



MOUNTED SWITCHGEAR
PER FIG. 100A
SEE DET. (A)
THIS SHEET

EXIST. M.H. COMPLEX 100B

EXIST. M.H. COMPLEX 100B

EXIST. M.H. COMPLEX 100B

UPPER POOL

LOWER POOL

EXIST. M.H. COMPLEX 100B

M.H. COMPLEX 100A
DETAIL (A)

TIE TO EXIST.
2" x 4" x 4"
CONDUIT STUBS

MANUAL SWITCH ENCL. FIG.
PER STANDARD 50-5000
CODE NATE N. MECT FIELD INSPECTOR

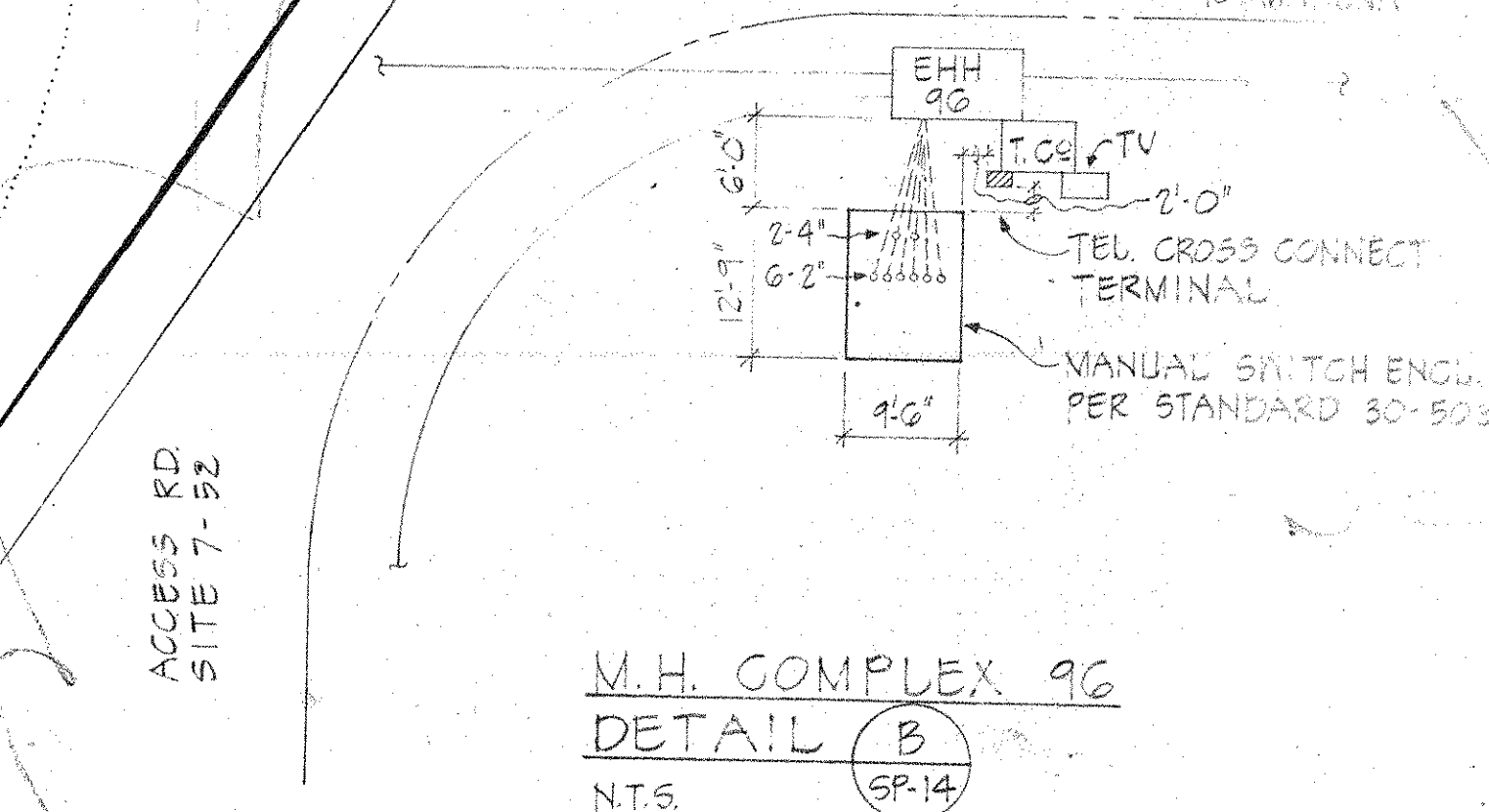
EASEMENT BOUNDARY

N 9000

N 9000

N 8500

N 8500

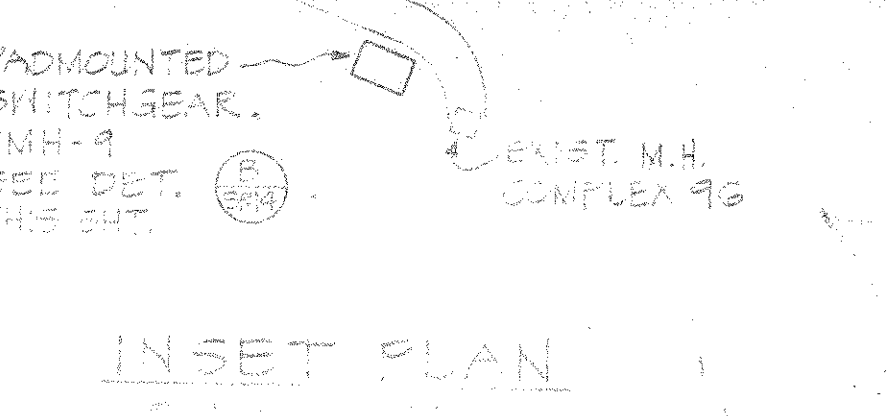
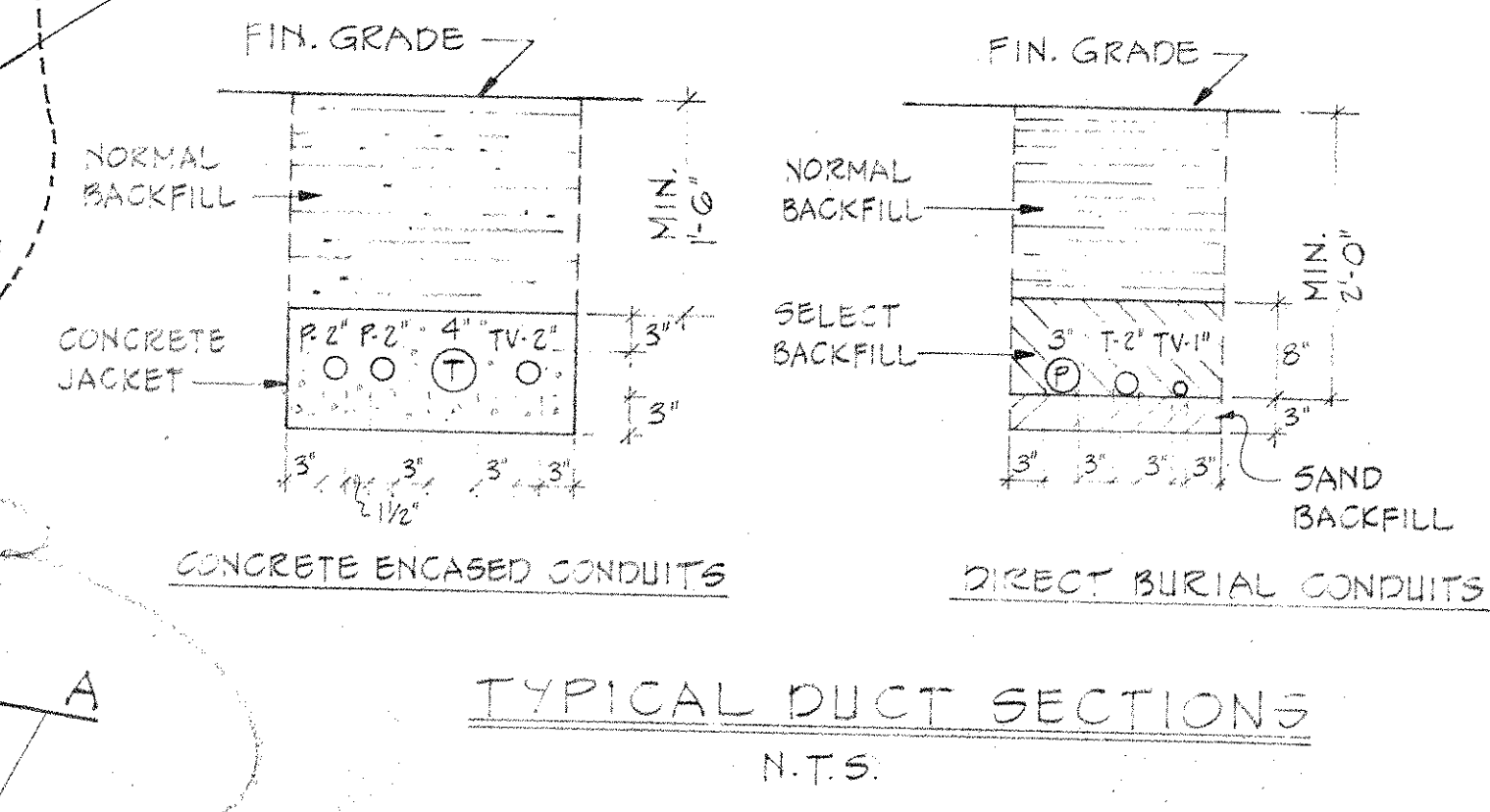


NOTE: ELECT. CONTRACTOR SHALL VERIFY LOCATION OF ALL SITE UTILITIES & SHALL RELOCATE ANY SUB-TERR. SITE UTILITIES AS REQUIRED TO AVOID CONFLICTS. THE CONTRACTOR SHALL ADVISE THE OWNERS OR SITE REPRESENTATIVE PRIOR TO MAKING SUCH RELOCATIONS.

DUCT SCHEDULE

DUCT SECTION	CONCRETE ENCASED CONDUITS	DIRECT BURIAL CONDUITS
A	1-1" PWR. 1-1" TEL. 1-1" TV.	
B	1-1" PWR.	
C	1-1" PWR. 1-1" TEL. 1-1" TV.	
D	1-1" PWR. 1-1" TEL. 1-1" TV.	
E	1-1" PWR. 1-1" TEL. 1-1" TV.	
F	1-1" PWR. 1-1" TEL. 1-1" TV.	
G	1-1" PWR. 1-1" TEL. 1-1" TV.	
H	1-1" PWR. 1-1" TEL. 1-1" TV.	
I	1-1" PWR. 1-1" TEL. 1-1" TV.	
J	1-1" PWR. 1-1" TEL. 1-1" TV.	
K	1-1" PWR. 1-1" TEL. 1-1" TV.	
L	1-1" PWR. 1-1" TEL. 1-1" TV.	
M	1-1" PWR. 1-1" TEL. 1-1" TV.	
N	1-1" PWR. 1-1" TEL. 1-1" TV.	
O	1-1" PWR. 1-1" TEL. 1-1" TV.	
P	1-1" PWR. 1-1" TEL. 1-1" TV.	
Q	1-1" PWR. 1-1" TEL. 1-1" TV.	
R	1-1" PWR. 1-1" TEL. 1-1" TV.	
S	1-1" PWR. 1-1" TEL. 1-1" TV.	
T	1-1" PWR. 1-1" TEL. 1-1" TV.	
U	1-1" PWR. 1-1" TEL. 1-1" TV.	
V	1-1" PWR. 1-1" TEL. 1-1" TV.	
W	1-1" PWR. 1-1" TEL. 1-1" TV.	
X	1-1" PWR. 1-1" TEL. 1-1" TV.	
Y	1-1" PWR. 1-1" TEL. 1-1" TV.	
Z	1-1" PWR. 1-1" TEL. 1-1" TV.	

- SYMBOLS**
- [Symbol] PAD FOR 10 PAD MOUNT. H.E. TRANSFORMER
 - [Symbol] 4" PWR. HANDHOLE, M.E.C. STANDARD
 - [Symbol] 4" CONCRETE POWER SERVICE BOX, M.E.C. STANDARD
 - [Symbol] 4" TELEPHONE HANDHOLE, H.T.C. STANDARD
 - [Symbol] 4" TELEPHONE PULLBOX, H.T.C. STANDARD
 - [Symbol] 4" TV. PULLBOX
 - [Symbol] CONC. ENCASED OR DIRECT BURIAL DUCT BANK
 - [Symbol] STREET OR PARKING LIGHTING CONDUIT
 - [Symbol] PATHWAY OR GARDEN LIGHTING CONDUIT
 - [Symbol] LANDSCAPE LIGHTING CONDUIT
 - [Symbol] HORN RUN TO HOUSE PANEL AT NEAREST SERVICE POINT
 - [Symbol] STREETLIGHT - STERNER BETHLE #350
 - [Symbol] PATHWAY LIGHT - STERNER BETHLE #400
 - [Symbol] GARDEN LIGHT - STERNER BETHLE #400
 - [Symbol] GARBAGE ENCL. LIGHT TYPE 'W'
 - [Symbol] ADDRESS LIGHT TYPE 'U'
 - [Symbol] GARDEN LIGHT TYPE 'G'
 - [Symbol] ADDRESS LIGHT TYPE 'A'
 - [Symbol] GARBAGE ENCL. LIGHT TYPE 'W'
 - [Symbol] ADDRESS LIGHT TYPE 'U'
 - [Symbol] GARDEN LIGHT TYPE 'G'
 - [Symbol] ADDRESS LIGHT TYPE 'A'
 - [Symbol] GARBAGE ENCL. LIGHT TYPE 'W'
 - [Symbol] ADDRESS LIGHT TYPE 'U'
 - [Symbol] GARDEN LIGHT TYPE 'G'
 - [Symbol] ADDRESS LIGHT TYPE 'A'
 - [Symbol] GARBAGE ENCL. LIGHT TYPE 'W'
 - [Symbol] ADDRESS LIGHT TYPE 'U'
 - [Symbol] GARDEN LIGHT TYPE 'G'
 - [Symbol] ADDRESS LIGHT TYPE 'A'



Wailec

WAILEA ALANUI

WAILEA ALANUI WATERING SCHEDULE QUAD II

Station No.	C.F.M.	Location	Total C.F.M.	Watering Time
CONTROLLER #1				
C-1	128	Bldg. No. 41	128	20 Min.
C-2	99	Bldg. No. 41	99	20 Min.
	64	Bldg. No. 40	147	20 Min.
C-3	74	Bldg. No. 43	140.9	20 Min.
	14.5	Bldg. No. 44		
C-4	98.1	Bldg. No. 38	101	20 Min.
	44.9	Bldg. No. 42		
C-5	89.5	Bldg. No. 36	151.5	20 Min.
	40	Bldg. No. 44		
C-6	98	Bldg. No. 37	98	20 Min.
C-7	106.7	Bldg. No. 39	151	20 Min.
	36.5	Bldg. No. 44		
C-8	77	Bldg. No. 36	140	20 Min.
	43	Bldg. No. 38		
C-9	84.1	Bldg. No. 42	84.1	20 Min.
C-10	40.8	Bldg. No. 42	40.8	20 Min.
	30.9	Bldg. No. 42		

GENERAL NOTES:

- Irrigation for Quadrant 2 shall not be watered concurrently with Quadrant 1 irrigation (water supply limited by common 4" main supply line from Wailea Alanui Road).
- Stations C-1 through C-9 and C-10 shall operate on alternate days after groundcovers become established.



David G. Glick

 License No. 10000

 State of Hawaii

 Wailea Alanui

 ECAH12

WALEA ALANUI



FIRE HYDRANT CONNECTION
 VIA BRANCH LINE
 1. 2" x 1/2" VALVE
 2. 2" x 1/2" VALVE BOX & COVER
 3. FIRE HYDRANT ASSEMBLY (FOR VALVE BOX MODEL NO. 5)
 4. 2" x 1/2" BRANCH
 5. 2" x 1/2" BRANCH AS REQUIRED

ADDITIONAL WORK BY FRING CONSTRUCTION

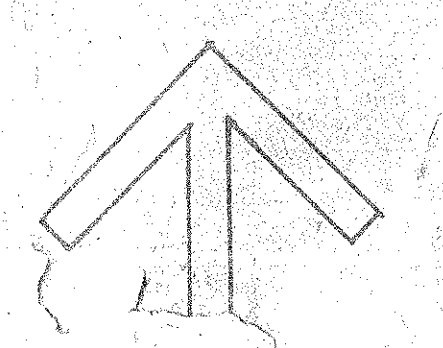
CENTERLINE CURVE DATA
 ROAD C-1 PAR 3 5/16/75

⊙ DENOTES REVISIONS JULY 17, 1975

DISREGARD ALL ELECTRICAL LAYOUT
 ON THIS SHEET - SEE SP 17

NO.	REVISION	DATE
1	REVISED	7 JULY 75
2	REVISED	8 JUNE 75
3	REVISED	10 JUNE 75
4	REVISED	15 JULY 75
5	REVISED	15 SEP 75

NO.	REVISION	DATE
1	REVISED	7 JULY 75
2	REVISED	8 JUNE 75
3	REVISED	10 JUNE 75
4	REVISED	15 JULY 75
5	REVISED	15 SEP 75





PADMOUNTED SWITCHGEAR
 PHASE 1
 SEE DET. THIS SHIT.

EXIST. M.H. COMPLEX 102B

EXIST. M.H. COMPLEX 102A

EXIST. M.H. COMPLEX 102A

EXIST. M.H. COMPLEX 102A

EXIST. M.H. COMPLEX 102A

EXIST. M.H. COMPLEX 102A

EXIST. M.H. COMPLEX 102A

EXIST. M.H. COMPLEX 102A

EXIST. M.H. COMPLEX 102A

EXIST. M.H. COMPLEX 102A

EXIST. M.H. COMPLEX 102A

EXIST. M.H. COMPLEX 102A

EXIST. M.H. COMPLEX 102A

EXIST. M.H. COMPLEX 102A

EXIST. M.H. COMPLEX 102A

EXIST. M.H. COMPLEX 102A

EXIST. M.H. COMPLEX 102A

EXIST. M.H. COMPLEX 102A

EXIST. M.H. COMPLEX 102A

EXIST. M.H. COMPLEX 102A

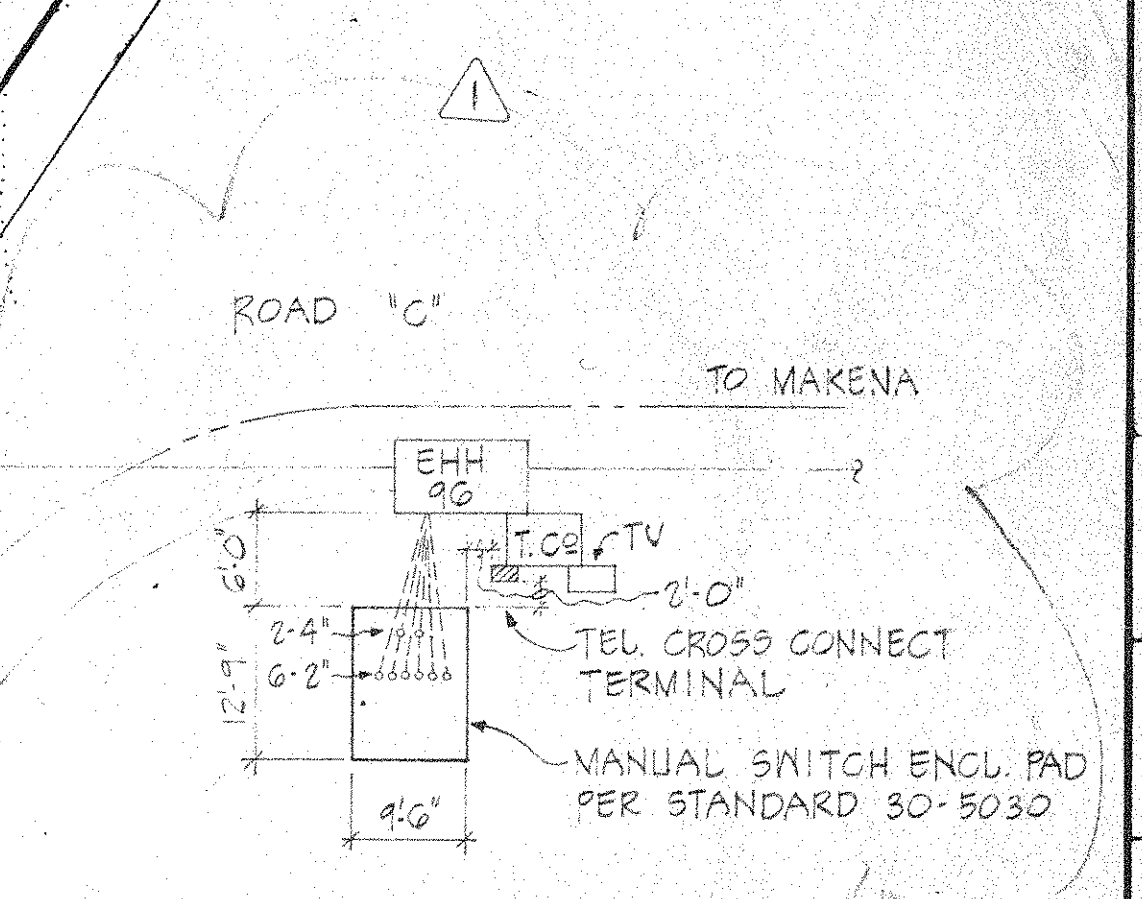
EXIST. M.H. COMPLEX 102A

M.H. COMPLEX 102A
 DETAIL (A)

NO. 100	DATE	BY	CHECKED
101			
102			
103			
104			
105			
106			
107			
108			
109			
110			
111			
112			
113			
114			
115			
116			
117			
118			
119			
120			



DATE: 11/10/02
 SCALE: AS SHOWN



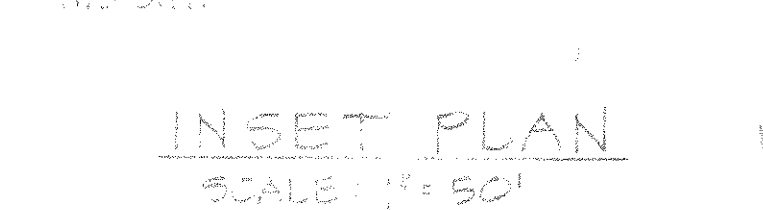
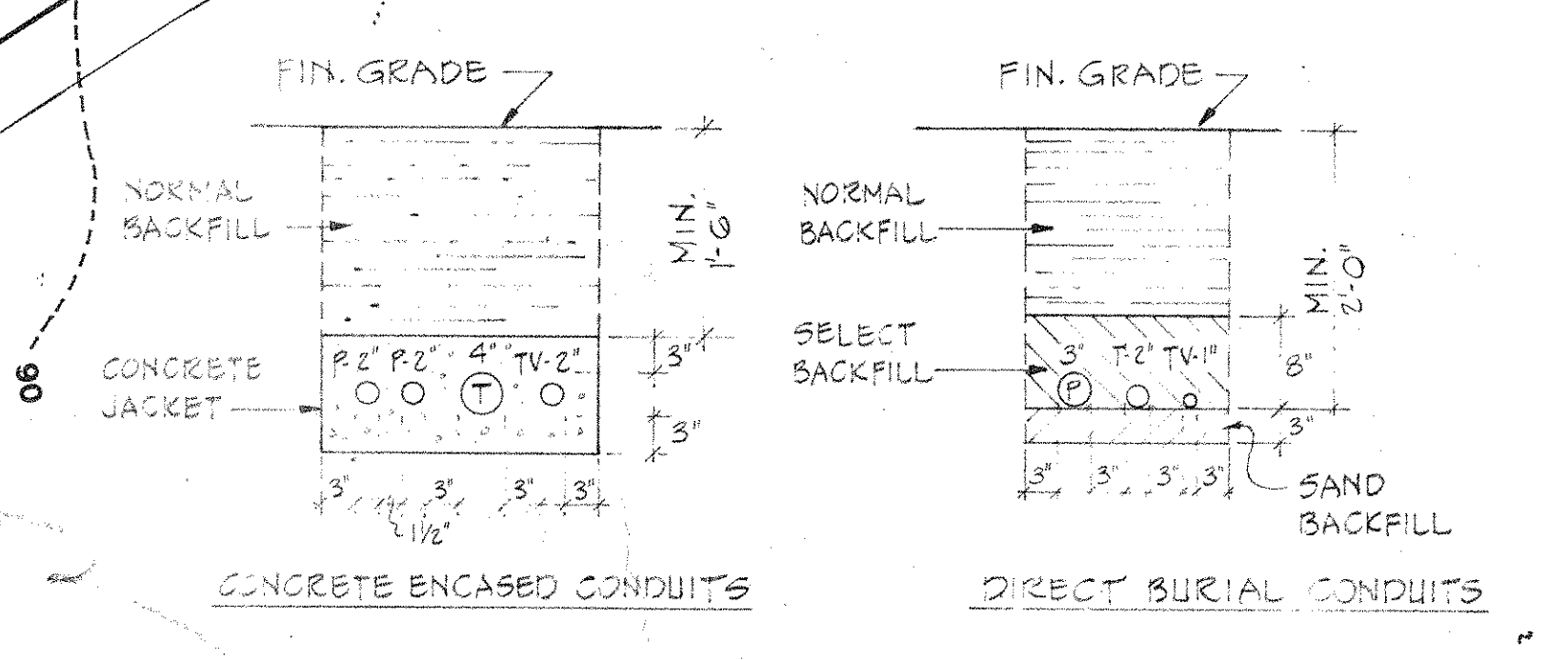
NOTES: ELECT. CONTRACTOR SHALL VERIFY LOCATION OF OTHER SITE UTILITIES & SHALL RELOCATE ANY ELECTRICAL SITE UTILITIES AS REQUIRED TO AVOID CONFLICTS. THE CONTRACTOR SHALL NOTIFY THE OWNER'S OR SITE REPRESENTATIVE PRIOR TO MAKING ANY SUCH RELOCATIONS.

DUCT SCHEDULE

DUCT SECTION	DIRECT BURIAL CONDUITS	DIRECT BURIAL CONDUITS
A	1" TEL 1" TEL 1" TEL	1" TEL 1" TEL 1" TEL
B	1" TEL 1" TEL 1" TEL	1" TEL 1" TEL 1" TEL
C	1" TEL 1" TEL 1" TEL	1" TEL 1" TEL 1" TEL
D	1" TEL 1" TEL 1" TEL	1" TEL 1" TEL 1" TEL
E	1" TEL 1" TEL 1" TEL	1" TEL 1" TEL 1" TEL
F	1" TEL 1" TEL 1" TEL	1" TEL 1" TEL 1" TEL
G	1" TEL 1" TEL 1" TEL	1" TEL 1" TEL 1" TEL
H	1" TEL 1" TEL 1" TEL	1" TEL 1" TEL 1" TEL
I	1" TEL 1" TEL 1" TEL	1" TEL 1" TEL 1" TEL
J	1" TEL 1" TEL 1" TEL	1" TEL 1" TEL 1" TEL
K	1" TEL 1" TEL 1" TEL	1" TEL 1" TEL 1" TEL
L	1" TEL 1" TEL 1" TEL	1" TEL 1" TEL 1" TEL
M	1" TEL 1" TEL 1" TEL	1" TEL 1" TEL 1" TEL
N	1" TEL 1" TEL 1" TEL	1" TEL 1" TEL 1" TEL
O	1" TEL 1" TEL 1" TEL	1" TEL 1" TEL 1" TEL
P	1" TEL 1" TEL 1" TEL	1" TEL 1" TEL 1" TEL

SYMBOLS

- PAD FOR 10 PAD MOUNT M.E. CO. TRANSFORMER
- 3" x 5" POWER HANDHOLE, M.E. CO. STANDARD
- 2' x 4' CONCRETE POWER SERVICE BOX, M.E. CO. STANDARD
- 4' x 4' TELEPHONE HANDHOLE, H.T. CO. STANDARD
- 2' x 4' TELEPHONE PULLBOX, H.T. CO. STANDARD
- 2' x 4' TV PULLBOX
- CONC. ENCASED OR DIRECT BURIAL DUCT BANK - SEE SCHEDULE, THIS SHT.
- STREET OR PARKING LIGHTING CONDUIT (1" Ø 1" & 1 1/2" Ø)
- PATHWAY OR LANDSCAPE LIGHTING CONDUIT (1" Ø 1" & 1 1/2" Ø)
- LANDSCAPE LIGHTING CONDUIT (1" Ø 1", 1 1/2" Ø)
- HONEYCOMB TO HOUSE PANEL AT NEAREST SERVICE ENTRANCE
- STREET LIGHT - STERNER RETEL #250 (150W LUCALOX) FOR 120V W/CAT #RTA-04 TO ROUND TAPERED ALUM. POLE DURANGOIC #318
- PATHWAY LIGHT - STERNER RETEL #100 (100W LUCALOX) FOR 120V W/CAT #RTA-05 TO ROUND TAPERED ALUM. POLE DURANGOIC #318
- MAINT. BOX N.E. 1" SHALLOWS 15" W/ 12" COVER (150W SPOT) APPROXIMATE LOCATION - MAY BE RELOCATED TO 1" W/ DIRECTION - SEE DETAIL, SHT. 514
- GARDEN LIGHT (2" Ø) - ALLOWANCE FOR FIXTURE, POLE & WIRE
- ADDRESS LIGHT TYPE "U" - SEE FIXTURE SCHEDULE, SHT. 514
- GARAGE ENCLOSURE LIGHT TYPE "W" - REFER TO SHT. 514 FOR # & SHT. FOR DESCRIPTION IN SHT. 514
- GARAGE ENCLOSURE LIGHT - 10" Ø DIAL VANDERLIND FOR 120V W/CAT #RTA-04 TO ROUND TAPERED ALUM. POLE DURANGOIC #318
- GROUND LIGHT TYPE "L" - SEE FIXTURE SCHEDULE, SHT. 514
- NEAREST LIGHT - STAIRS
- IDENTIFICATION LETTER
- SHT. ON WHICH CONDITION IS SHOWN



NOTE: IF CONDUIT IS NOT DESIGNATED BY DUCT SECTION TYPE (A) OR (B) - IT IS 3/4" Ø 1" & 1 1/2" Ø.

NO.	DATE	BY	CHKD.	DESCRIPTION
1				
2				
3				
4				
5				
6				
7				
8				
9				
10				