EDGE OF PAVEMENT |
| FD | FOUND |
| FH | FIRE HYDRANT |
| FL | FLOW LINE |
| GA | GUY ANCHOR |
| GL | GUTTER LIP |
| GW | GUY WIRE |
| HSE | HOUSE |
| ICV | IRRIGATION CONTROL VALVE |
| IP | IRON PIPE |
| LTT | LEAD, TACK, AND TAG |
| MBX | MAIL BOX |
| NG | NATURAL GROUND |
| OHP | OVERHEAD POWER LINE |
| OHW | OVERHEAD WIRE |
| OSFW | OUTSIDE FACE OF WALL |
| RFL | ROOF LINE |
| S/W | SPIKE AND WASHER |
| SL | STREET LIGHT |
| SS | STREET SIGN |
| TC | TOP OF CURB |
| TP | TOP |
| TR | TREE |
| TRPM | PALM TREE |
| TRPN | PINE TREE |
| TRSR | TELCO RISER |
| UP | UTILITY POLE |
| UPB | UTILITY PULL BOX |
| UVLT | UTILITY VAULT |
| WC | WATER CAN |
| WDF | WOOD FENCE |
| WIF | WROUGHT IRON FENCE |
| WM | WATER METER |
| WMN | WELL MONUMENT |
| WTL | WHITE TRAVEL LINE |

BLOCK WALL
BOLLARD
CENTERLINE
FIRE HYDRANT
FOUND MONUMENT
GUY ANCHOR
IRRIGATION CONTROL VALVE
STREET LIGHT
STREET SIGN
UTILITY POLE
UTILITY VAULT
WATER CAN
WATER METER
WOOD FENCE
WROUGHT IRON FENCE

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| REVISE PER DRM | | |
| 5 | 12/01/09 | MB |
| ADDED UTILITY DESIGN | | |
| 6 | | |
| 7 | | |

BERT HAZE AND ASSOCIATES, INC.
LAND SURVEYING & MAPPING
3188 AIRWAY AVENUE, SUITE K1
COSTA MESA, CALIFORNIA 92626
714 557-1567 OFFICE
714 557-1568 FAX
N. 717.017

SITE INFORMATION:
SV12186A
N-8 & 30TH ROW JPA
40810 1/2
30TH ST W
PALMDALE, CA

STAMP:
PROFESSIONAL LAND SURVEYOR
BERT HAZE
No. 7211
Exp. 3-31-10
STATE OF CALIFORNIA

SHEET TITLE:
LAND SURVEY

SHEET NUMBER:
C-1